2018 P5 Math

1.	CHIJ St Nicholas Girls'	SA1
2.	Maha Bodhi School	SA1
3.	Methodist Girls'	SA1
4.	Nan Hua Primary	SA1
5.	Nanyang Primary	SA1
6.	Raffles Girls' Primary	SA1
7.	Rosyth School	SA1
8.	Rulang Primary	SA1
9.	Singapore Chinese Girls'	SA1
10.	Tao Nan School	SA1
11.	Anglo Chinese School	SA1
12.	CHIJ St Nicholas Girls'	SA2
13.	Maha Bodhi School	SA2
14.	Methodist Girls'	SA2
15.	Nan Hua Primary	SA2
16.	Nanyang Primary	SA2
17.	Raffles Girls' Primary	SA2
18.	Rosyth School	SA2
19.	Rulang Primary	SA2
20.	Singapore Chinese Girls'	SA2
21.	Tao Nan School	SA2

Name :	 60	_()
Class:			

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 5 Mathematics 2018 Semestral Assessment One

Paper 1

Booklet A

8 May 2018

15 questions 20 marks

Total time for booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Shade your answers in the optical answer sheet (OAS) provideu. The use of calculators is <u>NOT</u> allowed.

This booklet consists of $\underline{9}$ printed pages including the cover page.

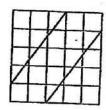
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3, 4) on the Optical Answer Sheet (OAS).

(20 marks)

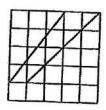
- 1. In 6 890 731, the digit 9 is in the _____ place.
 - (1) thousands
 - (2) ten thousands
 - (3) hundred thousands
 - (4) millions
- 2. Find the sum of all the factors of 12.
 - (1) 12
 - (2) 16
 - (3) 21
 - (4) 28

3. Which one of the following figures shows a pair of perpendicular lines?

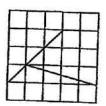
(1)



(2)



(3)



(4)

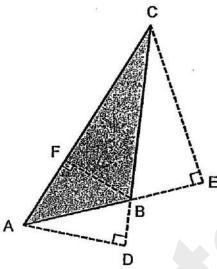


- 4. Express 5 tenths as a decimal.
 - (1) 50
 - (2) 5
 - (3) 0.5
 - (4) 0.05

- 5. A cup contains $\frac{2}{3}$ ℓ of water. How much water do 5 such cups contain?
 - (1) $2\frac{2}{3}\ell$
 - (2) $3\frac{1}{3}\ell$
 - (3) 4 $\frac{1}{3}$ l
 - (4) $5\frac{2}{3}\ell$
- 6. Which one of the following is the same as 9 ÷ 4?
 - (1) 4÷9
 - (2) $\frac{1}{9} \times 4$
 - (3) $\frac{1}{4} \times 9$
 - (4) $\frac{1}{4} \times \frac{1}{9}$

- 7. Which one of the following is likely to be the mass of a pupil's school bag?
 - (1) 5 g
 - (2) 5 kg
 - (3) 50 g
 - (4) 50 kg
- 8. Jun Jie bought a packet of drink for \$1.50. He gave the stall owner a \$5 note and received the change in 50¢ coins. How many 50¢ coins did he receive?
 - (1) 13
 - (2) 10
 - (3) 3
 - (4) 7

9. In the figure below, BC is the base of the triangle ABC. What is its height?



- (1) CE
- (2) BF
- (3) BD
- (4) AD

10. What is the missing number?

12:15 = 20:____

- (1) 25
- (2) 23
- (3) 16
- (4) 5

- 11. Mrs Goh bought 5 packets of cookies. There were 15 cookies in each packet. She repacked some of the cookies into 9 bags of 6. How many cookies were not packed?
 - (1) 75
 - (2) 54
 - (3) 30
 - (4) 21
- 12. Florence bought some red and blue balloons. The number of red balloons was $\frac{1}{4}$ of the total number of balloons. There were 24 blue balloons. How many balloons did Florence buy altogether?
 - (1) 32
 - (2) 18
 - (3) 8
 - (4) 6

13. Han Ling packed some fruits into a box as shown in the table below. What was the ratio of the number of apples to the number of oranges to the number of pineapples?

Fruit	Number of Fruits	
Pineapples	8	-
Apples	20	
Oranges	12	

- (1) 2:3:5
- (2) 2:5:3
- (3) 5:2:3
- (4) 5:3:2
- 14. Paraveen bought a total of 120 pink, yellow and green beads to make a necklace. There were 6 more pink beads than yellow beads. There were 4 times as many green beads as yellow beads. How many yellow beads did he buy?
 - (1) 19
 - (2) 21
 - (3) 76
 - (4) 84

- 15. En En had some flour. She used 360 g of it to bake a cake and $\frac{4}{9}$ of the remainder to bake some cookies. She had 900 g of flour left. How much flour did she have at first?
 - (1) 1080 g
 - (2) 1100 g
 - (3) 1980 g
 - (4) 2385 g

Name :	()
Class:		12

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 5 Mathematics
2018 Semestral Assessment One

Paper 1

Booklet B

8 May 2018

Booklet A	20
Booklet B	25
Total (Paper 1)	45

Total time for booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions,

Write your answers in this booklet

The use of calculators is <u>NOT</u> allowed.

This booklet consists of $\underline{9}$ printed pages including the cover page.

Questions 16 to 20 carry 1 mark each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

Do not write in this space

16. Round 327 954 to the nearest hundred.

Ans : _____

17. The figure below shows an 8-point compass. Wei Xi turned 135° clockwise and faced south-east. Which direction was she facing before she made the turn?



Ans :_____

18. Find the value of $\frac{8}{5} \times \frac{4}{10}$.

Give your answer as a fraction in its simplest form.

Ans : _____

The figure below shows the mass of 2 identical bottles. 19. Do not write in this space What is the mass of 1 bottle? Edward ran 3200 m while Felica ran 2 km 400 m. What was the total 20. distance that they ran altogether?

Ans:

3

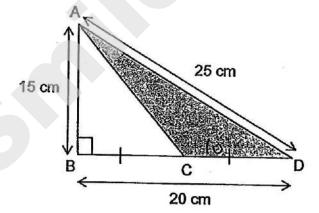
Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

Do not write in this space

21. Mrs Lim was thinking of a number which was between 30 and 50. When she decided the number by 5, she had a remainder of 3. When she divided the number by 7, she had a remainder of 1. What was the number she was thinking of?

Ans:

22. The figure below is made up of triangle ABC and triangle ACD. Find the area of triangle ACD.



Ans	•	cm
	•	OH

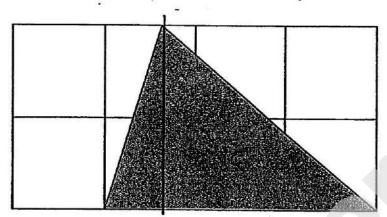
23.	The ratio of the length of a rectangle to its breadth is 3 : 2. The breadth of the rectangle is 6cm. What is the area of the rectangle?	Do not write in this space

24. The ratio of the amount of money that Andy has to the amount of money that Bobby has is 4: 9. Bobby has 3 times as much money as Calvin. Calvin has \$60. How much money does Andy have?

Ans:\$____

25. The figure below is made up of 8 identical squares. What fraction of the figure is shaded? Express your answer in its simplest form.

Do not write in this space



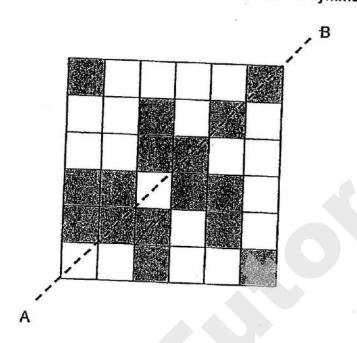
Ans:

26. Rodney is 24 years old this year. He is thrice as old as Mervin. In how many years' time will Rodney be twice Mervin's age?

Ans :_____

There are 16 shaded squares in the figure below.
 squares to form a symmetric figure with AB as the line of symmetry.

Do not write in this space



28. Jia Yi baked twice as many biscuits as Bing Hui. After Jia Yi gave away $\frac{3}{8}$ of her biscuits and Bing Hui baked another 18 biscuits, the two girls had the same number of biscuits. How many biscuits did Bing Hui bake altogether?

Ans : ____

29. The table below shows the movie schedule at Best Shows Cinema.

Do not write in this space

Screening Now		
Movie Show	Start Time	Duration of Movie
Terrific Rim	1.30 p.m. 4.15 p.m.	2 h 15 min
Ah Girls to Women	12.15 p.m. 3 p.m.	2 h 5 min
Sherlock Domes	3 p.m. 5.15 p.m.	1 h 50 min

Joshua arrives at the cinema at 1.50 p.m. He wants to watch a movie from the start to the end. He has asked his father to pick him up at 5 p.m.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (</) in the correct column.

Statement	True	False	Not possible to tell
Joshua is able to watch Ah Girls to Women from the start to the end.		di.	
Joshua will be able to choose between two movies if he has asked his father to pick him up at 5.10 p.m.			

30.	A train travelled from Station A to Station C. There were some passengers on board the train when it left Station A. At Station B, 13 passengers boarded the train while 57 passengers alighted the train. Finally at Station C, 128 passengers boarded the train. The number of passengers on the train when it left Station C was twice the number of passengers on the train when it left Station A. How many passengers were on board the train when it left Station A?	Do not write in this space
1.5	Ans:	
2		
	-	F
	End of Booklet B	

9



Name:	()
Class: Primary 5		

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 5 Mathematics 2018 Semestral Assessment One

Paper 2

8 May 2018

Paper 1	45
Paper 2	55
Total Marks	100

Time: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet
The use of an approved calculator is expected, where appropriate.

This booklet consists of 16 printed pages including the cover page.

Parent's Guardian's Signature

Questions 1 to 5 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

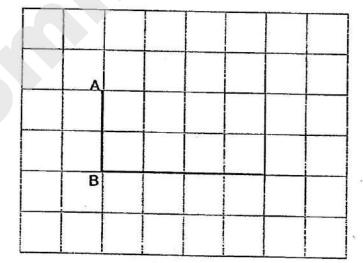
(10 marks)

Do not write in this space

 Hui Min saved \$7 per week. Ted saved 3 times as much as Hui Min per week. How much did they save in 15 weeks altogether?

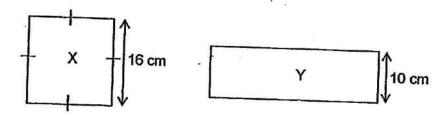
Ans:\$

Line AB is the breadth of rectangle ABCD. It is half the length of the rectangle.
 Complete the drawing of rectangle ABCD in the square grid below.
 Label rectangle ABCD.



3. Square X and rectangle Y have the same area. Find the length of rectangle Y.

Do not write in this space



Ans: cn

4. The ratio of the number of cards that Joanna had to the number of cards that Korelle and was 11: 7. Korelle had 308 cards. How many cards did Joanna and Korelle have altogether?

Ans :_____

5.	There was a total of 460 boys and girls in the theatre at first. 97 boys Ift and 12 girls entered the theatre. There were then four times as many boys as girls. How many boys were there in the theatre in the end?	Do not write in this space
	Ans :	
		10
*		a +.

For questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets () at the end of each question or part-question. (45 marks)

Do not write in this space

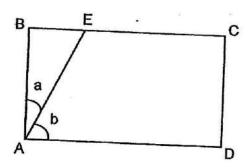
6. Uma and Li Ting had an equal amount of money at first. After Uma gave Li Ting \$40, Li Ting had five times as much money as Uma. How much money did both Uma and Li Ting have altogether?

Ans.;	(2)	_
7 113	[3]	

7.	Mrs Koh made some fruit punch by adding 380 ml of syrup to 1 / 90 ml of water. She poured the fruit punch into 7 cups equally. What was the amount of fruit punch in each cup?	Do not write in this space
	%	
		.
		4
*		
	Ans :[3]	

8. In the figure below, ABCD is a rectangle.

Do not write in this space



- (a) The size of ∠ b is twice the size of ∠ a. Find ∠ b.
- (b) Name a line that is parallel to line AD.

Ans : (a) _____ [2]

(b) Line _____[1]

 Ms Sharidah recorded the sports that 324 childrenliked on a slip of paper but she accidentally spilled some coffee on the slip of paper. Do not write in this space

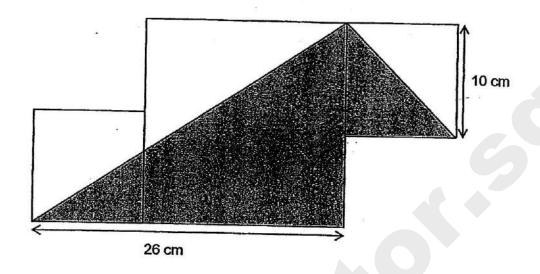
Sports -	Number of children
Netball	
Badminton	
Track and Field	63

She remembered that 37 more children liked netball than badminton. How many children liked badminton?

\ns:	[3]
Service and the service of the servi	

10. The figure below is made up of a big square and 2 identical small squares.

Do not write in this space



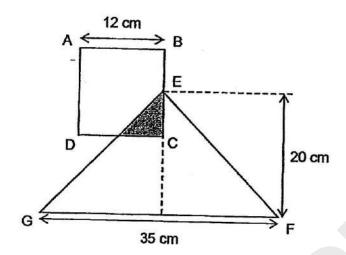
Find the area of the shaded part.

	5	1	
Ans :		[3]	

11.	At a football game, the ratio of the number of children to the number of adults is 3:10. There are 2730 more adults than children. How many people are there altogether?	Do not write in this space
	*	
	The state of the s	
	Comment of the Commen	
		*
8		
	*	
7		
		í

12. In the figure below, ABCD is a square and EFG is a triangle. $\frac{1}{8}$ of the square is shaded. Find the unshaded area of triangle EFG.

Do not write in this space



Ans : _____[4]

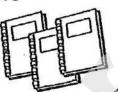
13. A shop sells notebooks at the prices shown below.

Do not write in this space

NOTEBOOKS for SALE

1 notebook for \$3

6 notebooks for \$15



Mr Sahir wants to buy exactly 44 notebooks. What is the least amount of money that he needs to pay?

	.1	
Ans:	[4]	1
	11	1

14. Rachel and Tammy had a total of 405 stamps at first. The number of stamps that Rachel had was ²/₅ of the total number of stamps. After Rachel gave away some stamps, the number of stamps that Rachel had left became ¹/₁₀ of the total number of stamps left. How many stamps did Rachel give away?

Do not write in this space

	*	
Ans :	{4]
		il .

15. Mrs Soh gave Kelvin a total of 660 coins and \$2 notes. The ratio of the number of coins to the number of \$2 dollar notes was 7 : 5.

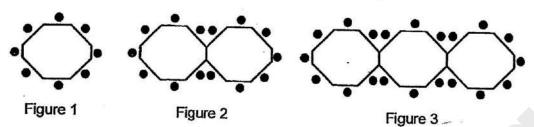
Do not write in this space

- (a) How many coins were there?
- (b) The ratio of the number of 10¢ coins to the number of 20¢ coins to the number of 50¢ coins was 2 : 5 : 4. What was the total value of 50¢ coins that Kelvin received from Mrs Soh?

-	1
Ans : (a)	[2]
(b)	[3]

 Pupils are seated around 8-sided tables that are joined together in a straight row as shown in the arrangements below. The figures follow a pattern.

Do not write in this space



(a) The table below shows the number of pupils seated for each arrangement. Complete the table for Figure 4 and Figure 5.

Figure Number	Number of pupils
1	8
2	14
3	20
4	
5	

(1m)

- (b) How many pupils can be seated at 9 such tables?
- (c) How many tables will be needed to seat 176 pupils?

Ans : (b)	[2]	_
(c)	[2]	

17. Mr Tan spent $\frac{1}{3}$ of his money on files. He spent $\frac{3}{7}$ of his remaining money on 8 similar files and 6 similar pens. 2 files cost as much as 3 pens. If he were to spend all his money on buying files only, how many files could he buy altogether?

Do not write in this space

	34,		
Ans :		[5]	

End of Paper

SCHOOL :

CHIJ PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT :

MATH

TERM

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q1 Q2	Q3	Q4	Q5	O6	07	1 00	
2 4	4	3	2	3	2	\Q8 :: 	Q9 Q10

Q 11	Q12	Q13	Q14	015
4	1	4	1	3

PAPER 1 BOOKLET B

MACI	200000
Q16)	328000

$$0.7 \div 2 = 0.35$$

$$0.35$$
kg = 350 g

Q22)
$$20 \div 2 = 10$$

$$\frac{1}{2}$$
 x 10 x 15 = 75 cm2

Q23)
$$6 \div 2 = 3$$

$$3 \times 3 = 9$$

$$9 \times 6 = 54 \text{ cm} 2$$

Q24)
$$9 \div 3 = 3$$

$$$60 \div 3 = $20$$

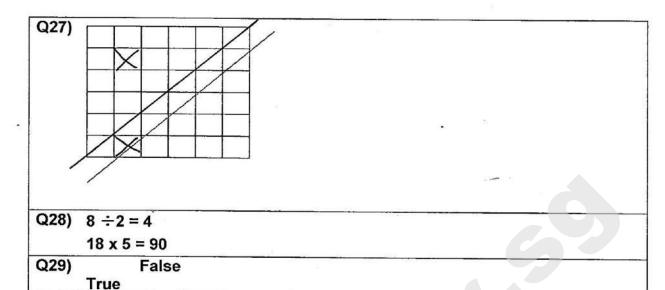
$$$20 \times 4 = $80$$

Q26)
$$24 \div 3 = 8$$

$$24 - 8 = 16$$

$$16 \times 2 = 32$$

$$32 - 24 = 8$$

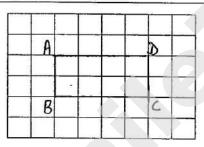


Q30) 128 + 13 = 141 141 - 57 = 84

PAPER 2

Q1) \$7x 4 = \$28 \$28 x 15 = \$420

Q2)



Q3) 16 x 16 = 256

256÷ 10 = 25.6 cm

Q4) $308 \div 7 = 44$

11 + 7 = 18 $44 \times 18 = 792$

Q5) 460 – 97 = 363

363 + 12 = 375

 $375 \div 5 = 75$

 $75 \times 4 = 300$

Q6) $$40 \div 4 = 10

6 x 2 = 12 \$10 x 12 = \$120

Q7) 1 L 90 ml = 1090ml

1090 + 380 = 1470

1470 ÷ 7 = 210 ml

Q8) $a)90 \div 3 = 30^{\circ}$

	20 - 0 - 222	
1	30 x 2 = 60°	
	b)BC	*
Q9)		
	261 - 37 = 224	
	224÷2 = 112	*
Q10)	26 - 10 = 16	
	$\frac{1}{2}$ x 26 x 16 = 208	
	$\frac{1}{2} \times 10 \times 10 = 50$	
	208 + 50 = 258 cm2	
Q11)	10 -3 = 7	
	$2730 \div 7 = 390$	
	10 + 3 = 13	
	$390 \times 13 = 5070$	
Q12)	12 x 2 = 144	
	1/8 x 144 = 18	
	$\frac{1}{2}$ x 35 x 20 = 350	
	350 - 18 = 332 cm2	
Q13)	$44 \div 6 = 7 R 2$	
	7 x \$15 = \$105	
	\$105 + \$3 + \$3 = \$111	
Q14)	405÷ 15 = 27	
	27 x 5 = 135	
Q15)	Coins : \$2 notes	10c coins : 20c coins : 50c coins
	7:5	2 : 5 : 4
	a) 660 ÷12 = 55	b) 5 + 4 + 2 = 11
	55 x 7 = 385	385÷ 11 = 35
		35 x 4 = 140
Q16)	a)26 / 32	140 x \$0.50 = \$70
•	b)9 $\times 8 - 16 = 56$	
	c) $176 - 8 = 168$	
	$168 \div 6 = 28$	
	28 + 1 = 29	#
Q17)	8f + 6p = 18p	
	$18 \div 3 = 6$	
	1/7 of R→6 pens	,
	$6 \times 7 = 42$	
	42 ÷ 2 = 21	
	21 x 3 = 63	
	63 ÷3 = 21 21 x 2 = 42	1
	LI X L - 4L	



Maha Bodhi School 2018 Semestral Assessment 1 Primary 5 Mathematics Paper 1 (Booklet A)

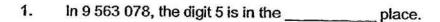
Name:	()	
Class : Primary 5			
Date : 4 May 2018			
Total Duration for Booklets A ar	nd B: 1 h	our	

INSTRUCTIONS TO CANDIDATES:

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Shade your answers in the Optical Answer Sheet (OAS) provided.
- 5. The use of calculators is **NOT** allowed.

This booklet consists of 7 printed pages.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. (20 marks) All diagrams are not drawn to scale.



- (1) millions
- (2) hundreds
- (3) ten thousands
- (4) hundred thousands



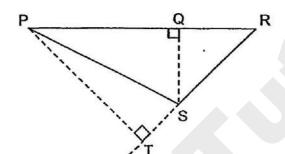
- (1) 24
- (2) 2
- (3) 3
- (4) 10

Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{2}$$
 , $\frac{2}{3}$, $\frac{2}{7}$

- (1) $\frac{2}{7}$, $\frac{1}{2}$, $\frac{2}{3}$
- (2) $\frac{2}{7}$, $\frac{2}{3}$, $\frac{1}{2}$
- (3) $\frac{2}{3}$, $\frac{1}{2}$, $\frac{2}{7}$
- (4) $\frac{2}{3}$, $\frac{2}{7}$, $\frac{1}{2}$

- 4. Which of the following will give 30.0 when rounded to 1 decimal place?
 - (1) 29.94
 - (2) 29.95
 - (3) 30.94
 - (4) 30.95
- 5. Which of the following pair shows the correct base and its corresponding height for finding the area of Triangle PRS?



Ī	Base	Height
(1)	TR	PT
(2)	SR	PS
(3)	PQ	SQ
(4)	PR	QS

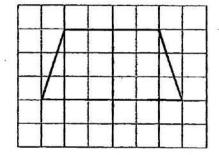
6. There are red and green apples in a box. $\frac{2}{5}$ of the apples are red.

What is the ratio of the number of green apples to the number of red apples?

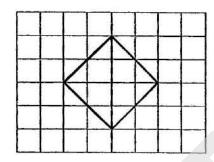
- (1) 2:3
- (2) 2:5
- (3) 3:2
- (4) 3:5

7. Which of the following is not a symmetric figure?

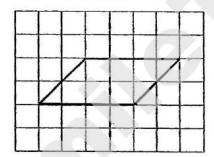
(1)



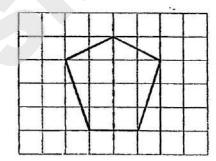
(2)



(3)



(4)



8. The digital scale below shows the mass of 3 identical boxes.
What is the mass of 2 such boxes?

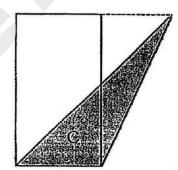
1.44 kg

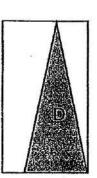


- (2) 96 g
- (3). 480·g
- (4) 960 g
- 9. The figures below show 4 identical rectangles.
 Which two of the shaded figures have the same area?



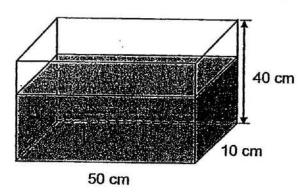






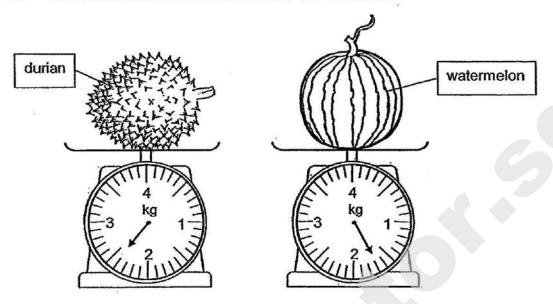
- (1) A and B
- (2) A and C
- (3) B and D
- (4) C and D

10. The figure below shows a rectangular tank which is $\frac{3}{4}$ filled with water. How much more water is needed to fill the tank completely?



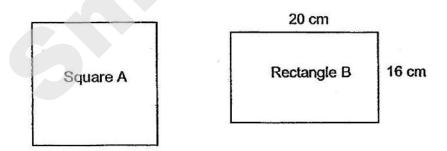
- (1) 5000 cm³
- (2) 10 000 cm³
- (3) 15 000 cm³
- (4) 20 000 cm³
- 11. John's age is a multiple of 7 this year. In 3 years' time, his age will be a multiple of 5. His age is between 20 and 60. How old is John this year?
 - (1) 32
 - (2) 35
 - (3) 42
 - (4) 45

12. How much heavier is the durian than the watermelon?



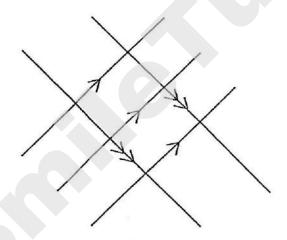
- (1) 0.7 kg
- (2) 1.7 kg
- (3) 2.4 kg
- (4) 4.1 kg
- 13. Square A has the same perimeter as Rectangle B.

Find the area of Square A.



- (1) 18 cm²
- (2) 72 cm²
- (3) 320 cm²
- (4) 324 cm²

- 14. Tom spent $\frac{1}{4}$ of his money at recess. He spent $\frac{1}{6}$ of his remaining money on lunch. What fraction of his money was left in the end?
 - (1) $\frac{1}{8}$
 - (2) $\frac{5}{8}$
 - (3) $\frac{5}{12}$
 - (4) $\frac{7}{12}$
- 15. How many pairs of parallel lines are there in the diagram?



- (1) 5
- (2) 2
- (3) 3
- (4) 4



Maha Bodhi School 2018 Semestral Assessment 1 Primary 5 Mathematics Paper 1 (Booklet B)

Name :	()	Marks:	
Class : Primary 5				25
Date: 4 May 2018				
Total Duration for Booklets A and	B: 1 hc	our		

INSTRUCTIONS TO CANDIDATES:

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- Answer all questions.
- 4. Write all your answers in this booklet.
- 5. The use of calculators is **NOT** allowed.

This booklet consists of 6 printed pages.

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks) All diagrams are not drawn to scale.

16.	Express $\frac{7}{8}$	as a decimal.
-----	-----------------------	---------------

Ans:		
71113		

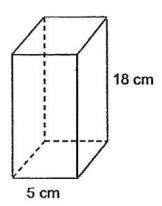
17. String A is 5.36 m long. It is 0.42 m longer than String B. How long is String B?

Ane:			
	Ans:		r

18. After revising his work for 45 minutes, Anu took a break at 12.20 p.m. What time did he start revising his work?

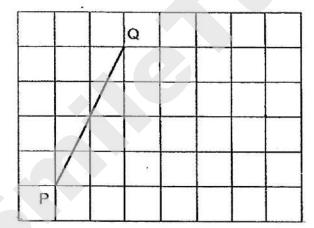


19. A solid cuboid of height 18 cm has a square base of side 5 cm. What is its volume?



Ans: _____ cm³

In the square grid below, draw a line QR such that QR is perpendicular to PQ.
 Label QR clearly.



Questions 21 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided.

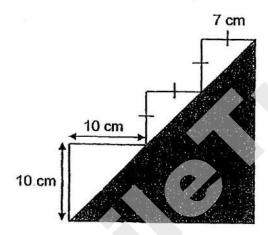
For questions which require units, give your answers in the units stated. (20 marks)

All diagrams are not drawn to scale.

21.	Find	the missing	number in	the	pattern	shown	below
-----	------	-------------	-----------	-----	---------	-------	-------

Ans; ____

22. Find the area of the shaded triangle.



Ans: _____cm²

23. The ratio of the number of pencils Linda has to the number of pencils Ken has is 3:2. Linda has 324 pencils. How many pencils does Ken have?

11 <u>2</u> 2	
Ans:	pencils

10

24. The table below shows the number of families with pets.

Number of pets	Number of families
0	18
1	25
2	12
3	9

How many families have at least 1 pet?

Ans:	families
71113.	iaitilles

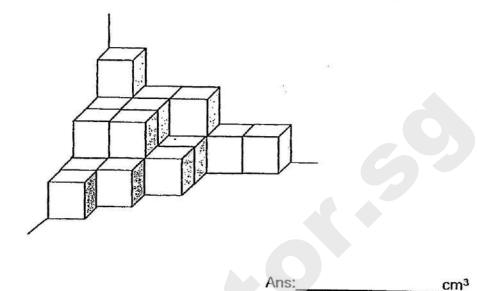
25. For every 3 prawn dumplings, Mother made 4 chicken dumplings.
She made a total of 252 dumplings. How many prawn dumplings did she make?

Ans:	prawn dumplings

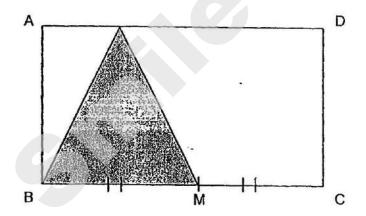
26. Pole A is 306 cm long. Pole B is thrice as long as Pole A.
What is the total length of the two poles in metres?

A			-
Ans:			m

27. The solid below is made up of 1-cm cubes. What is the volume of the solid?



28. In the diagram below, ABCD is a rectangle and BM = MC.
Express the area of the shaded part to the area of the unshaded part as a ratio in the simplest form.

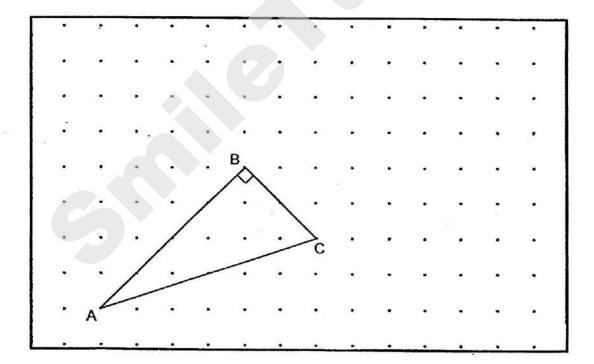


Ans: _____

29. There are 68 children and adults at a camp. $\frac{3}{5}$ of the number of children is equal to $\frac{1}{4}$ of the number of adults. How many more adults than children are there?

Ans:	more	adults
, mio		auunc

30. In the figure below, Triangle ABC is a right-angled triangle.
Triangle BCX is a right-angled triangle with the same area as Triangle ABC.
Draw Triangle BCX and label the point X.



, 4



Maha Bodhi School 2018 Semestral Assessment 1 Primary 5 Mathematics Paper 2

Name :	()	
Class: Primary 5			
Date: 4 May 2018			
Duration: 1 h 30 min			

INSTRUCTIONS TO CANDIDATES:

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write your answers in this booklet.
- 5. The use of an approved calculator is expected, where appropriate.

Paper	Booklet	Marks Obtained	ned Max Marks		
1	А		20		
	В		25		
2	-		55		
Total			100		

Parent's signature:	
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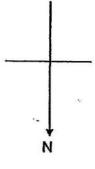
2. In the market, fish balls are sold at \$2.35 per 100 g. What is the amount of money Mother needs to pay if she wants to buy 600 g of fish balls. Ans: \$	unit	estions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for h question and write your answers in the spaces provided. For questions which require s, give your answers in the units stated. (10 marks) liagrams are not drawn to scale.
Ans:	1.	Henry cut an 8 m ribbon into 5 equal pieces. How long was each piece of ribbon?
2. In the market, fish balls are sold at \$2.35 per 100 g. What is the amount of money Mother needs to pay if she wants to buy 600 g of fish balls. Ans: \$		ove your answer as a mixed number in its simplest form.
What is the amount of money Mother needs to pay if she wants to buy 600 g of fish balls: Ans: \$		Ans:m
What is the amount of money Mother needs to pay if she wants to buy 600 g of fish balls: Ans: \$	2	In the market fish halfs II I see
Ans: \$		What is the amount of several to the
A fence is 6.3 m long. 90 cm of the fence is painted blue and the remainder is painted red. What is the ratio of the length of the fence painted red to the length of the fence painted blue? Ans:		what is the amount of money Mother needs to pay if she wants to buy 600 g of fish balls?
A fence is 6.3 m long. 90 cm of the fence is painted blue and the remainder is painted red. What is the ratio of the length of the fence painted red to the length of the fence painted blue? Ans:		
A fence is 6.3 m long. 90 cm of the fence is painted blue and the remainder is painted red. What is the ratio of the length of the fence painted red to the length of the fence painted blue? Ans:		
painted red. What is the ratio of the length of the fence painted red to the length of the fence painted blue? Ans:		Ans: \$
	i. ·	painted red. What is the ratio of the length of the fence painted red to the length of
		*
		Ans:
		1 /6

Caleb has 3 times as many erasers as Jim. After Caleb gave 6 erasers away and Jim 4. bought 4 more erasers, they both had the same number of erasers. How many erasers did Caleb have at first?

•	
Ans:	TOTAL PARKET PORTER TOTAL
A113	erasers

Xavier is standing in one of the square grids below. To his south-west is the school and 5. to his south is the food centre. Mark an "X" in the square grid where Xavier is standing.

Police Station	Food Centre	School		
			ar a	
	2 %	tion.	Community Centre	



For questions 6 to 17, show your working clearly and write your answers in the spaces provided. brackets [] at the end of each question or part	The number of marks quallable is at
All diagrams are not drawn to scale.	-question. (45 marks)

6. During a warehouse sale, all dresses were sold at a fixed price and all skirts were sold at another fixed price. Kelly bought 6 dresses and Molly bought 6 skirts. Molly paid \$59.70 more than Kelly. They paid \$377.70 altogether. How much did each dress cost?

Ans: _____[3]

7. Ben and Jerry had 394 stickers. After Ben received 190 stickers from his mother, the ratio of the number of stickers Ben had to the number of stickers Jerry had became 3: 1. How many stickers did Jerry have?

Ans: _____[3]

8. Joan had some 20¢ coins and 50¢ coins. The ratio of the number of 20¢ coins to the number of 50¢ coins is 7 : 2. The value of the 20¢ coins she had was \$480.20 . How many 50¢ coins did she have?

Ans:		[3]
1110.		10

9. Mrs Tan prepared some nuggets for the children who attended her child's birthday party. If she gives each child 4 nuggets, she will have 35 nuggets left over. If she gives each child 6 nuggets, she will have 11 nuggets left over. How many nuggets did Mrs Tan prepare? There are 4 strips of Milo in a carton. Each strip contains 6 packets of Milo.
 There are 200 residents in an elderly home.
 Mother wants to give each of the residents one packet of Milo.

(a) What is the least number of such cartons Mother needs to buy?

5

(b) How many packets of Milo would she have left?

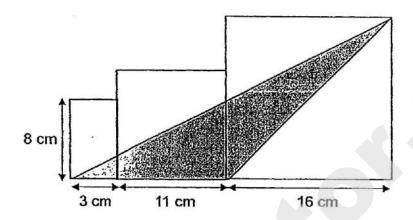
Ans: (a)	[2]
(b)	[2
X	
	/4

11. Martha withdrew $\frac{1}{5}$ of her savings from her bank in July. She spent \$920 of it and had \$400 left. In August, she deposited $\frac{1}{2}$ of her monthly salary in the bank and her savings increased to \$6720. What was Martha's monthly salary?

Ans:		[4]

 The figure below is made up of a rectangle and 2 different squares of sides 11 cm and 16 cm respectively.

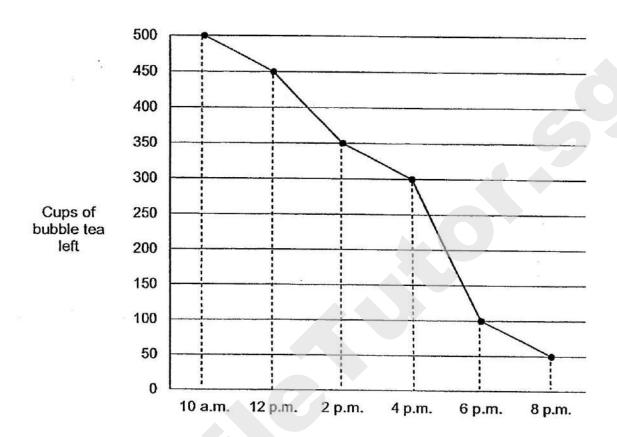
Find the total area of the unshaded parts in the figure.



Ans: _____[4]

7

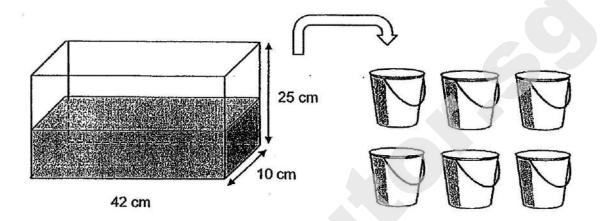
13. The line graph below shows the number of cups of bubble tea left in the bubble tea shop on Wednesday from 10 a.m. to 8 p.m. Each cup of bubble tea cost \$2.



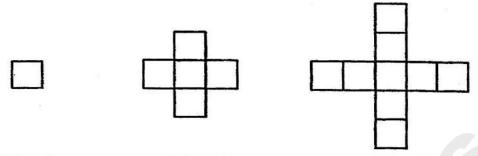
- (a) How many cups of bubble tea were sold by 4 p.m.?
- (b) How much money did the shop collect from selling cups of bubble tea from 4 p.m. to 8 p.m.?

14.	10 men can build 2 boats in 4 days. Working at the same rate, how many men are needed to build 5 boats in 1 day?
T::	
	Ans:[3]
	9

15. A rectangular tank measuring 42 cm by 10 cm by 25 cm was filled with water to a depth of 18 cm. Some water in the rectangular tank was then poured into 6 similar bucket. Each bucket has a capacity of 450 ml. How much water was left in the rectangular tank? Give your answer in litres and millilitres.



16. The figures below are made up of squares of side 1cm.



Pattern 1

Pattern 2

Pattern 3

Pattern	Number of squares	Perimeter (cm)
1	1	4 ·
2	5 .	12
3	9	20
4	13	28
5	(a)	•••
10		(c)
		•••
(b)	181	• • • • • • • • • • • • • • • • • • • •

11

- (a) Find the number of squares in Pattern 5.
- (b) In which Pattern will there be 181 squares?
- (c) What is the perimeter of Pattern 10?

(b) Pattern	
(c)	

17. There are 567 students in the hall.

 $\frac{2}{5}$ of the girls and $\frac{1}{2}$ of the boys wear glasses. A total of 249 students in the hall wear glasses.

- (a) What fraction of the students in the hall are boys? Express your answer in the simplest form.
- (b) When 5 of the girls who wear glasses left the hall, what fraction of the remaining girls in the hall wear glasses?

12

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ſ	

SCHOOL :

MAHA BODHI PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM :

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

4 I	્ય	. US	Q4	Q 5	Q6	Q7	Q8	∕ Q9	Q10
4	3	3	2	4	3	3	1 1	2	4

Q 11	Q12	Q13	Q14	Q15
3	1	4	2	4

PAPER 1 BOOKLET B

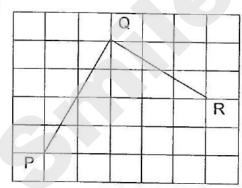


Q17) 5.36 - 0.42 = 4.94 m

Q18) 11.35 a.m.

Q19) $5 \times 5 \times 18 = 450 \text{cm}3$

Q20)



Q21) 20

Q22) 10 + 7 + 7 = 24

1/2 x 24 x 24 = 288 cm2

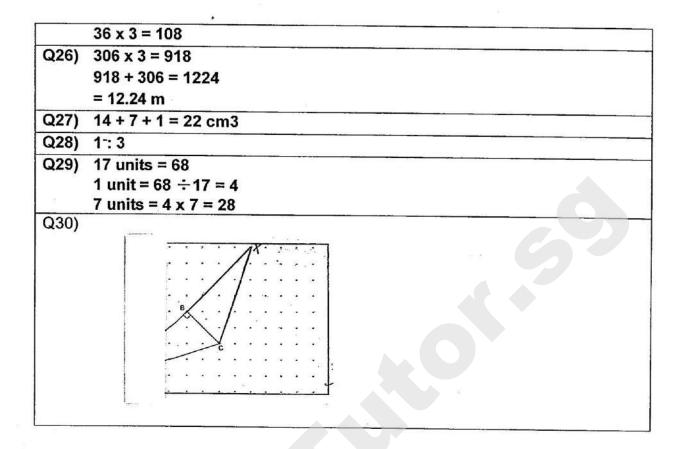
Q23) $324 \div 3 = 108$

 $108 \times 2 = 216$

Q24) 25 + 12 + 9 = 46

Q25) 4+3=7

 $252 \div 7 = 36$



PAPER 2

Q1)	$8 \div 5 = 8/5 = 13/5 \text{ m}$	
Q2)	600÷100 = 6	
20.59%	$2.35 \times 6 = 14.10	
Q3)	630 - 90 = 540	
	Red: Blue	
	540 : 90	
	6:1	
Q4)	6 + 4 = 10	
	2 units = 10	
	3 units = 10/2 x 3 = 15	
Q5)		
	X	
	^	
Q6)	377.70 - 59.70 = 318	
,	$318 \div 2 = 159$	
	$159 \div 6 = 26.50	
Q7)	394 + 190 = 584	
	4 units = 584	
	1 unit = 584 ÷4 = 146	
	1 unit - 304 . 4 - 140	

```
Q8)
        480.20 \div 0.20 = 2401
        7 units = 2401
        1 unit = 2401 ÷ 7 = 343
        2 units = 686
Q9)
        83
Q10) a)6 \times 4 = 24
         200 \div 24 = 8.333
         8 + 1 = 9
       b)9 x 24 = 216
         216 - 200 = 16
       1/5 of savings \rightarrow $920 + $400 = $1320
Q11)
       4/5 of savings \rightarrow$1320 x 4 = $5280
        \frac{1}{2} of savings \rightarrow$6720 - $5280 = $1440
        $1440 x 2 =$2880
Q12) 11 + 3 = 14
        1/2 x 14 x 16 = 112
       16 \times 16 = 256
       11 \times 11 = 121
        8 \times 3 = 24
        256 + 121 + 24 = 401
        401 - 112 = 289 \text{ cm}2
Q13) a)500 - 300 = 200
       b)500 - 50 = 450
        450 - 200 = 250
        250 \times 2 = $500
Q14) 4days
           2 boats → 10 men
           1 boat →5 men
       1day
           1 boat→20 men
           5 boats →100men
Q15)
       42 \times 10 \times 18 = 7560
       450 \times 6 = 2700
       7560 - 2700 = 4 L 860 ml
Q16) a)13 + 4 = 17
       b)181 - 1 = 180
          180 \div 4 = 45
         45 + 1 = 46
       c) 10 - 4 = 6
          28 + 6 \times 8 = 76
Q17) Let G represent the girls.
       Let B represnet the boys
```

$$\frac{138 - 5}{345 - 5} = \frac{133}{340}$$

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 1 BOOKLET A

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

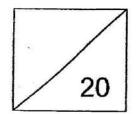
Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Shade your answers in the Optical Answer Sheet (OAS) provided.

The use of calculators is NOT allowed.

Name:	-	()
Class:	Primary 5		
Date:	4 May 2018		



This booklet consists of 6 printed pages including this page.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- 1 The value of the digit 6 in 8 697 025 is _____
 - (1) 6 x 100
 - (2) 60 x 100
 - (3) 60 x 1 000
 - (4) 600 x 1 000
- 2 Find the value of $24 \div (6 + 2 \times 3) + 9 \times (4 + 5)$.
 - (1) 83
 - (2) 91
 - (3) 99
 - (4) 181
- 3 Round 541 703 to the nearest thousand.
 - (1) 540 000
 - (2) 541 000
 - (3) 541 700
 - (4) 542 000
- - (1) $\frac{14}{15}$
 - (2) $1\frac{1}{2}$
 - (3) $1\frac{5}{8}$
 - (4) $2\frac{4}{15}$

- Mary had 2 m of ribbon. She used all of it to tie 3 similar presents. How much ribbon did she use to tie each present?
 - (1) $\frac{1}{6}$ m
 - (2) $\frac{1}{3}$ m
 - (3) $\frac{2}{3}$ m
 - (4) $1\frac{1}{2}$ m
- Mr Ahmad bought some minced beef. He used $\frac{1}{3}$ of it to make some beef balls and $\frac{1}{4}$ of the remainder to make some beef patties. What fraction of the beef was Mr Ahmad left with?
 - (1) $\frac{3}{4}$
 - (2) $\frac{1}{2}$
 - (3) $\frac{5}{12}$
 - (4) $\frac{1}{6}$
- 7 Jiemei bought 150 beads. 78 beads were yellow and the rest were green. What fraction of the beads she bought was green?
 - (1) $\frac{12}{25}$
 - (2) $\frac{13}{25}$
 - (3) $\frac{18}{25}$
 - (4) $\frac{44}{75}$

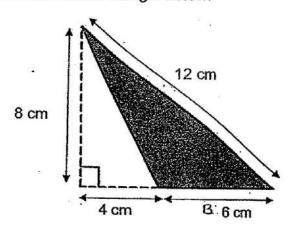
- Find the value $7\frac{1}{4} 5\frac{5}{6}$.
 - (1) $1\frac{5}{12}$
 - (2) $2\frac{5}{12}$
 - (3) $2\frac{7}{12}$
 - (4) $13\frac{1}{12}$
- 9 Which one of the following is not equal to $\frac{7}{9}$?
 - (1) 7÷9
 - (2) $\frac{1}{9} \times 7$
 - (3) $1-\frac{3}{9}$
 - (4) $\frac{4}{9} + \frac{1}{3}$
- 10 : 12 = 12 : 9

What is the missing number in the box?

- (1) 16
- (2) 15
- (3) 3
- (4) 9

- The ratio of the number of girls to the number of boys at a camp is 5:8. There are 102 more boys than girls. How many boys are there?
 - (1) 94
 - (2) 170
 - (3) 272
 - (4) 442
- A rope of length 72 cm was cut into three pieces. The first piece was three times as long as the second piece. The second piece was twice as long as the third piece. How long was the second piece?
 - (1) 12 cm
 - (2) 16 cm
 - (3) 18 cm
 - (4) 24 cm
- 13 Three boys, Aaron, Bob and Chris, shared a sum of \$1370 in the ratio of 1:3:6 respectively. How much more money did Bob receive than Chris?
 - (1) \$137
 - (2) \$274
 - (3) \$411
 - (4) \$685
- 14 Mary gave $\frac{1}{3}$ of her stickers to her sister and $\frac{5}{12}$ of the remainder to her brother. Mary then had 35 stickers left. How many stickers did Mary have at first?
 - (1) 30
 - (2) 60
 - (3) 90
 - (4) 140

15 Find the area of the shaded triangle below.



- (1) 24 cm²
- (2) 36 cm²
- (3) 40 cm²
- (4) 48 cm²

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 1 BOOKLET B

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet.

The use of calculators is **NOT** allowed.

Name:		()	
Class:	Primary 5		#
Date: 4 May 2018	Paper 1 Booklet A	/ 20	
		Paper 1 Booklet B	/ 25
		Paper 2	/ 55
Parent's	Signature:	TOTAL	/ 100

This booklet consists of 8 printed pages including this page.

Questions 16 to 20 carry 1 mark each provided. For questions which require stated.	16 to 20 carry 1 mark each. Write your answers in the spaces For questions which require units, give your answers in the units
	(5 marks)

Do not write in this space

Write eight million, eleven thousand and forty in figures.

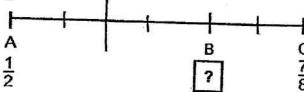
Ans:____

17 640 000 ÷
$$\boxed{}$$
 = 64 x 10

What is the missing number in the box?

Ans:____

In the number line shown below, the length of AB is twice of BC. A represents $\frac{1}{2}$ and C represents $\frac{7}{8}$. What fraction is represented at B? Give your answer in the simplest form.



Ans:____

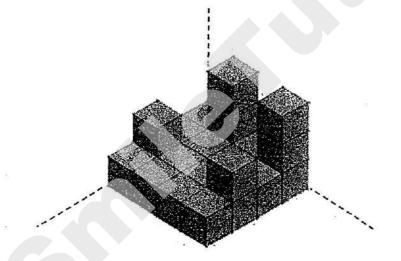
19	Mrs Koh bought 13 kg of meat for a barbeque.	She used $9\frac{2}{3}$ kg of it
	How much meat had she left?	. •

Do not write in this space

Ans: _____ kg



20 The solid below is made up of 1-cm cubes. Find the volume of the solid.



Ans:_ ____cm³

3

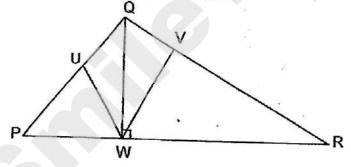
Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

Do not write in this space

There were 1500 spectators at a softball match. $\frac{1}{3}$ of them were men, $\frac{1}{5}$ were women and the rest were children. $\frac{3}{7}$ of the children were girls and the rest were boys. How many boys were at the match?

	1 1	
ns:		

22 The figure below is made up of triangles.



The statement below is either true, false or not possible to tell from the information given. Put a tick (\checkmark) in the correct column.

Statements	True	False	Not Possible to tell
(a) The line QW can be the height of both triangle QRW and triangle PQR.		-5	
(b) The base of triangle PQW is PQ. Its height is UW.		<u>-</u>	

23	
	_

4

23	Express $4\frac{11}{12}$ as a decimal. Give your answer correct to 2 decimal places.	Do not write in this space
	Ans:	
24	John's home is 6 km away from the library. He jogged $\frac{2}{3}$ of the distance	
	and walked the rest of the distance. What was the distance that he	
	walked?	
	Ans:m	
	5 (Go on to the next)	page)

25	Mr Wong bought $3\frac{1}{2}$ kg of chicken. He used $2\frac{2}{3}$ kg of it to cook some	Do not write
	curry. He gave $\frac{4}{7}$ of the remainder to Mrs Lim. How much chicken had	" uns spac
	he left in the end?	
	Ans:kg	L
26	The ratio of the amount of money Jane had to the amount of money Kathy had was 5:3. Jane had \$300 more than Kathy. How much money did they have altogether?	2
		8
		-
	_	Γ
	Ans: \$	
	6 (Go on to the next no	222

27	The ratio of the sides of a triangle is 3:2:4. The length of the longest side is 12 cm. What is the length of the shortest side of the triangle?	Do not write in this space
	Ans: cm	
*******		d.
28	There is a total of 82 apples and oranges in a box. There are 14 more oranges than apples. What is the ratio of the number of oranges to the number of apples? Express your answer in its simplest form.	
•		
	Ans:	
	7 (Go on to the next pa	ąge)

29	Luke wants to make a solid consisting of 64 cubes. After forming the solid below, he ran out of cubes. How many more cubes does he need to complete his task?	Do not write in this space
	Ans:	
30	Arief went to the bank to exchange \$295 for some \$2 and \$5 notes. He has 3 more \$5 notes than \$2 notes. How many \$2 notes did he receive?	
	Ans:	
	End of Paper	

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 2

Duration: 1h 30 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet.

The use of an approved calculator is expected, where appropriate.

Name:		()		
Class:	Primary 5			Γ	
Date:	4 May 2018				55
Parent's	Signature:			. L	

This booklet consists of 13 printed pages including this page.

	testions 1 to 5 carry 2 marks each. Show your working clearly and te your answers in the spaces provided. For questions which require ts, give your answers in the units stated. (10 marks)	Do not write in this space
1	Danny bought $4\frac{4}{5}$ kg of prawns at \$6 per kilogram and $3\frac{1}{5}$ kg of squid at	
	\$5 per kilogram. How much did he pay altogether?	
		89
	Ans: \$	
2	A shopkeeper sold an equal number of caps and shirts for \$312. A cap cost \$17. It was \$5 cheaper than a shirt. How many shirts did he sell?	
1656		
-		
	Ans:	
	2 (Go on to the next page	re)

3	There was an equal number of guppies and swordtails in an aquarium. After selling 581 guppies and 205 swordtails, there were 5 times as many swordtails as guppies left. How many guppies were in the aquarium at first?	Do not write in this space
	Ans :	
4	Find the area of the shaded figure in the diagram shown below.	E
	1 cm	
awa D	1 cm	
	*	
		· ·
	Ans: cm ²	

ABC is a right-angled triangle. DC is 22 cm. 5 Do not write Find the shaded area. in this space 24 cm 10 cm 26 cm Ans: $\,\mathrm{cm^2}$

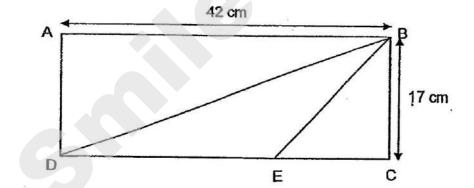
Spa	questions 6 to 17, show your working clearly and write your answers in the ace provided. The number of marks available is shown in brackets [] at end of each question or part-question. (45 marks)	Do not write in this space
6	Pears were sold in packets of 12 and each packet cost \$7. William had \$240. How many pears could he buy at most?	. Trig
	22/8	
	Ans: [3]	
	Ans:[3]	
7	At first, Lily had \$1144 and Diana had \$526. After they each spent an equal amount of money, Lily then had 4 times as much money as Diana. How much did each girl spend?	
i.		
		9
	÷	
		4
	Ans:[3]	
	5 (Go on to the next or	one)

8	Sharon baked some muffins. She gave $\frac{2}{5}$ of it to her sister and $\frac{2}{5}$ of	the
	remainder to her neighbour. She had 45 muffins left. How many muffins did she bake at first?	

Do not write in this space

	1	
Ans:	[3]	

9 ABCD is a rectangle. AB is 42 cm and BC is 17 cm. The ratio of the length of DE to the length of EC is 2 : 1. What is the area of triangle DBE?



Ans:	[3]	

6

10	A skirt costs 5 times as much as a blouse. Marie paid a total of \$132 for 2 identical skirts and 1 blouse. Find the cost of one skirt.	Do not write in this space
	2 0 ≪	
	An : [3]	
11	There were 225 more packets of sugar in Store A than in Store B. After 33 packets of sugar were transferred from Store B to Store A, there were 4 times as many packets of sugar in Store A as in Store B. How many packets of sugar were there in Store A at first?	
Sec.		
		8
	Ans: [4]	
	7 (Go on to the next p	age)

Mr Lim drove from Town A to Town C. After driving 3/8 of the distance, he stopped for lunch. After lunch, he drove for another 42 km before stopping at Town B to buy a drink. He then had 1/3 of the distance left. What was the distance between Town A and Town C?

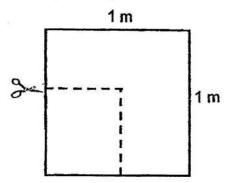
Do not write in this space

b 1		
Ans:	[4]	

8

Sheila bought a piece of cloth measuring 1 m by 1 m. She cut out a rectangle measuring $\frac{3}{5}$ m by $\frac{1}{2}$ m as shown below.

Do not write in this space



- (a) What was the area of the cloth left?
- (b) What was the perimeter of the remaining cloth?

Ans:	(a) _.	[2]	
	(b) _.	[2]	

9

14	Ali is three times as old as his son. He is 24 years older than his son. How many years ago was Ali four times as old as his son?	Do not write in this space
		mo opace
	*	
	* · · · · · · · · · · · · · · · · · · ·	
*		
¥1		
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•		
		and the second
	-	
	.11	
	Ano	1
	Ans: [4]	
	10 (Go on to the next next	اها

A teacher has a bag of marbles to distribute equally to his pupils. If each pupil gets 10 marbles, the teacher has 34 marbles left. If each pupil gets 12 marbles, the teacher is short of 48 marbles.

(a) How many pupils are there?

(b) How many marbles does the teacher have in the bag?

Do not write in this space

Ans: (a)	[3]	
(b)	[2]	

11

Peter, James, Mark and Ali shared the cost of a present. 16 Peter paid $\frac{3}{8}$ of the cost and James paid $\frac{1}{4}$ of the cost. Mark paid $\frac{1}{3}$ of the remaining cost and Ali paid the rest.

Do not write in this space

- (a) (b) What fraction of the cost of the present did Mark pay?
- Peter paid \$17 more than Ali. What was the cost of the present?

Ans : (a)	[2]	
(b)	[3]	

12

Sasha and Melissa had a total of \$360. Sasha gave $\frac{1}{6}$ of her amount to Melissa. Melissa then gave $\frac{3}{7}$ of her amount to Sasha. Both of them then had the same amount of money in the end. How much did each girl have at first?

Do not write in this space

	Sasha_ Melissa	*	_[² .	
End of Paper				

SCHOOL :

MGS PRIMARY SCHOOL

LEVEL

PRIMARY 6

SUBJECT:

MATH

TERM

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	08	09	J. Din
4	1	4	4	3	2	1	1	3	1

Q 11	Q12	Q13 -	Q14	Q15
3	2	3	3	1

PAPER 1 BOOKLET B

Q16)	8011040
Q17)	1000
Q18)	3/4
Q19)	3 1/3
Q20)	22 cm3
Q21)	400
Q22)	a)True b)False
Q23)	4.92
Q24)	2000 m
Q25)	5/14 kg
Q26)	\$1200
Q27)	6 cm
Q28)	24:17
Q29)	34
Q30)	40

PAPER 2

```
Q1)
         4 \times $6 = $24
         $6 \div 5 \times 4 = 4.8
         4.8 + 24 = 28.8
         3 \times 5 + 24 = 28.8
         5 \div 5 = 1
         15 + 1 = 16
         28.8 + 16 = $44.80
 Q2)
         $17 + $5 = $22
         $17 + $22 = $39
         $312 \div $39 = 8
 Q3)
        4u = 581 - 205 = 376
         1u = 376 \div 4 = 94
        94 + 581 = 675
        Area of Y = (\frac{1}{2} \times 2 \times 1)cm2 = 1 cm2
 Q4)
        Area of Z = (\frac{1}{2} \times 3 \times 1)cm2 = 1.5
        Area of X = (\frac{1}{2} \times 3 \times 1)cm2 = 1.5
        Area of fig = (3x3)cm2 = 9cm2
        (9 - 1.5 - 1.5 - 1)cm2 = 5cm2
        Area of whole = ( 1/2 x 24 x 10)cm2 = 120 cm2
 Q5)
        Area of Z = (\frac{1}{2} \times 4 \times 3) \text{cm}^2 = 6 \text{cm}^2
        120cm2 - 6cm2 = 114cm2
 Q6)
        $240 ÷ $7 = 34 R2
        34 \times 12 = 408
Q7)
        $1144 - $526 = $618 (3u)
        1u = $618 ÷ 3 = $206
        $526 - $206 - $320
Q8)
        45 \div 3 = 15
        15 \times 75 = 75
        75 \div 3 \times 5 = 25
Q9)
        42 \div 3 = 14
        14 + 14 = 28 (B of DEB)
        1/2 x 28 x 17 = 238cm2
Q10) 10u + 1u = 11u
        11u = $132
        1u = $132 \div 11 = $12
        5u = $12 \times 5 = $60
Q11) 225 + 33 + 33 = 291 (3u)
       291 \div 3 = 97 (1u)
       97 + 33 + 225 = 355
Q12) 8/8 - 3/8 - 1/3 = 24/24 - 9/24 - 8/24 = 7/24
       7/24 of the distance = 42 \div 7 = 6
       24/24 0f the distance = 6 x 24 = 144km
```

Q13)	a) ½ x 3/5 = 3/10 (area of cut out rec)	
	1 x 1 = 1 (area of whole fig before cu	t)
	1 - 3/10 = 10/10 - 3/10 = 7/10 m2	7
	b)(1 + 1 + $\frac{1}{2}$ + 3/5 + $\frac{1}{2}$ + 2/5)m = 4 m	
Q14)	24÷2 x 3 = 36 (Ali's age now)	•
	24÷ 3 x 4 = 32 (Ali's age Before)	
	36 - 32 = 4 years ago	
Q15)		
	1u = 82÷2 = 41	
	$b)41 \times 12 - 48 = 444$	
Q16)	a)8/8 - 2/8 - 3/8 = 3/8	
	$3/8 \div 3/1 = 3/8 \times 1/3 = 1/8$	
	b)1/8 of the present =\$17	
	8/8 of the present = \$17 x 8 = \$136	
Q17)	Sasha 54	
	Melissa 306	



NAN HUA PRIMARY SCHOOL SEMESTRAL ASSESSMENT 1 – 2018 PRIMARY 5

MATHEMATICS PAPER 1 (BOOKLET A)

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

- 1. Write your name and index number in the space provided.
- 2. Do not turn over the page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1-15.
- 6. The use of calculators is NOT allowed.

Name :	()
Class : 5		
Date : 8 May 2018	Parent's Signature :	



Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet.

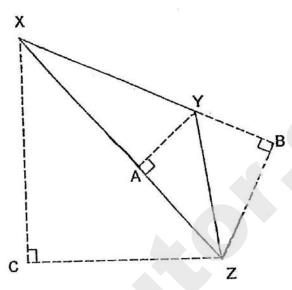
(20 marks)

- 1. What is the value of the digit 9 in 897 400?
 - (1) 900
 - (2) 9 000
 - (3) 90 000
 - (4) 900 000
- 2. How many thousands make 4 380 000?
 - (1) 438
 - (2) 4 380
 - (3) 43 800
 - (4) 438 000
- What is the product of 542 and 500?
 - (1) 2.710
 - (2) 27 100
 - (3) 271 000
 - (4) 2 710 000

- 4. Find the value of 60 24 ÷ (4 + 2) x 2
 - (1) 12
 - (2) 22
 - (3) 52
 - (4) 58
- 5. What are the common factors of 24 and 36?
 - (1) 1,3,9
 - (2) 1,4,8
 - (3) 2,3,8
 - (4) 2,4,6
- 6. Express $\frac{455}{100}$ as a decimal.
 - (1) 0.0455
 - (2) 0.455
 - (3) 4.55
 - (4) 45.5

- 7. Find the value of $\frac{6}{7} + \frac{1}{4}$
 - (1) $\frac{7}{11}$
 - $(2) \frac{24}{7}$
 - (3) $1\frac{3}{28}$
 - (4) $3\frac{3}{7}$
- 8. Ali had $\frac{3}{4}$ m of rope. He used $\frac{1}{5}$ of it.
 - What was the length of the remaining rope?
 - (1) $\frac{3}{5}$ m
 - (2) $\frac{3}{20}$ m
 - (3) $\frac{11}{20}$ m
 - (4) $\frac{1}{20}$ m

9. In the figure below, not drawn to scale, XYZ is a triangle.
Given that XY is the base which one of the following is the height?



- (1) AY
- (2) CX
- (3) YZ
- (4) BZ
- Mary's height is 144 cm. Susan's height is 18 cm more than Mary's.
 Find the ratio of Susan's height to Mary's height.
 - (1) 4:3
 - (2) 8:1
 - (3) 8:9
 - (4) 9:8

11. Jane saves \$144 in six months.

She saves \$6 more than Bala every month.

How much does Bala save every month?

- (1) \$18
- (2) \$23
- (3) \$25
- (4) \$30
- 12. Jeremy had \$100.

He paid \$27 for a toy car and twice as much for a pair of shoes.

How much money did he have left?

- (1) \$19
- (2) \$46
- (3) \$54
- (4) \$81
- 13. A box had 40 biscuits $\frac{1}{4}$ of them were chocolate biscuits.

 $\frac{1}{8}$ of them were raisin biscuits and the rest were sugar biscuits.

How many sugar biscuits are there?

- (1) 15
- (2) 25
- (3) 30
- (4) 35

14.	Alex is 15 years old. Ben is 5 years younger than Alex. Cory is 4 years
	younger than Ben. Find the ratio of Alex's age to Cory's age.

- (1) 2:5
- (2) 3:2
- (3) 5:2
- (4) 5:3
- 15. Study the number pattern below.



What is the 59th shape in the pattern?

- (1)
 - (2)
 - (3)
 - (4)



NAN HUA PRIMARY SCHOOL SEMESTRAL ASSESSMENT 1 – 2018 PRIMARY 5

MATHEMATICS PAPER 1 (BOOKLET B)

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

- 1. Write your name and index number in the space provided.
- 2. Do not turn over the page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- 5. Write your answers in this booklet.
- 6. The use of calculators is NOT allowed.

Marks Obtained

Paper 1	Booklet A	/ / 45
	Booklet B	
Paper 2		/ 55
Total		/ 100

Name :)
Class : 5		
Date : 8 May 2018	Parent's Signature :	

	hich require units, give your ansv	wers in the units stated. (5 ma
	41-72	
3. Write	eight hundred and thirteen thous	sand and ninety-four in numerals.
		Ans:
177		
(111	, ,,, , *
7. Find	the value of 789 X 80.	2 Apr (A (1) 800) (0)
		Ans:
	p)	e Year XX
8. 7 bo	ys share 3 pizzas.	
	t fraction of the pizza did each bo	ny net?
	ess your answer as a fraction in i	
Expi	ess your answer as a fraction in i	us simplest form.

19. Arrange the following distances from longest to shortest.

8 <mark>7</mark> m

8 m 7 cm

 $8\frac{3}{5}$ m

_	_	_	_	-	-
	11	1	24	0	st)
	U	U	19	C.	σij

20. 45 650 chicken wings were served during a school camp. This was 955 more than the number of hotdogs served. How many hotdogs were served?

Ans:_____

Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks) 21. A number when rounded to the nearest tenth is 6.6. What is the smallest possible number? 22. I am an even number. I am between 70 and 90. Some of my factors include 3, 4, 8. What number am 1?

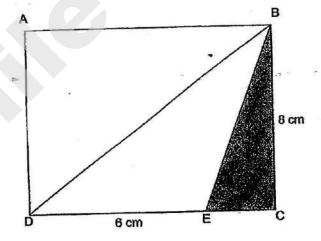
Ans:

23. The distance from Jamie's house to school is $\frac{3}{4}$ km.

Jamie walks to school and takes the same route home every day. What distance does he cover from Monday to Friday? Express your answer as a mixed number in its simplest form.

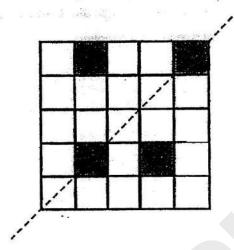
Ans:	km

24. ABCD is a rectangle. The perimeter of ABCD is 34 cm. The length of DE is 6 cm. The length of BC is 8 cm. Find the area of the shaded part.



Ans: cm²

25. Shade 2 more squares to complete the symmetric figure.
The dotted line is the line of symmetry.



26. Find the value in the box.

04 - 05 - 04 - 47 - 04 -	
$24 \times 25 = 24 \times 17 + 24 \times$	

Ans:			
Alla.			

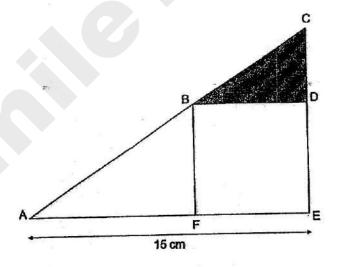
27. A ribbon 9 m long is cut into 4 identical shorter pieces.
What is the total length of 3 identical shorter pieces of ribbon?
Express your answer in mixed number in the simplest form.

Ans: m

28. The total cost of 2 similar boxes of cupcakes and a box of brownies cost \$30.
The total cost of 5 such boxes of cupcakes and 5 such boxes of brownies cost \$105. Find the cost of 1 box of cupcake.

Amas	4		
Ans:	.D		-80

29. The figure below is not drawn to scale. The area of triangle ACE is 75 cm². The area of square BDEF is 36 cm². The length of AE is 15 cm. Find the shaded area.



Ans:	cm ²
AUS.	OIII

A square with perimeter 48 cm below is cut into 6 equal rectangles.
 Find the area of one of these rectangles.

Perimeter = 48 cm

Ans: cm²

End of Booklet B



NAN HUA PRIMARY SCHOOL SEMESTRAL ASSESSMENT 1 – 2018 PRIMARY 5

MATHEMATICS Paper 2

Total Time for Paper 2: 1 hour 30 minutes

INSTRUCTION TO CANDIDATES

- 1. Write your name and index number in the space provided.
- 2. Do not turn over the page until you are told to do so.
- 3. Follow all instructions carefully
- 4. Answer all questions.
- 5. Write your answers in this booklet.
- 6. The use of an approved calculator is expected, where appropriate.

Marks Obtained

Total	Max Mark
	55

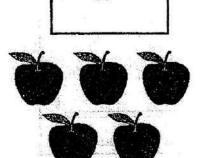
Name:	
Class : 5	
Date: 8 May 2018	Parent's Signature :

Questions 1 to 5 carry 2 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this space

(10 marks)

1. Jessie bought 30 apples. How much did she pay?



Apples

Ans: \$

- 2. In a party of 30 people, 12 are adults. The rest are children.
 - a) Find the ratio of the number of adults to the number of children.
 - b) Find the ratio of the number of children to the total number of people.

Give your answer in its simplest form.

Ans: (a)

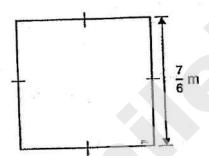
(b) .

3. Mary had some water in a container. After she poured out $2\frac{1}{4}$ of water, there was $3\frac{1}{6}$ of water left. How many litres of water were there in the container at first? Give your answer as a mixed number in its simplest form.

Do not write in this space

Ans:			Ł
1110.			_

 Find the area of the square below. Express your answer as a mixed number in its simplest form.



Ans: _____ m²

5. Rachel has 30 marbles more than Michael. After Michael gives Rachel 15 marbles, he has 20 marbles left. How many marbles does Michael have at first?

Ans:____

For questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

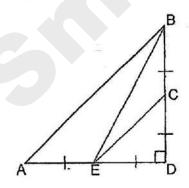
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(45 marks)

6. Anthony has \$45. Ben has \$8 more than Anthony. Charles has \$7 more than Ben. Find the ratio of Charles' money to the total amount of money the three of them have. Give your answer in its simplest form.

Ans: [3]

- 7. Triangle ABD is made up of triangle ABE, triangle BEC and triangle CED The area of triangle BED is 16 cm².
 - a) What is the area of triangle ABE?
 - b) What is the area of triangle EBC?



Ans: a)____[1]

b) [2]

Do not write in this space

8. John and Mark shared \$170. John spend $\frac{1}{5}$ of his money and Mark spent \$10 more than John. The amount of money John had left was twice as much as the amount Mark has left. How much money did John spend?

Ans: [3]

9. Strings were sold in rolls of 100cm each. Jess needed 13 pieces of string, each of length 22cm for a party. What is the least number of rolls of strings Jess need?

Ans: [3]

). Ti	A				profession to		12
rc	here are son otten ones. T	ne mangoes i There are 35 g	n a crate. Fo	or every 5 go es. How ma	ood mangoe ny more go	es, there are od mangoes	Do not w
th	an rotten m	angoes are t	nere?			_	
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ı, A	bowl cost	4 times as mu	ich as a cup	. Mrs Lee pa	id a total of	\$56 for 3	
ic	dentical cup	4 times as mu s and a bowl	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	bowl cost 4 dentical cup nd a cup?	4 times as mu s and a bowl	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
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ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
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ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	
ic	dentical cup	4 times as muss and a bowl.	ich as a cup . What was t	. Mrs Lee pa	id a total of e in price b	\$56 for 3	

12. Bobby has some balloons $\frac{1}{3}$ of them are white, $\frac{5}{12}$ of them are red and the rest are blue. There are 24 more red than blue balloons. How many white balloons are there?

Do not write in this space

Ans: [4]

13.	Alex, Mary and Peter have 100 stickers altogether. Mary has 4 more stickers	Do not write in this space
16	than Alex. Peter has twice as many stickers as Mary. How many stickers	
8 31	does Peter have?	
	· ·	
		20 20 30 50 10 10 10
		1
		1
	W.	
	§	
4		
	Ans:[4]	

7

14. Mrs Tan spent $\frac{1}{4}$ of her money on a necklace and $\frac{1}{5}$ of the remainder on a bag. She gave her daughter \$60 and had \$156 left.

Do not write in this space

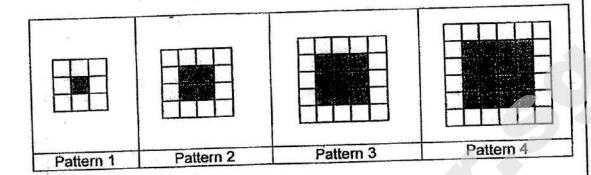
- a) What fraction of her money did Mrs Tan spend on the bag?
- b) How much money did Mrs Tan spend on the necklace?

Ans: _____

books	and Felice had an and Felice gave a ice. How many boo	way 174 books. E	ileen has 3 times	as many books	Do not write in this space
as reii	ice. How many boo	oks did Elleeli alii	i ence each nav	e at mote	
					1
	32 ¹		2.		
				(20)	
					I
					•
	PTF			- ,	
				×	
			Ane:	[41	
			Ans:	[4]	

16. Some squares are used to

Do not write in this space



- (a) What is the number of white squares in pattern 5?
- (b) What is the number of shaded squares in pattern 8?
- (c) What is the total number of squares in pattern 7?

Ans: a)	· · ·	_[1]
b)		[1]
c)	. *	[2]

17. Tom and Jerry had \$160 altogether. Jerry gave $\frac{4}{7}$ of his money to Tom. After that, Tom gave $\frac{3}{5}$ of his money to Jerry. In the end, Tom had $\frac{1}{4}$ of the total sum of money. How much money did Tom have at first?

Do not write in this space

Ans: [4

--- End of Paper 2 ---

SCHOOL

NAN HUA PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	3	3	4	3	3	1	4	4

Q 11	Q12	Q13	Q14	Q15
1	1	2	3	4

PAPER 1 BOOKLET B

Q16)	813094	A	
Q17)	63120		
Q18)	3/7		
Q19)	87/10 m , 83/5 m , 8 m 7 cm		
Q20)	44695		
Q21)	6.55	2 _ 2 _ 2 _ 2	
Q22)	72		
And the second second	7½ km		
1941	12 cm2		
		30 20	
Q26)	The state of the s		
Q27)	The state of the s		
Q28)		W	
Q29)			
Q30)	24 cm2		

PAPER 2

```
Q1)
       30 \div 5 = 6
       6 \times 3 = $18
       a)A : C
Q2)
         12:18
         2:3
       b)C:A+C
         18:18+12
         18:30
          3:5
       21/4 + 31/6 = 5 5/12
Q3)
        7/6 \text{ m} \times 7/6 \text{ m} = 49/36 \text{ m}
Q4)
        = 113/36 m2
        20 + 15 = 35
Q5)
        A->$45
 Q6)
                               - $4 + $5 + $60 = $158
        B \rightarrow $45 + $8 = $53
        C \rightarrow $53 + $7 = $60
        Charles : total
                       158
           60
                       79
           30
        a)Area of ABE = area of BED
 Q7)
          16cm2 = 16cm2
         b)16cm2 \div 2 = 8cm2
         $170 - $10 = $160
 Q8)
         8 units= $160
         1 unit =$160 ÷ 8 = $20
         100cm ÷22cm = 4 R 12cm
  Q9)
         13 ÷4 = 3 R 1
         3 + 1 = 4
          G:R
  Q10)
           5: 3
         35: 21
         35 - 21 = 14
  Q11) 4u + 3u = $56
          7u = $56
          1u = $56 \div 7 = $8
          4u -- 1u = 3u
          3u = $8 x 3 = $24
          1/3 x 4 = 4/12 (white)
   Q12)
          Total→12u
          White→4u
```

	Red→5u	•
	Blue \rightarrow 12u - 4u - 5u = 3	u
	5u – 3u = 2u	
	2u = 24	
	$4u = 24 \times 2 = 48$	
Q13)	100 + 4 = 104	
	4 units = 104	
	1 unit = $104 \div 4 = 26$	
	26 x 2 = 52	
Q14)	a) $1 - \frac{1}{4} = \frac{3}{4}$	
,	$1/5 \times \frac{3}{4} = 3/20$	
	b) $\frac{1}{4} = \frac{5}{20}$	total
		5u 3u 12u = \$60 + \$156 =
	\$216	
		(necklace(?) bag
	$1u = $216 \div 12 = 18	
	$5u = $18 \times 5 = 90	
Q15)	174 - 70 = 104	
35	2 units = 104	
	1 unit = $104 \div 2 = 52$	
	3 units = 52 x 3 = 156	
046	156 + 70 = 226	
Q16)	a)24 b)8 x 8 = 64	
	c)13 + 2 = 15	
	49 + 15 = 64	
	49 + 15 - 64 15 + 2 = 17	
	10 7 2 - 17	
	64 + 17 = 81	
Q17)	64 + 17 = 81 \$20	



FIRST SEMESTRAL EXAMINATION 2018

PRIMARY 5

PAPER 1 (BOOKLET A)

Total Duration for Booklets A and B: 1 hour

Additional materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO PUPILS

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Shade your answers in the Optical Answer Sheet (OAS) provided.
- 5. The use of calculators is NOT allowed.

Name:		()
Class: Primary 5 ()		

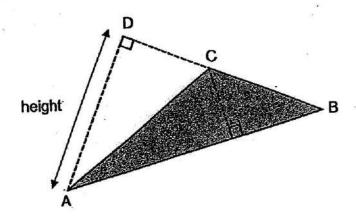
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (20 marks)

- 1 Find the value of $8 \times (4 + 2) 4 \div 2$.
 - (1) 8
 - (2) 15
 - (3) 22
 - (4) 46
- Which one of the following numbers has the digit 5 in the thousands place?
 - (1) 214 758
 - (2) 241 578
 - (3) 245 178
 - (4) 251 478

- 3 Express $\frac{5}{8}$ as a decimal.
 - (1) 0.058
 - (2) 0.58
 - (3) 0.625
 - (4) 0.875
 - 4 Find the value of 38.9 × 400.
 - (1) 155.6
 - (2) 1556
 - (3) 15 560
 - (4) 155 600
 - 5 Express 28 km 45 m in kilometres.
 - (1) 2.845 km
 - (2) 28.045 km
 - (3) 28.450 km
 - (4) 284.5 km

- 6 Which one of the following is the same as 37 ones and 65 thousandths?
 - (1) 3.765
 - (2) 37.065
 - (3) 37.65
 - (4) 3765
- 7 Express 0.112 as a fraction in the simplest form.
 - (1) $\frac{3}{25}$
 - (2) $\frac{12}{100}$
 - (3) $\frac{14}{125}$
 - (4) $\frac{112}{1000}$

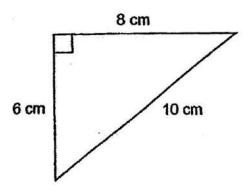
8 In the figure below, ABC, ABD and ACD are triangles.



Given that AD is the height of triangle ABC, what is its base?

- (1) AB
- (2) BC
- (3) BD
- (4) AC

9 Find the area of the triangle below.



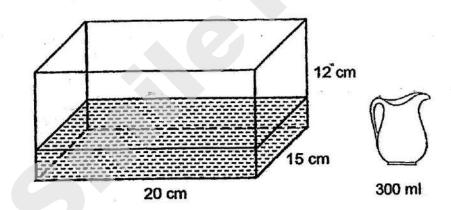
- (1) 24 cm²
- (2) 30 cm²
- (3) 40 cm²
- (4) 48 cm²

10 Express 6 litres in cm³.

- (1) 6 cm³
- (2) 60 cm³
- (3) 600 cm³
- (4) 6000 cm³

- Four children shared a packet of sweets. After each of them received 15 sweets, there were 5 sweets left. What was the total number of sweets in the packet?
 - (1) 35
 - (2) 50
 - (3) 60
 - (4) 65
 - Devi wants to pack 205 050 paper clips into some boxes. Each box can hold 100 paper clips. What is the smallest number of boxes she needs to hold all her paper clips?
 - (1) 25
 - (2) 26
 - (3) 2050
 - (4) 2051

- The mass of package A was 18.9 kg. Package A was 3.75 kg heavier than package B. Package C was 2.3 kg heavier than package B. What was the mass of package C?
 - (1) 12.85 kg
 - (2) 15.15 kg
 - (3) 17.45 kg
 - (4) 20.35 kg
- A rectangular tank measuring 20 cm by 15 cm by 12 cm is partially filled with water to a height of 2 cm. What is the smallest number of flasks of water that has to be added to fill the tank completely, given that each flask can hold 300 ml of water?



- (1) 10
- (2) 2
- (3) 3
- (4) 12

- Mrs Lee had a total of 369 red and blue buttons. $\frac{7}{9}$ of the buttons were red. How many more red buttons than blue buttons did she have?
 - (1) 41
 - (2) 82
 - (3) 205
 - (4) 287



FIRST SEMESTRAL EXAMINATION 2018

PRIMARY 5

PAPER 1 (BOOKLET B)

Total Duration for Booklets A and B: 1 hour

INSTRUCTIONS TO PUPILS

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write your answers in this booklet.
- 5. The use of calculators is NOT allowed.

Name:		()
Class: Primary 5 ()		

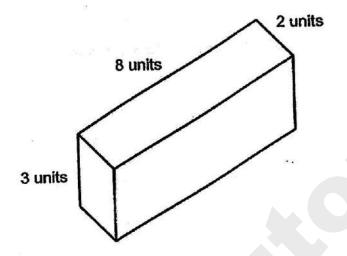
Booklet B / 25

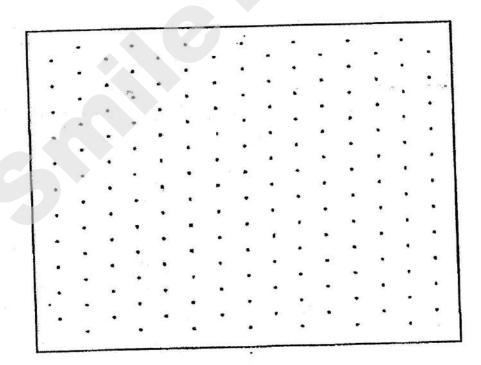
Any query on marks awarded should be raised by 17 May 2018. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.



A CONTRACTOR OF THE PARTY OF TH	ded. For questions which require units, give your answers in the units d. (5 marks)
16	Write seven hundred and forty-two thousand and two in numerals.
	Ans:
17	Find the value of 45 – 15 ÷ 5 + 30 × 2.
	Ans:
18	Yvette spent $\frac{1}{5}$ of her money on transport and $\frac{5}{8}$ of the remaining money on food. What fraction of her money did she spend on food? Give your answer in the simplest form.
	Ans:
19	Evan paid \$4.80 for 4 oranges and \$6.90 for 3 apples. How much would 8 such oranges and 6 such apples cost altogether?
	Ans: \$

20 Draw the solid shown below on the given isometric grid.





	answers in the spaces provided. For answers in the units stated.	, quodiono min	(20 marks)
-	· · · · · · · · · · · · · · · · · · ·		-
21	The length of a rope was 9 m lon What was the length of each piece answer as a fraction in the simples	of rope after it	
		*	
		Ans:	m
22	Anderson watched a movie that las	sted 1 h 44 min.	The movie ended at
	21 30. At what time did the movie hour clock format.	e start? Give ye	
		e start? Give ye	
		e start? Give ye	
		e start? Give ye	
		e stant? Give ye	
50			
23		Ans:	
23	What is the missing number in the	Ans:	
23	What is the missing number in the	Ans:	
23	What is the missing number in the	Ans:	

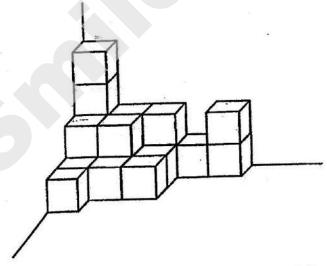
24 The product of two numbers is 2508. The smaller number is 4. Find the larger number and round it to the nearest hundred.

Ans:	V	

The mass of an empty box was 0.32 kg. Its mass was 40 times as heavy as the mass of one marble. What was the total mass of the empty box and 10 such marbles?

	1
Ans:	kg

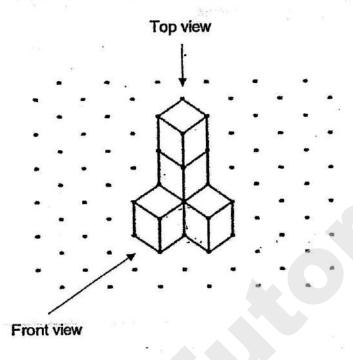
26 The solid below is built using unit cubes.



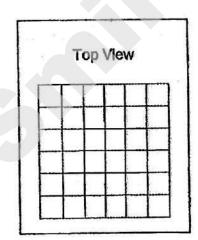
How many unit cubes are used to build the solid?

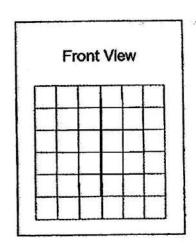
Ans:	

27 The solid below is built with unit cubes.



Draw the top view and front view of the solid on the square grids provided below.



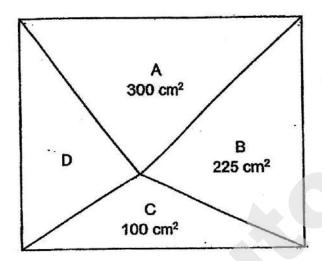


28	There are 7	£ 9 ml of water in	container A.	Container B has twice as
33	much water	as container A.	Find the total	amount of water in both
	containers.	Give your answer	in litres.	

Alice bought a blouse and a dress. 29 the blouse. The dress cost \$153. She gave the cashier \$200. How much change did she receive?

The dress cost 6 times as much as

30 In the figure below, the rectangle is divided into 4 triangles. The areas of triangles A, B and C are 300 cm², 225 cm² and 100 cm² respectively. Find the area of triangle D.



Ans:	cm ²

End of Paper



FIRST SEMESTRAL EXAMINATION 2018

PRIMARY 5

MATHEMATICS PAPER 2

Duration: 1 hour 30 minutes

INSTRUCTIONS TO PUPILS

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write your answers in this booklet.
- 5. The use of an approved calculator is expected, where appropriate.

Name:	()	
Class: Primary 5 ()	Booklet A	/ 20
Parent's Signature:	Booklet B	/ 25
	Paper 2	/ 55
	Total	/ 100

Any query on marks awarded should be raised by 17 May 2018. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Questions 1 to 5 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

1 A jug contained 3 litres of water. Mary drank $\frac{2}{5}$ of it. How much water was left in the jug?

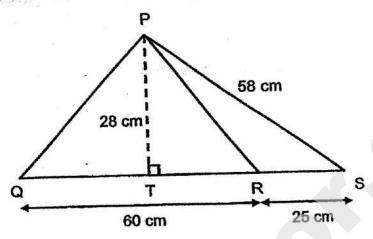
Ans: _____ m

Sandra had $5\frac{4}{5}$ m of cloth. She gave $2\frac{7}{10}$ m of cloth to her sister. She then bought $3\frac{3}{4}$ in of cloth. How many metres of cloth did she have in the end? Give your answer as a mixed number in the simplest form.

Ans:

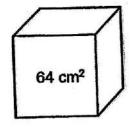
The figure below is made up of triangle PQR and triangle PRS.

QTRS is a straight line. PT = 28 cm, PS = 58 cm, QR = 60 cm and RS = 25 cm. Find the area of triangle PQS.



	2
Ans:	cm ²
UI IO	

The area of each face of the cube below is 64 cm². What is the volume of the cube?



Ans:	1	 cm
	343	

There are thrice as many red markers as blue markers. Each red marker cost \$4. Each blue marker cost \$2.50. The red markers cost \$38 more than the blue markers. How many blue markers are there?

Ans:		-12000

For questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (45 marks)

The length of each side of a square is $\frac{9}{5}$ m. What is the total area of 5 such squares? Give your answer as a mixed number in the simplest form.

Ans: _____[3]

Matthew spent $1\frac{3}{5}$ h to complete his Mathematics homework. The amount of time he spent on completing his Chinese homework was twice the amount of time he spent on completing his Mathematics homework. How much time did he take to complete both his Mathematics and Chinese homework?

Ans: _____[3]

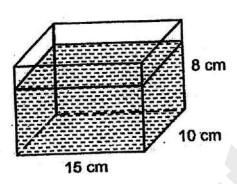
8 En Xi bought an equal number of red and white pieces of ribbons. She bought a total of 252 m of ribbons. Each piece of red ribbon was 15.5 m long. Each piece of white ribbon was 3 m shorter than each piece of red ribbon. How many pieces of red and white ribbons did she buy in all?

Ans: [3]

9 Shania and John had some stamps. Shania had 5 times as many stamps as John. After Shania gave 24 stamps to John, both of them had an equal number of stamps. How many stamps did both of them have altogether?

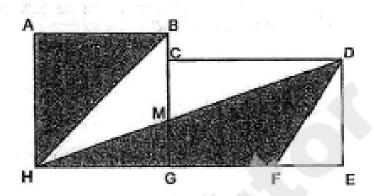
Ans: _____[3]

A rectangular tank measuring 15 cm by 10 cm by 8 cm was $\frac{3}{4}$ filled with water as shown below. 378 ml of the water were poured out from the tank. How much water was left in the tank? Give your answer in litres.



Ans:	 [3]

11 The figure below is made up of square ABGH and rectangle CDEG. Each side of square ABGH is 8 cm. BC = 1 cm, CD = 10 cm and FE = 4 cm. HMD and HGFE are straight lines. Find the total area of the shaded parts.



Ans:	[47]
Callia.	

- A baker packed 407 muffins into boxes of 12 muffins with some left over. He sold each box of 12 muffins for \$15 and the remaining muffins at \$1.50 each.
 - (a) How many boxes of 12 muffins did he pack at most?
 - (b) What was the smallest amount of money that he collected altogether from the sale of all the muffins?

Ans:	(a)	[2
jan s	(b)	[2

13 The Jubilee Performing Arts Group held a musical at a concert hall. The prices for the tickets are shown below.

JUBILEE PERFORMING Musical by Mo	
Ticket	Price Per Ticket
Type A	\$12
Туре В	\$5
Type C	\$2

711 tickets were sold and a total of \$5715 was collected from the sale of tickets. \$1155 was collected from the sale of Type B tickets.

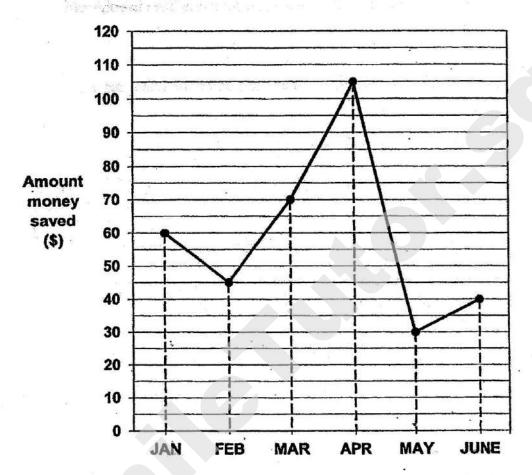
- (a) How many Type B tickets were sold?
- (b) How many more Type A tickets than Type C tickets were sold?

Ans:	(a)	 [1]

- 14 En Hui and Zavier had 480 soccer cards altogether. Zavier gave $\frac{1}{5}$ of his cards to En Hui. After receiving the cards from Zavier, En Hui then gave $\frac{1}{3}$ of the total number of cards she had to Zavier. Both of them had the same number of cards in the end.
 - (a) How many cards did Zavier have at first?
 - (b) How many cards did En Hui have at first?

		159 asses
Ans:	(0)	[2]
Alis.	(0)	

Jia Heng received \$200 each month for his pocket money. The line graph below shows the amount of pocket money he saved each month from January to June.



- (a) In April, Jia Heng only spent on transport and on food.

 He spent \$71.85 on transport. How much money did he spend on food in April?
- (b) How much money did Jia Heng save in total over the 6 months from January to June?

Ans:	(a)		[2]
------	-----	--	-----

- Ravi had some twenty-cent coins and some fifty-cent coins. The number of twenty-cent coins was 4 times as many as the number of fifty-cent coins. He exchanged 100 twenty-cent coins for fifty-cent coins of the same value. He then had 38 more fifty-cent coins than twenty-cent coins.
 - (a) How many more twenty-cent coins than fifty-cent coins did Ravi have at first?
 - (b) How much money did Ravi have?

Ans:	(a)	 [3]
9* 123	(b)	 [2]

- Ahmad had a sum of money at first. He spent $\frac{1}{3}$ of his money on 12 cupcakes and $\frac{3}{8}$ of his remaining money on 8 muffins. He was then left with \$18.
 - (a) How much did each muffin cost?
 - (b) How much did he have at first?

Ans:	(a)	 [3]

End of Paper

SCHOOL :

NANYANG PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT :

MATH

TERM :

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	3	3	2	2	3	2	1	4

		Committee of the Commit	• •	
Q 11	Q12	Q13	Q14	Q15
4	4	3	1	3

PAPER 1 BOOKLET B

Q16) 742 002

Q17) 102

 $\frac{5}{8} \times \frac{4}{5} = \frac{1}{2}$ Q18)

Q19) $4 \times 2 = 8$

 $3 \times 2 = 6$

\$4.80 + \$6.90 = \$11.70

 $$11.70 \times 2 = 23.40

Q20)



Q21) 3

Q22) 19 46

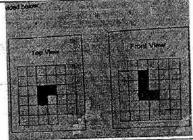
Q23) 1000

2508 ÷ 4 = 627 Q24)

≈ 600

Q25) $0.32 \div 4 = 0.08$

0.32 + 0.08 = 0.4



$$400 - 225 = 175 cm^2$$

PAPER 2

Q1) Mary drank $\rightarrow 3 \times \frac{2}{5} = 1.2$ litre

Water left
$$\rightarrow 3 - 4.2 = 1.8$$
 litre = 1800 ml

Q2) $5\frac{4}{5} - 2\frac{7}{10}$ = 29/5 - 27/10

$$=3\frac{1}{10}$$

$$3\frac{1}{10} + 3 \frac{3}{4} = 6\frac{17}{20}$$

- Q3) $\frac{1}{2}$ x (60 + 25) x 28 = **1190** cm²
- Q4) 8 x 8 = 64 8 cm x 8 cm x 8 cm = **512 cm**³
- Q5) 4 x 3 = 12 12 - 2.5 = 9.5 38 ÷ 9.5 = 4

Q6) Area of 1 square
$$\Rightarrow \frac{9}{5} \times \frac{9}{5} = \frac{61}{25}$$

Area of 5 squares $\Rightarrow 3\frac{6}{25} \times 5$

$$= \frac{81}{25} \times 5$$

$$= \frac{81}{25} \times 5$$

$$= \frac{81}{25} \times 2$$

$$= 163\frac{1}{5} \text{ m}^2$$

Q7) Chinese $\Rightarrow 1\frac{3}{5} \times 2 = 16/5$

$$= 3\frac{1}{5}$$
Total time spent $\Rightarrow 1\frac{3}{5} \text{ h} + 3\frac{1}{5} \text{ h} = 4\frac{4}{5} \text{ h}$

Q8) Red $\Rightarrow 15.5 \text{ m}$
White $\Rightarrow 15.5 + 3 = 12.5 \text{ m}$
1 group $\Rightarrow 15.5 + 12.5 \text{ m} = 28 \text{ m}$
No. of groups $\Rightarrow 252 \text{ m} + 28 \text{ m} = 9$
Total number of groups $\Rightarrow 9 + 9 = 18$

Q9) 2 units $\Rightarrow 24$
1 unit $\Rightarrow 24 + 2 = 12$
6 units $\Rightarrow 12 \times 6 = 72$

Q10) $8 + 4 = 2$
 $2 \times 3 = 6$
 $15 \times 6 \times 10 = 900$
 $900 - 378 = 522 \text{ (Ans : 0.522 litre)}$

Q11) $\frac{1}{2} \times 8 \times 8 = 32$
 $\frac{1}{2} \times 14 \times 7 = 49$
 $32 + 49 = 81 \text{ cm}^2$

Q12) a) $407 + 12 = 33 \text{ R} + 11$
 $= 33$
b) $33 \times \$15 = \495
 $11 \times \$1.50 = \16.50
 $11 \times \$1.50 = \$16.50 = \$511.50$

Q13) a) $\$1155 + \$5 = 231$

b) 711 – 231 = 480

\$5715 - \$1155 = \$4560

$$4560 - 960 = 3600$$

 $12 - 2 = 10$
 $3600 + 10 = 360$
 $480 - 360 = 120$
 $360 - 120 = 240$
Q14) a) $240 + 2 = 120$
 $120 \times 3 = 360$
b) $120 + 4 = 30$
 $120 + 30 = 150$
 $480 - 150 = 330$
Q15) a) Saved in april \Rightarrow \$105
Spent in april \Rightarrow \$200 - \$105 = \$95
\$95 - \$71.85 = \$23.15
b) Saved in total \Rightarrow \$60 + \$45 + \$70 + \$105 + \$30 + \$40 = \$350
Q16) a) $100 \times $0.20 = 20
 $20 + 0.50 = 40$
 $40 - 38 = 2$
 $100 + 2 = 102$
b) $102 + 3 = 34$
 $34 + 2 = 36$
 $36 \times 20 = 720$ cents
 $34 + 40 = 74$
 74×50 cents = 370 cents
 $37 \times 20 + 337 = 44.20
Q17 a) $\frac{5}{8} \times \frac{2}{3} = \frac{1}{12} ($18)$
 $3/8 \times 2/3 = 1/4$
 $-3/12 (8 \text{ muffins})$
 $1/112 \Rightarrow $18 + 5 = 3.60
 $3/12 \Rightarrow $3.60 \times 3 = 10.80
 $$10.80 + 8 = 1.35
b) $\frac{12}{12} \Rightarrow $3.60 \times 12 = 43.20



RAFFLES GIRLS' PRIMARY SCHOOL SEMESTRAL ASSESSMENT 1 MATHEMATICS (PAPER 1) PRIMARY 5

Name:	()
Form Class: P5	Math Teacher :
Date: 7 May 2018	Duration: 1 hour
Your Paper 1 Score (Out of 45 marks)	
Your Paper 2 Score (Out of 55 marks)	
Your Total Score (Out of 100 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer ALL questions and show all working clearly.
- 4. NO calculator is allowed for this paper.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided. All diagrams are not drawn to scale.

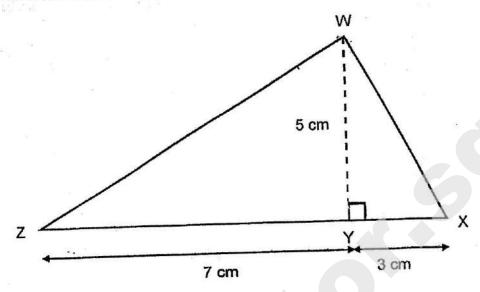
- In 56 807, what does the digit 6 stand for?
 - (1) 600
 - (2) 6000
 - (3) 60 000
 - (4) 600 000
- 2. 675 000 ÷ 300 = ____
 - (1) 225
 - (2) 2250
 - (3) 22 500
 - (4) 225 000
 - 3. 5 tens, 3 hundredths and 6 thousandths is the same as
 - (1) 0.536
 - (2) 50.36
 - (3) 50.036
 - (4) 6350

- 4. Express 9.55 as a mixed number in its simplest form.
 - (1) $9\frac{11}{20}$
 - (2) $9\frac{11}{200}$
 - (3) $9\frac{55}{100}$
 - (4) $9\frac{55}{1000}$
- 5. 9 ÷ 24 = _____

Leave your answer in its simplest form.

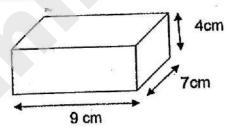
- (1) $\frac{3}{8}$
- (2) $2\frac{2}{3}$
- (3) $\frac{9}{24}$
- (4) $2\frac{6}{9}$

Find the area of the triangle WXZ.



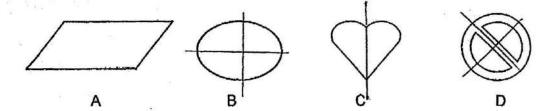
- (1) 15 cm²
- (2) 25 cm²
- (3) 35 cm²
- (4) 50 cm²

7. Find the volume of the cuboid shown below.

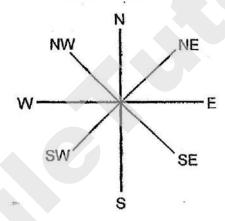


- (1) 28 cm³
- (2) 63 cm³
- (3) 242 cm³
- (4) 252 cm³

8. Which of the following figures have only 2 lines of symmetry?



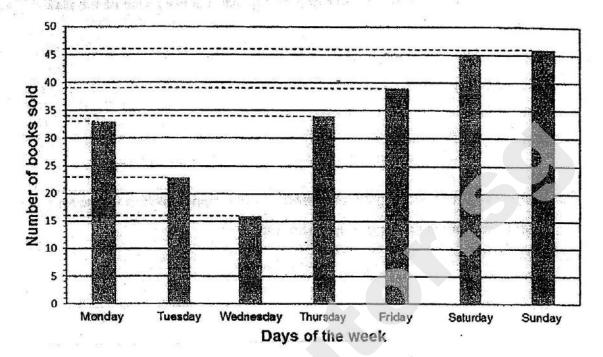
- (1) A and B
- (2) A and C
- (3) B and C -
- (4) B and D
- 9. The figure shows an 8-point compass. John was facing north-east (NE) at first. He then turned 225° anti-clockwise. Which direction is he facing now?



- (1) North (N)
- (2) South (S)
- (3) East (E)
- (4) West (W)

- 10. What is the missing number in the box below?
 - 16: = 36:45
 - (1) 18
 - (2) 20
 - (3) 25
 - (4) 30
 - 11. Dean thinks of an even number between 1 and 20. It is a factor of 48 and a multiple of 6. What is the number?
 - (1) 3
 - (2) 6
 - (3) 16
 - (4) 24

Mr Goh had 250 books in his bookstore at first.
 The graph shows the number of books he sold in a week.



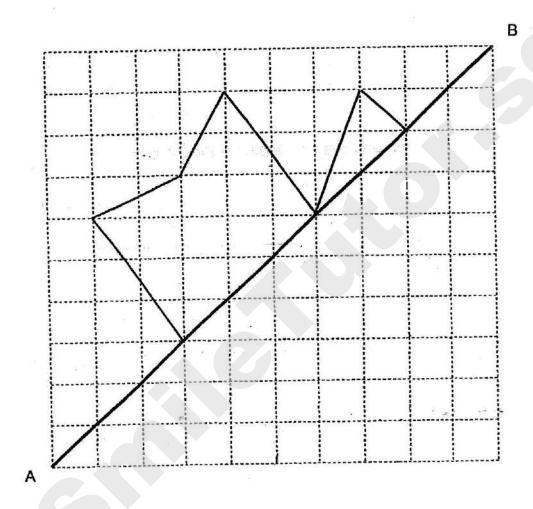
How many books were unsold at the end of Wednesday?

- (1) 72
- (2) 164
- (3) 178
- (4) 234
- 13. Joy and Siti had a total of 360 beads at first. Joy lost 28 beads while Siti bought another 18 beads. Both of them had an equal number of beads in the end. How many beads did Joy have in the end?
 - (1) 157
 - (2) 175
 - (3) 185
 - (4) 203

- 14. A box with 20 identical balls has a mass of 5.08 kg. The same box with half the number of balls has a mass of 3.78 kg. What is the mass of 5 balls?
 - (1) 0.6 kg
 - (2) 0.65 kg
 - (3) 6 kg
 - (4) 6.5 kg
 - 15. Jolyn had $\frac{5}{8}$ t of cooking oil. She used $\frac{3}{10}$ of it frying chicken wings for a party. How much cooking oil had she left?
 - (1) $\frac{3}{16}$ t
 - (2) $\frac{7}{16}$?
 - (3) $\frac{13}{40}$ (
 - (4) $\frac{27}{40}$ t

	Find the value of 240 → 3 × 8.
	· ·
	Ans:
7.	Arrange the following numbers from the largest to the smallest.
	3.4, 30.04, 3.104, 30.009
	Ans: Largest
18.	Express $\frac{4}{7}$ as a decimal. Round your answer to 1 decimal place.
	Ans:

19. Complete the symmetric figure with AB as the line of symmetry.



20. Find the value of $9 \times \frac{5}{12}$.

Express your answer as a mixed number in its simplest form.

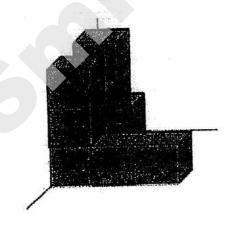
820	
Ans:	
	CONTRACTOR OF THE PARTY OF THE

Questions 21 to 30 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

21. Kaylyn and her 3 brothers shared the cost of the chocolates equally among themselves. They bought 5 bars of chocolates which cost \$6 each. How much did each of her brothers pay for the chocolates?

Ans:	0		
4015.	Jr.		-
	-	 	

22. The solid is made up of some identical 1-cm cubes. How many more 1-cm cubes are needed to make the solid with the volume of 25 cm³?



0.220.000000000000000000000000000000000	
Ans:	
MIID.	

23. Jenny had $\frac{3}{5}$ as many beads as Yasmin. Yasmin gave Jenny 24 beads. Then, Jenny had $\frac{3}{4}$ of all the beads. How many beads did they have



24. At a party, there were 9.238 ℓ of lemonade at first. The guests drank $3\frac{3}{5}\ell$ of it. Then, 2 ℓ of lemonade were made. How many litres of lemonade were there in the end? Round your answer to 2 decimal places.

Ans:

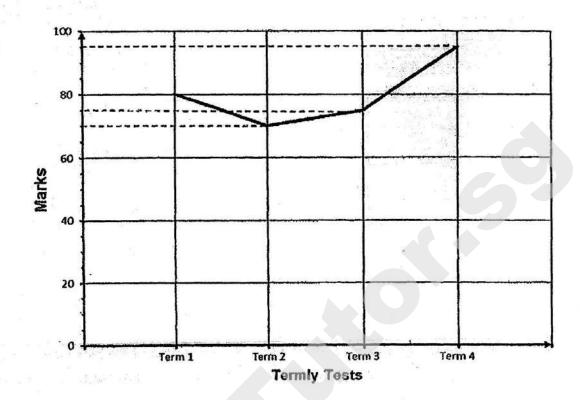
25. At a restaurant, a chef mixed $1\frac{5}{6}$ kg of flour with $\frac{5}{8}$ kg of butter. He used $1\frac{1}{3}$ kg of the mixture. What was the amount of mixture left? Leave your answer in its simplest form.

	17.1	
Ans:		kg
4115.		

26. Mr Chan cut a 52-cm string into 2 pieces, A and B. String A was 8 cm shorter than String B. What was the ratio of the length of String A to the length of String B? Leave your answer in its simplest form.

Ans: _____

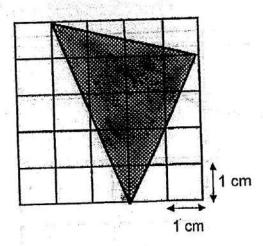
27. The graph shows Lakshmi's marks for her English tests in a year.



- (a) Find the difference between her highest and lowest score.
- (b) The full score for the Term 2 test was 100 marks. Each question carried 2 marks. How many questions did she answer wrongly in Term 2 test?

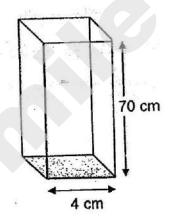
Ans: a)_____

28. Find the area of the shaded triangle.



Ana:	cm²
Ans:	

29. The diagram shows an empty rectangular tank. The length of the tank was 4 cm. The breadth of the tank was half of its length. The tank was filled with water to half of its height. What was the volume of water in the tank?



*		
		cm3
Ans:		CIII

30. Kara recorded the distance she ran each day. She ran 500 m on Day 1. On Day 2, she ran 1 km. She ran 2 km on Day 3. On each day, she ran twice the distance she ran the previous day.

Based on the information above, put a tick in the correct box.

dasco on the intermedian above, per a literature	True	False	Impossible to tell
a) She ran 3.5 km on Day 4.			
b) She ran a total distance of 15.5 km for the first 5 days.			1

End of Paper

© Please check your work carefully ©



RAFFLES GIRLS' PRIMARY SCHOOL SEMESTRAL ASSESSMENT 1 MATHEMATICS (PAPER 2) PRIMARY 5

Name:	. ()
Form class: P5	Math Teacher :
Date: 7 May 2018	Duration: 1 h 30 min

INSTRUCTIONS TO CANDIDATES

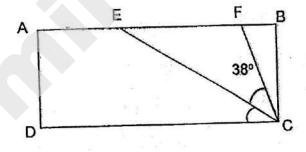
- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer ALL questions and show all working clearly.
- 4. The use of calculator is allowed for this paper.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. All diagrams are not drawn to scale. For questions which require units, give your answers in the units stated. (10 marks)

1. Mr Samy wanted to deliver 145 identical vases to a shop. Each vase has a mass of 2.079 kg. 13 vases were broken during the delivery and were thrown away. What was the mass of the remaining vases he delivered to the shop? Round your answer to 1 decimal place.

	kg	121
Ans:	Kg	141
Ans:	n.y	12

In the figure, ABCD is a rectangle. ∠ECF is twice of ∠BCF. Find ∠ECD.

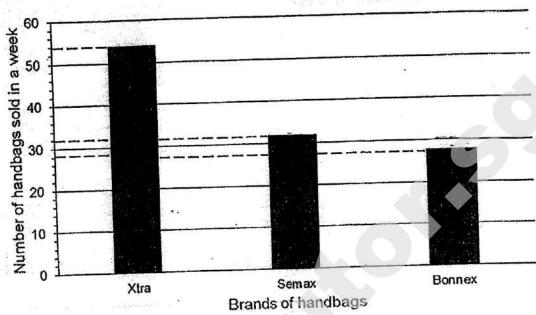


21 1		[2]
Ans		iZ
MID	677	

3. A chef bought some eggs. He used half of them to bake some muffins, 3/8 of the remaining eggs to bake a cake and the rest to bake some pies. What fraction of the eggs did he use to bake the pies?

A	-	[2]
Ans	100	171

 A shop sold three brands of handbags: Xtra, Semax and Bonnex. The bar graph shows the number of handbags sold for each brand in a week.



The table shows the price of each brand of handbag.

Brands of handbags	Price(\$)
Xtra	\$400
Semax	\$500
Bonnex	\$350

How much did the shop collect from selling all the handbags for that week?

		5 4	
Ans	. 4		[2]
4112	· 4		

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Page 5 of 15

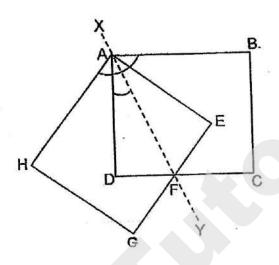
For questions 6 to 17, show your working clearly in the space provided for each question and write your answers in the spaces provided.

The number of marks available is shown in brackets [] at the end of each question or part-question.

All diagrams are not drawn to scale.

(45 marks)

6. ABCD and AEGH are 2 identical squares. Line XY is a line of symmetry of the figure. ∠ HAB = 128°. Find ∠ DAF



Ans:_____[3]

7. The capacity of 1 jug is the same as the total capacity of 4 similar glasses. 10.36 £ of water is needed to fill up 5 jugs and 17 similar glasses. What is the capacity of one glass?

Ans: (3)

8. Haris has 700 Lego pieces.

He puts 2 pieces in the first stack, 3 pieces in the second stack, 5 pieces in the third stack and continues putting in the subsequent stacks in that manner as shown in the table.

Stack	1	2	3	4	•••••
No of Lego pieces					
				West of	

- a) How many Lego pieces does Haris use to make Stack 6?
- b) If Haris wants to make Stack 35, how many Lego places will he need?

Ans	:	a)	[1]
		b)	13

9. Shirley picked some strawberries and raspberries. $\frac{5}{7}$ of the fruits were strawberries and the rest were raspberries. Her family at 30 raspberries. As a result, $\frac{10}{11}$ of the remaining fruits were strawberries. How many strawberries did she pick?

			10
Ans	•		[3]
		The second second	

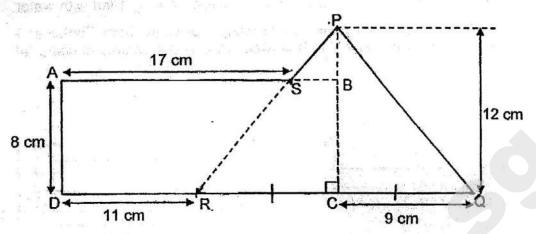
10.	In 2003, the ratio of Anna's age to Anna's age to Lina's age is 2:3.	o Lina's age is 3 : 5 In 2009, the ratio o What is their combined age in 2014?	f
7		¥	
	pagnitus i pro algoritos y filología.		
	Expression of Management of the		
	* ₂		
•	A)		
		Ans:	[3]
11.		equal number of bottles of water to each	
	E	way their bottles of water to the res	
		the runners received 3 more bottles	of water
	each. How many bottles of water	did Ravi give away?	
	57°A		
		π	
	6886 2 2	Ans:	[3]

Page 9 of 15

- 12. Wee Ling had $\frac{5}{7}$ m of ribbon. She used $\frac{1}{10}$ of it to tie a present.
- a) What was the length of ribbon used to tie the present? Give your answer in metres.
- b) She used $\frac{3}{10}$ m of the remaining ribbon to tie a parcel. How much ribbon was left? Give your answer in its simplest form.

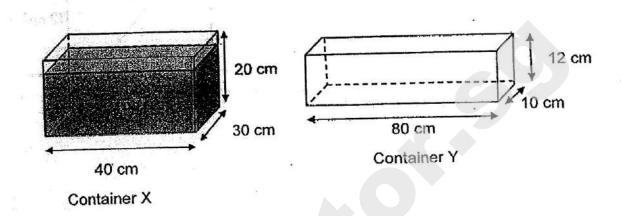
Ans: a)	[1]
b) ·	[3]

 ABCD is a rectangle and PQR is a triangle with RC = CQ. Find the area of the figure,



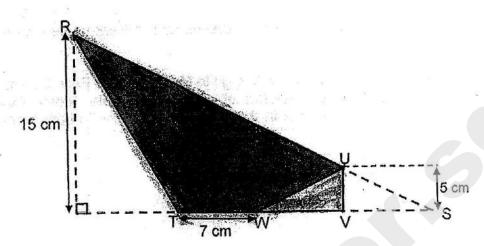
Ans: _____[4]

14. Sally has two containers as shown below. Container X is $\frac{3}{4}$ filled with water. Container Y is empty. Sally pours some amount of water from Container X into Container Y till Container Y is half-filled. What is the volume of water left in Container X?



Ans: _____[4]

15. The figure shows a triangular piece of paper RST which is folded along UV. TW is $\frac{1}{3}$ of TS. Find the area of the shaded part.



Ans: _____[4]

- 16. The ratio of the number of adults to the number of children in Dream Theme Park was 4: 1. The ratio of the number of adults to the number of children in Movie Theme Park was 5: 2. The number of adults in both theme parks were equal.
- a) Find the ratio of the number of children in Dream Theme Park to the number of children in Movie Theme Park.
- b) After 252 adults left Dream Theme Park to go to Movie Theme Park, the ratio of the number of adults to the number of children in Movie Theme Park became 13: 4. Find the difference in the number of children in both theme parks.

Ans: (a)		[1
(b)	5 - X	[4

- 17. Printer D prints 360 more brochures than Printer E in each month. The two printers print the same number of brochures every month Every month, there are 50 brochures thrown away from each printer due to printing errors. Over a few months, Printer D prints 8450 good brochures while Printer E prints 3770 good ones.
 - a) How many months does Printer D take to print 8450 good brochures?
 - b) Given that the printing cost for each brochure is what is the total printing cost for <u>all</u> the brochures printed by the two printers in each month?

Ans: (a)	[2]
(b)	[3
End of Paper	
@ Please check your work carefully	3)

SCHOOL :

RAFFLES GIRLS' PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	. 3	1	1	2	4	4	2	2

Q 11	Q12	Q13	Q14	Q15
2	3	2	2	2

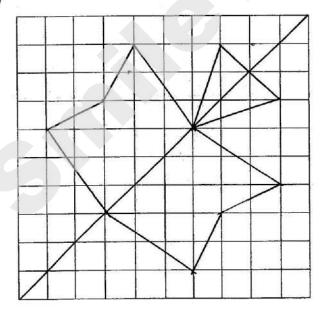
PAPER 1 BOOKLET B



Q17) 30.04, 30.009, 3.4, 3.104

Q18) 0.6

Q19)



Q20) 33/4

Q21) $6 \times 5 = 30$

 $30 \div 4 = 7.50

Q22) 25 - 11 = 14

```
Q23) 24 \div 3 = 8
        8 \times 8 = 64
Q24) 7.64L
Q25) 11/8 kg
                                 A : B
Q26) 52 - 8 = 44
                                 22: 30
        44 \div 2 = 22
                                11:15
        22 + 8 = 30
Q27) a)95 - 70 = 25
         b)70 \div 2 = 35
           100 \div 2 = 50
            50 - 35 = 15
Q28) 5 \times 5 = 25
         \frac{1}{2} \times 4 \times 2 = 4
         \frac{1}{2} \times 5 \times 2 = 5
         \frac{1}{2} \times 4 \times 1 = 2
         1 \times 5 = 5
         4 + 5 + 5 + 2 = 16
         25 - 16 = 9 \text{ cm}2
 Q29) 4 \div 2 = 2
          70 \div 2 = 35
          35 \times 2 \times 4 = 280 \text{ cm}3
  Q30) a)False
          b)True
```

PAPER 2

Q1)
$$145 - 13 = 132$$

 $132 \times 2.079 = 274.428 \approx 274.4 \text{ kg}$

Q2) $38 \div 2 = 19$
 $19 \times 3 = 57$
 $90 - 57 = 33^{\circ}$

Q3) $5/8 \times \frac{1}{2} = 5/16$

Q4) $400 \times 54 = 21600$
 $500 \times 32 = 16000$
 $28 \times 350 = 9800$
 $9800 + 16000 + 21600 = 47400

Q5) $70 \div 5 = 14$
 $30 \times 14 = 420

Q6) $128 - 90 = 38$
 $90 - 38 = 52$
 $52 \div 2 = 26^{\circ}$

Q7) $5 \times 4 = 20$
 $20 + 17 = 37$

```
10.36 \div 37 = 0.28L
Q8)
        a)11
        b)(34 \times 2) + 1 = 69
Q9) 4-1=3
        30 \div 3 = 10
        10 \times 10 = 100
Q10) 70 years
Q11) 40 - 15 = 25
        25 \times 3 = 75
        75 \div 15 = 5
        5 \times 40 = 200
Q12) a)5/7 \times 1/10 = 1/14 \text{ m}
        b)10/14 - 1/14 = 9/14
          9/14 - 3/10 = 90/140 - 42/140 = 48/140
          = 12/35 m
Q13) 11 + 9 = 20
        20 - 17 = 3
        12 - 8 = 4
        \frac{1}{2} \times 3 \times 4 = 6
        \frac{1}{2} \times 9 \times 12 = 54
        54 - 6 = 48
        20 \times 8 = 160
        9 \times 2 = 18
        1/2 x 18 x 12 = 108
        108 + 160 = 268
        268 - 48 = 220 cm2
Q14) 12 \div 2 = 6
        6 \times 10 \times 80 = 4800
        20 \div 4 = 5
        5 \times 3 = 15
        15 \times 30 \times 40 = 18000
        18000 - 4800 = 13200 cm<sup>2</sup>
Q15) \frac{1}{2} \times 21 \times 15 = 157.5
        \frac{1}{2} \times 14 \times 5 = 35
        157.5 - 35 = 122.5 \text{ cm}2
Q16) a)5:8
        b)26 - 20 = 6
          252 \div 6 = 42
          8 - 5 = 3
          42 \times 3 = 126
Q17) a)8450 - 3770 = 4680
           4680 \div 360 = 13
        b)650 + 50 = 700
```

700 - 360 = 340 700 + 340 = 1040 1040 x 2 = \$2080



ROSYTH SCHOOL 2018 SEMESTRAL ASSESSMENT 1 MATHEMATICS PAPER 1 PRIMARY 5

Name:	Register No.
Class: Pr 5	
Date: 8 May 2018	Parent's Signature:
Total Time for Booklets A and B: 1 hour	

Booklet A

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Shade your answers in the Optical Answer Sheet (OAS) provided.
- 4. You are not allowed to use a calculator.
- 5. Answer all questions.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet A)	20	

^{*} This booklet consists of 7 pages (including this cover page)

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

All diagrams in this paper are not drawn to scale unless stated otherwise.

(20 marks)

1.	Which of the following and eight?	numbers	is five	million,	one	hundred	and	twenty	thousand
	and eight?								

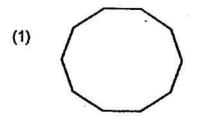
- (1) 5 000 128
- (2) 5 012 008
- (3) 5 120 080
- (4) 5 120 008
- 2. Mr Tan paid \$87 000 for his brand new car when rounded off to the nearest thousand. Which of the following could be the actual price of the car?
 - (1) \$86 200
 - (2) \$86 450
 - (3) \$87 300
 - (4) \$87 550
- Which of the following numbers are common factors of 16 and 24?
 - (1) 2 and 3
 - (2) 4 and 6
 - (3) 4 and 8
 - (4) 8 and 12
- 4. 3 709 521 = 3 000 000 + _____ + 9000 + 500 + 20 + 1

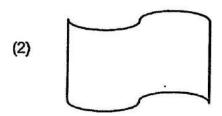
What is the missing number in the blank?

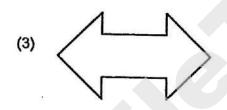
- (1) 700
- (2) 7000
- (3) 70 000
- (4) 700 000

- 5. Express 6 kg 40g in kg.
 - (1) 6.004 kg
 - (2) 6.040 kg
 - (3) 6.400 kg
 - (4) 6.440 kg
- 6. What is the value of 3 tens, 2 tenths and 5 thousandths?
 - (1) 3.205
 - (2) 30.205
 - (3) 30.25
 - (4) 50.205
- 7. Which of the following fractions is the largest?
 - (1) $\frac{4}{5}$
 - (2) $\frac{4}{7}$
 - (3) $\frac{4}{9}$
 - (4) $\frac{4}{11}$
- 8. Which one of the following does not have the same value as $\frac{3}{5}$?
 - (1) 5 ÷ 3
 - (2) 15 ÷ 25
 - (3) $\frac{12}{20}$
 - (4) 0.6

9. Which one of the following shapes does not have a line of symmetry?

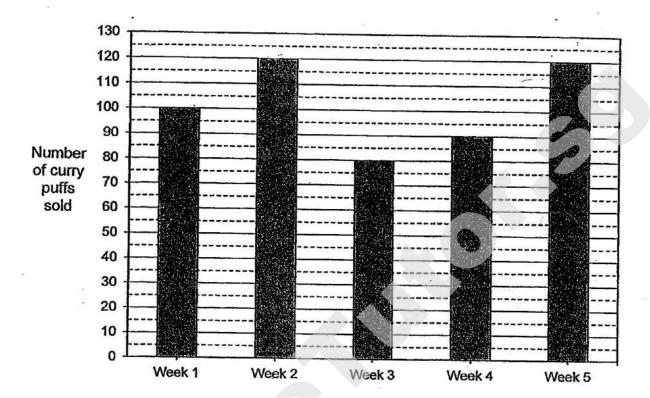








 The graph below shows the number of curry puffs sold in a canteen stall during a period of 5 weeks.

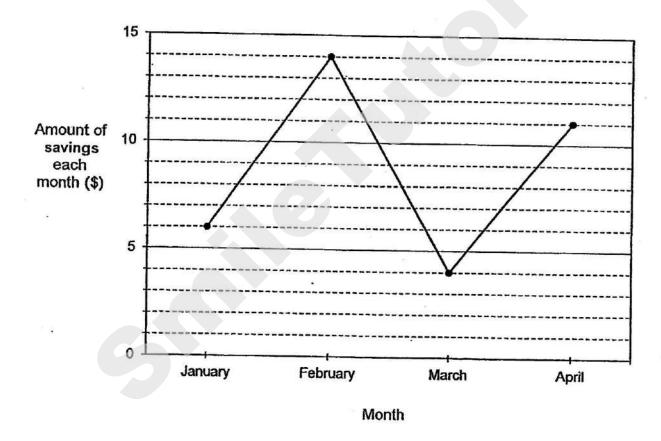


Between which two weeks was there the greatest increase in the number of curry puffs sold?

- (1) Week 1 to Week 2
- (2) Week 2 to Week 3
- (3) Week 3 to Week 4
- (4) Week 4 to Week 5

- 11. Mary bought a ribbon which is 12 m long. She cut the ribbon and used it to wrap some parcels. She was left with $2\frac{1}{4}$ m of the ribbon. What was the length of the ribbon she used?
 - (1) $9\frac{1}{4}$ m
 - (2) $9\frac{3}{4}$ m
 - (3) 10¹/₄ m
 - (4) $10\frac{3}{4}$ m
- 12. Kenny has 49 black and green pens. $\frac{5}{7}$ of them are black pens. How many green pens does he have?
 - (1) 5
 - (2) 7
 - (3) 14
 - (4) 35
- 13. Michael ran 3.5 km. Adam ran half the distance that Michael ran. John ran 0.45 km more than Adam. What was the distance that John ran?
 - (1) 1.75 km
 - (2) 2.15 km
 - (3) 2.20 km
 - (4) 7.45 km

- 14. An apple costs \$0.40 more than an orange. Antonio bought 2 apples and 3 oranges and paid a total of \$7.80. How much did he pay for the apples?
 - (1) \$1.40
 - (2) \$1.80
 - (3) \$2.80
 - (4) \$3.60
- 15. Raman was given \$50 every month as pocket money for school. The graph below shows the amount of money he saved each month after spending some of the pocket money.



How much did Raman spend altogether from January to April?

- (1) \$15
- (2) \$35
- (3) \$165
- (4) \$175

(Go on to Booklet B)



ROSYTH SCHOOL 2018 SEMESTRAL ASSESSMENT 1 MATHEMATICS PAPER 1 PRIMARY 5

Name:	Register No.
Class: Pr 5	
Date: 8 May 2018	Parent's Signature:
Total Time for Booklets A and B: 1 hour	

Booklet B

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. You are not allowed to use a calculator.
- 4. Write your answers in the booklet.
- 5. Answer all questions.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet B)	25	

^{*} This booklet consists of 7 pages (including this cover page).

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	ovided. For questions which require units, give your answers in the units stated. If diagrams in this paper are not drawn to scale unless stated otherwise. (5 marks)	Do not writ in this spec
	Mdm Siti made 6 & of fruit punch to be shared among 8 children. How many	
	litres of fruit punch would each child receive?	
	Ans: <i>t</i>	
	Find the value of 24 + 8 x (4 + 5) – 15.	
	Ans:	<u></u>
	Find the value of 0.04×800 .	
	Ane	
_	Ans:	
	Every month, the average number of books borrowed by 7 girls from the library is 4 books. How many books did they borrow altogether in a month?	
	×	
	Ans:	Lj

20. The table shows the number of pets per student has in a class.

Do not write
Do not write in this space

Number of pets per student	0	1	2	3
Number of students	17	8	12	5

How many students have at least 2 pets?

		11
		11
Anc.		

	Questions 21 to 30 carry 2 marks each. Show your workings clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.	Do not write in this space
3	All diagrams in this paper are not drawn to scale unless stated otherwise. (20 marks)	-
21.	Meryl, Samantha and Willow had a total of 85 stickers. Samantha had 5 less stickers than Willow. Meryl had four times as many stickers as Willow. How many stickers did Samantha have?	
	Ans:	
22.	A container has a mass of 10 kg when it is filled with water completely. The same container has a mass of 6 kg when it is half filled with water. What is the mass of the container when it is empty?	E.
	Ans:kg	
23.	There are 42 adults in a room. They are put into groups. Each group consists of 3 females and 4 males. How many males are there in the room?	a"
	Ans:	
	4 (Go on to the nex	kt page)

24.	Allie wanted to buy 54 sweets. The sweets were packed into packets of 9. Each	1
	packet cost \$4.50. How much did Allie have to pay for the sweets?	Do not write in this space
	*	
	Ans: \$	
25.	$\frac{3}{11}$ of the audience at a concert are adults and the rest are children. There are	
	three times as many girls as boys at the concert. What fraction of the audience are girls?	
×		
<i>\$</i> 7		
-	Ans:	
26.	Lilian bought 20 kg of rice. She used $\frac{1}{10}$ of it on Monday and $\frac{3}{4}$ kg on Tuesday.	
2,	How many kilograms of rice had she left?	13.
	-	
	Ans:kg	
	5 (Go on to the nex	kt page)

07	5	
27.	6 and the boys. Eater, 6 more girls	Do not write
	joined the party. How many girls were there at the party in the end?	in this space
car.		
		Ī
	Ans:	
_		
28.	The perimeter of a rectangle is 80 cm. The length of the rectangle is four times	ĺ
	the breadth of the rectangle. What is the length of the rectangle?	
		-
	Ans:cm	
29.	The figure below is symmetrical. Draw the line of symmetry.	
1290		1
		-
_		
	6 (00 and a the second	
	(Go on to the nex	ı page)

The line AB has been drawn for you. Point C is one of the dots given. Draw and Do not write 30. label a line from point B to the correct dot to form the angle ABC which is 50°. in this space End of Booklet B Have you checked your work?



ROSYTH SCHOOL 2018 SEMESTRAL ASSESSMENT 1 MATHEMATICS PAPER 2 PRIMARY 5

Name:	Register No.
Class: Pr 5 -	
Date: 8 May 2018	Parent's Signature:
Time: 1 h 30 min	

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Show your workings clearly as marks are awarded for correct working.
- 4. Write your answers in this booklet.
- 5. You are allowed to use a calculator.
- 6. Answer all questions.

Questions	Maximum Mark	Marks Obtained
Q 1 to 5	10	
Q 6 to 17	45	

Section	Maximum Mark	Marks Obtained
Paper 1	45	
Paper 2	55	
Total	100	

^{*} This booklet consists of 15 pages (including this cover page)

destions which require units,	ks each. Show your working clearly in the space of write your answers in the spaces provided. For give your answers in the units stated.	Do not v in this s
MI diagrams in this paper a	re not drawn to scale unless stated otherwise. (10 marks	s)
Sasha made a first payme month for the next 5 month did the car cost?	ent of \$34 000 for a car. She then paid \$2500 per ns for the remaining amount for the car. How much	
* 5		
		53
•	Ans: \$	
icos dian zu. one could pa	s. The number of chocolates that Alyssa had was ack all the chocolates equally into bags of 6 but plates into bags of 8, she would have 4 chocolates	
when she packed the choco	s. The number of chocolates that Alyssa had was ack all the chocolates equally into bags of 6 but plates into bags of 8, she would have 4 chocolates	
when she packed the choco	s. The number of chocolates that Alyssa had was ack all the chocolates equally into bags of 6 but plates into bags of 8, she would have 4 chocolates	
when she packed the choco	s. The number of chocolates that Alyssa had was ack all the chocolates equally into bags of 6 but plates into bags of 8, she would have 4 chocolates	
when she packed the choco	s. The number of chocolates that Alyssa had was ack all the chocolates equally into bags of 6 but plates into bags of 8, she would have 4 chocolates	

3.	Rosna baked some muffins. $\frac{2}{3}$ of them were chocolate muffins, $\frac{1}{5}$ of them were banana muffins and the rest were blueberry muffins. She sold all 30 blueberry muffins. How many muffins did she make altogether?	Do not write in this space
	in and the make allogether !	
- 1		
	Ans:	
•	The state of the st	
4	The average number of stickers that Jane and Ken have is 104. Jane has 52 stickers. How many stickers does Ken have?	
.2		
•		
		4

 The following table shows the number of points Linda had scored in a game of 4 rounds.

Do not write in this space

Round	Number of points
1	15
2	12
3	13
4	16

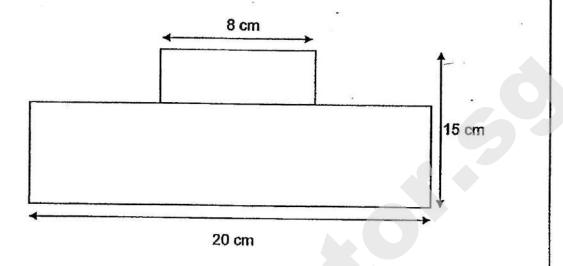
How many more points does Linda need so that the average number of points for each round will be 16?

¥	
Ans:	
1000	

	For Questions 6 to 17, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. For questions which require units, give your answers in the units stated.	Do not write in this space
	All diagrams in this paper are not drawn to scale unless stated otherwise. (45 marks)	
6.		
	Ans: [3]	
7.	Mandy, Kristen and Eva bought some stickers. The total number of stickers that Mandy and Kristen bought was 120 The total number of stickers that Mandy and Eva bought was 48 Kristen bought 9 times as many stickers as Eva. How many stickers did Kristen buy?	
	Ans: [3]	
	5 (Go on to the next pa	ge)

 The figure below is made up of 1 small rectangle and 1 large rectangle. The breadth of the large rectangle is twice the breadth of the small rectangle. Find the area of the figure.

Do not write in this space



Ans: _____[3]

6

(Go on to the next page)

Mr Malik had some toys. $\frac{5}{7}$ of them were toy cars and the rest were toy trains. 9. Do not write in this space There were 180 more toy cars than toy trains. Find the total number of toys Mr Malik had.

131

	Mr Tan bought 50 crates of oranges. Each crate contains 120 oranges. He
	packed $\frac{5}{8}$ of them equally in 150 boxes and used $\frac{9}{10}$ of the remaining oranges to
	make juice He threw away the rest of the oranges as they were rotten.

Do not write in this space

- (a) How many oranges were there in each box?
- (b) How many oranges did he throw away?

Ans: (a) _____ [2]

(b) _____ [2]

11.	Terry had some beads. He gave 35 beads to Dan and 47 beads to Anil. He then bought 145 new beads. After that, he gave 73 beads he had to Gene. He was finally left with 98 beads. How many beads did Terry have at first?	Do not write in this space
		4
		Si .
	<i>a</i>	
	· · · · · · · · · · · · · · · · · · ·	
		
180	Ans:[3]	

E.		
12.	Fatimah had three times as many ice-cream sticks as Angela. Mandy had 15 less ice-cream sticks than Fatimah. If they had a total of 195 ice-cream sticks, how many ice-cream sticks did Mandy have?	Do not write in this space
•		
		*
-1		
	*	
	Ans:[4]	
	U	1 1

13.	There are equal number of boys and girls in a school. $\frac{1}{3}$ of the boys and $\frac{3}{5}$ of	
	the girls wear spectacles. There are 252 boys and girls who wear spectacles. How many boys and girls are there in the school altogether?	

Do not write in this space

Ans:	
1115.	[4]

14.	36 sticks were placed in a row from one end of a field to the other end at an equal spacing of 4 m apart. 10 sticks were removed and the remaining sticks were rearranged from one end of the field to the other end at a new equal spacing. What was the new spacing between 2 sticks?	Do not write in this space
		K.
		9
•		
	e e	
٠		

15.	Andrea bought some apples from a supermarket. If she bought 15 app she would be left with \$3. If she bought 23 apples, she would be sho \$4.20. How much money did Andrea have at first?	oles, Do not write rt of in this space
	.*	
	oc.	
	—————————————————————————————————————	
	Ans:[4	,

16.	There are 50-cent and \$1 coins in a bag. There are 16 more 50-cent coins than \$1 coins. The value of all the \$1 coins is \$2 more than the value of all the 50-cent coins. How many \$1 coins are there in the bag?	Do not write in this space
	•	
	*	
	*	
	Ans:[5]	

14

(Go on to the next page)

17.	Mr Matthew spent \$320 on 5 shirts and 2 pairs of pants. The cost of 6 shirts is the same as that of 4 pairs of pants. Find the total cost of one shirt and one pair of pants.	Do not write in this space
	pan of panto.	
•		
		S * 0
		1/4
	×	
	. 1	
	z z	
	Ans:[5]	
	End of paper	
	Have you checked your work?	

SCHOOL :

ROSYTH PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q1_	Q2	Q3	Q4	Q5	Q6	07	- 08	09	-610-2
4	3	3	4	2	2	1	1	2	4

	2	2	410	W14:-	M10:
--	---	---	-----	-------	------

PAPER 1 BOOKLET B

Q16)	6L	= 6000m	ı

 $6000 \div 8 = 750$

750ml = 0.75L

Q17)
$$3 \times 9 = 27$$

$$27 - 15 = 12$$

Q18)
$$800 \div 25 = 32$$

Q20)
$$12 + 5 = 17$$

Q21)
$$6u - 5 = 85$$

$$6u = 85 + 5 = 90$$

$$1u = 90 \div 6 = 15$$

$$15-5=10$$
 stickers

Q22)
$$10-6=4$$

$$4 \times 2 = 8$$

$$10 - 8 = 2 \text{ kg}$$

Q23)
$$42 \div 7 = 6$$

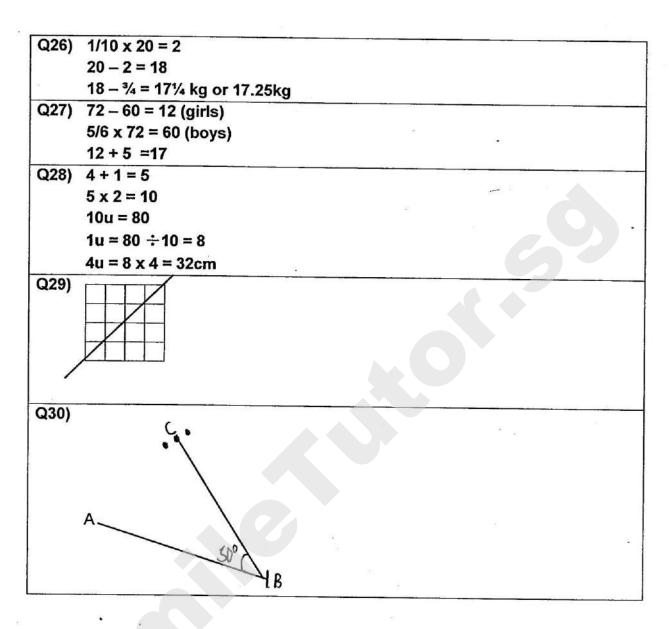
$$6 \times 4 = 24 \text{ males}$$

Q24)
$$54 \div 9 = 6$$

$$6 \times 4.50 = 24 + 3 = $27$$

Q25)
$$1 - 3/11 = 8/11$$

$$8/11 \div 4 = 2/11 \text{ (boys)}$$



PAPER 2

Q1)	2500 x 5 = 12500	***************************************
	34000 + 12500 = \$46500	
Q2)	6 x 2 = 12	
	8 + 4 = 12	
Q3)	2/3 = 10/15 (cm) 1/5 = 3/15 (bm)	
	2/1530	
	1/15 30 ÷ 2 = 15	
	15 x 15 = 225 muffins	
Q4)	104 x 2 = 208	
	208 – 52 = 156 stickers	
Q5)	16 x 4 = 64	
	16 + 13 = 29	
	29 + 12 = 41	
	41 + 15 = 56	
	64 - 56 = 8 more points	

```
Q6)
          5.40 - 1.05 = 4.35
          4.35 \div 6 = 0.725 \text{ m}
   Q7)
          120 - 48 = 72
          8u = 72
          1u = 72 \div 8 = 9
          9u = 9 \times 9 = 81 stickers
  Q8)
          3u = 15
          1u = 15 \div 3 = 5
          2u = 5 \times 2 = 10
          8 \times 5 = 40
         20 \times 10 = 200
         200 + 40 = 240 \text{ cm}2
  Q9)
         3/7 --- 180
         1/7 - -180 \div 3 = 60
         60 \times 7 = 420 \text{ toys}
 Q10) a)50 \times 120 = 6000
           5/8 \times 6000 = 3750
           3750 \div 150 = 25
         b)6000 - 3750 = 2250
           9/10 x 2250 = 2025
          2050 - 2025 = 225
 Q11) 98 + 73 = 171
         171 - 145 = 26
        26 + 47 = 72
        72 + 35 = 108
 Q12) 7u - 15 = 195
        7u = 195 + 15 = 210
        1u = 210 \div 7 = 30
        3u = 30 \times 3 = 90
        90 - 15 = 75
Q13) 5 + 9 = 14
        14u = 252
        1u = 252 ÷14 = 18
       30u = 18 x 30 = 540
Q14) 35 gaps --- 35 x 4 = 140
       25 gaps --- 140 ÷ 25 = 5.6 m
Q15) Cost of 8 apples --- 4.20 + 3 = 7.20
       Cost of 1 apple --- 7.20 \div 8 = 0.90
       Cost of 15 apples --- 15 x 0.90 =13.50
       13.50 + 3 = $16.50
Q16) 16 \times 0.50 = 8
       8 + 2 = 10
       1 - -0.50 = 0.50
```

10÷0.50 = 20 \$1 coins

Q17) Cost of 8 shirts --- 320

Cost of 1 shirt --- 320 ÷ 8 = 40

Cost of 6 shirts --- 6 x 40 = 240

240÷4 = 60 60 + 40 = \$100



Established since 1930

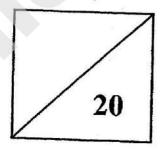
RULANG PRIMARY SCHOOL

Nurturing Competencies, Inspiring Excellence, Empowering Individuals Scholars of Tomorrow

Name	:	() Total Marks Paper 1
Level	:	Primary Five	Tapel 1
Class	:	Primary 5	6/2
Date	:	4 May 2018	45
Setters	:	Mdm Sajini and Mr Susiayanto	/

SEMESTRAL ASSESSMENT 1 2018 MATHEMATICS

PAPER 1 BOOKLET A



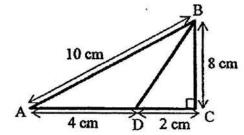
TOTAL TIME FOR PAPER 1 (BOOKLETS A & B): 1 hour 30 questions 45 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.
- YOU ARE NOT ALLOWED TO USE A CALCULATOR.

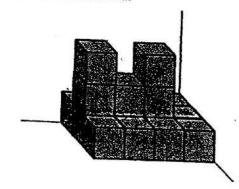
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3 or 4) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(20 marks)

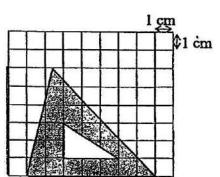
- 1. What is the value of 740 thousands + 9 hundreds + 5 ones?
 - (1) 74 905
 - (2) 74 950
 - (3) 740 905
 - (4) 740 950
- 2. Find the value of $40 + 4 \times 6 10 \div 2$.
 - (1) 27
 - (2) 59
 - (3) 127
 - (4) 259
- 3. Find the value of $7-2\frac{1}{6}$.
 - (1) $4\frac{1}{6}$
 - (2) $4\frac{5}{6}$
 - (3) $5\frac{1}{6}$
 - (4) $5\frac{5}{6}$
- 4. The total mass of Dan's bag and Eric's bag is $10\frac{3}{7}$ kg. If Dan's bag weighs $5\frac{2}{3}$ kg, find the mass of Eric's bag.
 - (1) $4\frac{16}{21}$ kg
 - (2) $5\frac{5}{21}$ kg
 - (3) $5\frac{16}{21}$ kg
 - (4) $5\frac{1}{4}$ kg
- 5. Find the area of Triangle ABD shown below.
 - (1) 8 cm²
 - (2) 16 cm²
 - (3) 20 cm²
 - (4) 24 cm²



- 6. There were 240 pupils at a concert. The ratio of the number of boys to the number of girls was 3: 5. How many boys were there at the concert?
 - (1) 30
 - (2) 80
 - (3) 90
 - (4) 150
- 7. A ball of string is cut into three pieces in the ratio 3:4:5. The longest piece is 35 cm. Find the length of the shortest piece of string.
 - (1) 7 cm
 - (2) 21 cm
 - (3) 28 cm
 - (4) 84 cm
- 8. Which one of the following has the same value as 48×70 ?
 - (1) $40 + 8 \times 70$
 - (2) $48 \times 7 \times 10$
 - $(3) \quad 4 \times 8 \times 7 \times 10$
 - (4) $40 + 8 \times 7 + 10$
- 9. Find the volume of a cube of edge 7 cm.
 - (1) 21 cm³
 - (2) 49 cm³
 - (3) 294 cm³
 - (4) 343 cm³
- 10. The solid below is made up of 1-cm cubes. Find the volume of the solid.
 - (1) 12 cm³
 - (2) 13 cm³
 - (3) 17 cm³
 - (4) 36 cm³



- 11. Jake had 18 fewer marbles than Calvin at first. After Jake gave 4 marbles to Calvin, Calvin had twice as many marbles as Jake. How many marbles did Jake have at first?
 - (1) 26
 - (2) 30
 - (3) 48
 - (4) 52
- 12. Mr Tan bought $\frac{3}{4}$ kg of meat. He cooked $\frac{2}{3}$ of it. How much meat was left?
 - (1) $\frac{1}{12}$ kg
 - (2) $\frac{1}{4}$ kg
 - (3) $\frac{1}{3}$ kg
 - (4) $\frac{1}{2}$ kg
- 13. Ain baked some cupcakes. She gave 6 cupcakes to her sister and $\frac{1}{4}$ of the remaining cupcakes to her friend. She then had 18 cupcakes left. Find the ratio of the number of cupcakes she gave her sister to the total number of cupcakes she baked.
 - (1) 1:3
 - (2) 1:4
 - (3) 1:5
 - (4) 1:6
- 14. Find the total shaded area of the figure below.
 - (1) 15 cm²
 - (2) $18 \, \text{cm}^2$
 - (3) 21 cm²
 - (4) 42 cm²



- 15. In a farm, $\frac{5}{9}$ of the animals are cows, $\frac{1}{4}$ of the remaining animals are goats and the rest are chickens. There are 44 more cows than goats. How many cows are there in the farm?
 - (1) 55
 - (2) 80
 - (3) 99
 - (4) 144



RULANG PRIMARY SCHOOL

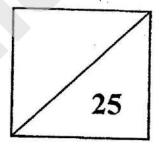
Nurturing Competencies, Inspiring Excellence, Empowering Individuals Scholars of Tomorrow

Established since 1930

Name	:	(
Level	:	Primary Five
Class	:	Primary 5
Date	:	4 May 2018
Setters	:	Mdm Sajini and Mr Susiayanto

SEMESTRAL ASSESSMENT 1 2018 MATHEMATICS

PAPER 1 BOOKLET B



TOTAL TIME FOR PAPER 1 (BOOKLETS A & B): 1 hour 30 questions 45 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.
- YOU ARE <u>NOT</u> ALLOWED TO USE A CALCULATOR.

Que which	stions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions ch require units, give your answers in the units stated (5 marks)
16.	Write three million, eight hundred and ninety-two thousand in numerals.
2	
	Ans:
17.	Mr lee needs to buy 427 bottles of water for a sports carnival. The bottles of water are sold in boxes of 20. What is the minimum number of 10.
*:	in boxes of 20. What is the minimum number of boxes of bottles of water Mr Lee has to buy
	Ans:
18.	A book seller had 360 books at first. He sold 30 books on Saturday. On Sunday, he sold thrice the number of books he sold on Saturday. How many books were left unsold?
	Ans:
	7

19. Devi had $\frac{5}{7}$ m of ribbon. She used $\frac{1}{4}$ of it to tie a present. What was the length of the ribbon that Devi used to tie the present?

Ans: _____ m

20. Terence had a sum of money at first. After spending $\frac{4}{5}$ of his money, he had \$20 left. How much money did he spend?

Ans: \$ _____

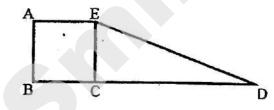
Questions 21 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(20 marks)

- 21. Mark travelled $\frac{1}{5}$ of a journey on foot and $\frac{3}{4}$ of the remaining journey by train. He cycled the last 11 km to complete the journey.
 - (a) Find the distance he travelled by train.
 - (b) What was the total distance he travelled?

Ans:	(a)	km
	(b)	km

- 22. The figure below is made up of a square ABCE and a triangle CDE. The area of the square is 25 cm. The length of CD is three times the length of BC.
 - (a) Find the length of each side of the square ABCE.
 - (b) Find the area of the triangle CDE.



Ans	: (a)	cm
	(b)	cm ²

23.	15(a) (b)		
7			
		Ans: (a)	
*1			
		(b)	
24.	You .	A 1. 5 e c	
4	Jar 1	A has $\frac{5}{8}$ ℓ of orange juice. Jar B has 550 m ℓ more orange juice than Jar A.	
	(a)	How much orange juice are there in Jar B?	
	(b)	How much orange juice are there in the 2 jars altogether?	
2			
		Anne	
		Ans: (a) m£	

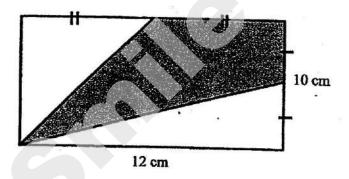
Ans:			
_	 	 	

26. There are 54 cars and motorcycles parked at a carpark. There is a total of 174 wheels altogether. How many cars are there?

27. $\frac{3}{5}$ of the number of pens displayed at a bookshop were red while the rest were blue. After 260 red pens and $\frac{1}{4}$ of the blue pens were sold, $\frac{1}{2}$ of the pens were left. How many pens were displayed at the bookshop at first?

			(9)	
Ans:				
_	 	 		
				_

28. Find the shaded area of the rectangle.



Ans:	cm ²

29.	On Saturday, Meg made 140 paper cranes while Jenny made 25 fewer paper cranes than
	Meg. On Sunday, Jenny made another 15 paper cranes. What was the ratio of the number
	of paper crailes Meg made to the number of paper cranes Jenny made to the total number
	of paper cranes made by them? (Express your answer in the simplest form.)

Aug	
Value of the second	

 Andy and Bryan had an equal number of stamps at first. Andy gave 30 of his stamps to Bryan. Bryan then bought another 16 stamps.

Each statement below is either true, false or not possible to tell from the information given above. For each statement, put a tick (\checkmark) in the correct column.

Statements	True	False	Not possible to tell
After Andy had given 30 of his stamps to Bryan, Bryan had 30 more stamps than him.			
Bryan had 114 stamps in the end.			



RULANG PRIMARY SCHOOL

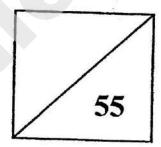
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Name	:	Total Marks Papers 1 & 2	
Level	:	Primary Five	/
Class	:	Primary 5	
Date	:	4 May 2018	
Setters	:	Mdm Sajini and Mr Susiavanto	

SEMESTRAL ASSESSMENT 1 2018 MATHEMATICS

PAPER 2



TOTAL TIME FOR PAPER 2: 1 hour 30 minutes

- 17 questions
- 55 marks
- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.
- YOU ARE ALLOWED TO USE A CALCULATOR.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

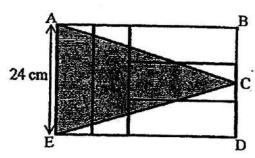
 Ray and Sarah have a total of 280 stamps in their stamp collections. Sarah and Tom have a total of 120 stamps in their stamp collections. Ray has 5 times as many stamps as Tom. How many stamps does Sarah have?

Ans:____

2. Mr Chan gave $\frac{2}{5}$ of his salary to his parents and $\frac{1}{4}$ of the remainder to his wife. If Mr Chan gave his wife \$1500, how much money did he give his parents?

Ans: \$ _____

In the figure below, Rectangle ABDE is made up of 5 smaller identical rectangles. The length
of AE is 24 cm. Find the area of the shaded triangle ACE.



A section and the second section is	
Ans:	cm ²
	 CIII

4. Ken, Sam and Ben shared some stickers in the ratio 10:5:3. Ken decided to give Sam and Ben a total of 72 stickers so that all of them would have the same number of stickers in the end. Find the total number of stickers the boys had.

Ans: _____

5. A fish tank measures 115 cm by 65 cm by 50 cm. Water is poured into the tank until it is $\frac{4}{5}$ full. Find the volume of water in the fish tank in litres.

Ans: _____ ε

For Questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [] at the end of each question or part-question.

(45 marks)

 Mrs Lim gave John and his sister an equal amount of money to spend at a bookshop. John spent all his money on 42 pens at 6 for \$5. His sister bought 8 files and had \$3 left.

(a) How much did each file cost?

(b) If John decided to buy both pens and files instead, how many pens and files could he buy?

Ans:	(a)_	*		[1]
	(b)	Pens:	:46 	
		Files:		[2]

7. The distance between Benjamin's workplace and his house is $3\frac{2}{5}$ km. Benjamin cycles to work and back home every day, taking the same route.

(a) Last Friday, Benjamin was cycling home from work when one of his bicycle tyres to punctured. He walked the remaining distance of 1 ⁴/₅ km home. How far was he from his workplace when he started walking home?

(b) What was the total distance he cycled that day?

(m)		
3	Ans: (a)	[1]
	(b)	[2]

- A rectangle water tank measuring 38 cm by 36 cm by 30 cm was filled with water to a
 height of 16 cm. When 3 identical pails of water were poured into the tank, the water
 level rose to 24 cm.
 - (a) Find the volume of water in the rectangular water tank at first.
 - (b) What was the capacity of each pail?

Ans: (a)	[1]
(b)	[2]

- Meera was 18 years old two years ago. The ratio of her age to her sister's age then was
 3:1.
 - (a) How old was Meera's sister two years ago?
 - (b) Find their total age now.

Ans:	(a)	[1]
	(b)	_ [2]

- 10. A group of pupils was divided equally into Team P and Team Q during a sports carnival. The ratio of the number of boys to the number of girls in Team P was 1:3 and the ratio of the number of boys to the number of girls in Team Q was 5:7.
 - (a) Find the ratio of the number of boys to the number of girls who took part in the sports carnival.
 - (b) There were 24 more girls than boys at the carnival. How many pupils were at the carnival?

	×	
Ans:	(a)	
	(b)	[2]
8		

- 11. Andy and Jennifer collected \$1328 for charity. $\frac{2}{3}$ of the amount of money Andy collected was equal to $\frac{6}{7}$ of the amount of money.
 - (a) How much money did Andy collect?
 - (b) How much more money should Jennifer collect so that she would have twice the amount of money Andy had collected?

Ans:	(a)	[i]
	(b)	[2]

12.	Ada	m has a book with 365 pages in it. He is able to read a maximum of 7 pages of the book
	(a)	How many days will he take to complete reading the book?
	(b)	His sister reads the same book for 6 days a week. How many weeks will she take to complete reading the book?

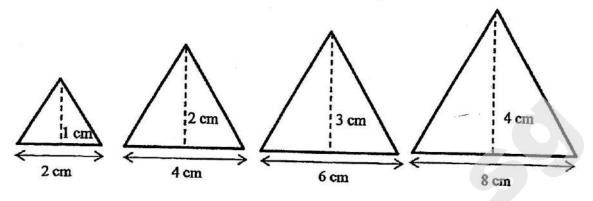
Ans:	(a)	[1]
	(b)	[3]

13.

Look at the patterns shown below.

(a) Find the area of the triangle in the 6th pattern.

(b) Find the total area of the triangles in the first 10 patterns.



Pattern 1

Pattern 2

Pattern 3

Pattern 4

Ans:	(a)	[1]
	(b)	[3]

- 14. Boxes kept in a warehouse are in 3 different sizes, large, medium and small. $\frac{4}{9}$ of the boxes are medium and $\frac{2}{5}$ of the boxes are small. There are 528 more small boxes than large boxes.
 - (a) What fraction of the boxes are large boxes?
 - (b) What is the total number of number of boxes kept in the warehouse?

Ans:	(a)	[1]
	(b)	[3]

- 15. Kenneth mixed orange syrup and water in the ratio 2: 5 to make a drink. He used 670 ml of orange syrup to make the drink.
 - (a) How many millilitres of drink did Kenneth make?
 - (b) After making the drink, Kenneth gave 250ml of it to his sister and drank ²/₅ of the remaining drink. He then poured the rest of the drink equally into 3 cups. How much drink was there in each cup?(Give your answer in millilitres)

Ans:	(a)	 _ [1]
	(b)	_ [4]

- 16. Hamid saved some 20-cent coins and 50-cent coins in the ratio 3: 4. His father replaced $\frac{1}{3}$ of the 20-cent coins with the same number of 50-cent coins. The amount of money Hamid had increased by \$4.50.
 - (a) How many 20-cent coins were replaced with 50-cent coins?
 - (b) How much money did Hamid save at first?

Ans:	(a)	 [1]
	(b)	[4]

- 17. There were thrice as many red roses as white roses in a carton. After $\frac{1}{4}$ of the red roses and $\frac{3}{8}$ of the white roses were taken out, there were 351 fewer white roses than red roses left in the carton.
 - (a) What fraction of the roses were left in the carton?
 - (b) How many white roses were in the carton at first?

Ans:	(a)	[1]
Ans:	(b)	[4]

SCHOOL :

RULANG PRIMARY SCHOOL

LEVEL :

PRIMARY 5

SUBJECT :

MATH

TERM

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

3 2 2 1 2 3 2 9 Q10	- Q1-	Q2.	Q3 - I	- Q4	-05	O6	F 67	I - 60		
	3	2	2	1	2	3	* U/	- Q8	Q9)	Q10

Q/11	Q12	Q13	014	0.015
_ 2	. 2	3	2	1

PAPER 1 BOOKLET B

_				
Q1	6)	3	892	000

$$21 + 1 = 22$$

Q18)
$$30 \times 3 = 90$$

$$90 + 30 = 120$$

$$360 - 120 = 240$$

Q19)
$$\frac{1}{4} = \frac{5}{20}$$

Q20)
$$20 \times 4 = 80$$

Q21) a)
$$11 \times 3 = 33 \text{ km}$$

The length of each side of square ABCE is 5 cm.

$$\frac{1}{2} \times 15 \times 5 = 31 \ cm^2$$

Boys: Girls

105 : 45

7 : 3

b) Boys: Pupils

105 : 150

21: 30

7:10

Q24)

a) A $\rightarrow \frac{5}{8} = \frac{625}{1000} = 625 \text{ ml}$

 $B \rightarrow 625 + 550 = 1175 \text{ ml} = 1 \text{ litre } 175 \text{ ml}$

b) 625 + 1175 = 1800

1800 ml = 1 litre 800 ml

Q25) 5......95

$$95 - 5 + 1 = 91$$

$$91 - 1 = 90$$

$$90 \div 2 = 45$$

$$4500 + 50 = 4550$$

Q26) 1 car → 4 wheels

1 motorcycle → 2 wheels

Assuming all are motorcycles:

 $54 \times 2 = 108$

Excess \rightarrow 174 – 108 = 66

Difference $\rightarrow 4-2=2$

No. of cars \rightarrow 66 ÷ 2 = 33

Q27) $10 \div 2 = 5$

$$260 \div 4 = 65$$

Q28) $10 \div 2 = 5$

$$\frac{1}{2}$$
 x 12 x 5 = 30

$$12 \div 2 = 6$$

$$\frac{1}{2}$$
 x 6 x 10 = 30

$$10 \times 12 = 120$$

$$30 + 30 = 60$$

 $120 - 60 = 60 \ cm^2$

Q29) On Saturday \rightarrow 140 – 25 = 115

On Sunday \rightarrow 115 + 15 = 130

Meg: Jenny: Total

140: 130: 270

14: 13:27

Q30) False, Not possible to tell

PAPER 2

Q1)	280 – 120 = 160
~.,	160 ÷ 4 = 40
	120 – 40 = 80
	120 - 40 - 80
Q2)	1500 x 4 = 6000
~_/	6000 ÷ 3 = 2000
	2000 x 2 = 4000
	He gave his parents \$4000.
	ne gave ms parents \$4000.
Q3)	24 ÷ 3 = 8
	24 + 8 + 8 = 40
	1
	$\frac{1}{2}$ x 24 x 40 = 480
	Area of the shaded triangle ACE is 480 cm^2
	and thangle AGE is 400 cm
Q4)	Ken: Sam: Ben
	10: 5 : 3
	10 + 5 + 3 = 18
	18 ÷ 3 = 6
	10 – 6 = 4
	4 units → 72
	1 unit \rightarrow 72 ÷ 4 = 18
	18 x 18 = 324 stickers
Q5)	115 x 65 x 50 = 373 750
	373 750 ÷ 5 = 74 750 ·
	74 750 x 4 = 299 000
	299 000 cm^3 = 299 litre
26)	a) 42 ÷ 6 = 7
	$7 \times 5 = 35 \text{ (john)}$
	35 – 3 = 32
	32 ÷ 8 = 4 (Ans : \$4)
	b) 4+5=9
	35 ÷ 9 = 3 R 8
	4 x 2 = 8
	$Files \rightarrow 3 + 2 = 5$
	Pens → 3 x 6 = 18
	. 5.5 7 0 7 0 7 10

```
Q7)
       a) 32/5 - 14/5 = 13/5 km
        b) 3 \frac{2}{5} + 1 \frac{3}{5} = 5 \text{ km}
Q8)
           a) 38 \text{ cm } \times 38 \text{ cm } \times 16 \text{ cm} = 21 888 \text{ cm}^3
           b) 38 x 36 x 24 = 32 832
              32 832 - 21 888 = 10 944
              10\ 944 \div 3 = 3648\ cm^3
Q9)
           a) Two years ago
              Meera: Sister
                 3 : 1
              18 \div 3 = 6 years old
           b) 18 + 2 = 20
              6 + 2 = 8
              20 + 8 = 28 years old
Q10)
           a)
                    Team P
                                                     Team Q
              Boys: Girls: Total
                                           Boys: Girls: Total
                1 :
                        3 : 4
                                              5 : 7 : 12
                3:9:12
                                           5 : 7 : 12
              Total Boys: Total Girls
                   8
                               16
                                2
                                      (Ans)
           b) 2-1=1
              2 + 1 = 3
              3 \times 24 = 72 pupils
Q11)
          a) 9 + 7 = 16
              1328 \div 16 = 83
              83 \times 9 = 747
              Andy collected $747.
          b) 742 x 1494
              83 \times 7 = 581
              Collect more → $1491 – $581 = $913
```

Q12)	0211
	52 + 1 = 53 (Ans : 53 days)
	b) $6 \times 7 = 42$
	365 ÷ 42 = 8 R 29
	Ans: 9 weeks
Q13)	a)
	Pattern 1 1/2 x 2 x 1 = 1
	- 1202A1
	77.17.2 - 4 (2.7.2)
	- (5 X 3)
	Pattern 4 1/2 x 8 x 4 = 16 (4 x 4)
	Pattern $6 \rightarrow 6 \times 6 = 36$
393	b) Total area \rightarrow 1 + 4 + 9 + 16 + 25 + 36 + 49 + 64 + 81 + 100 = 385 cm ²
Q14)	. 4 20
Q14)	a) $\frac{4}{9} = \frac{20}{45}$
	$\frac{2}{2} = \frac{18}{18}$
	5 = 45
	$\frac{20}{45} + \frac{18}{45} = \frac{38}{45}$
	45 – 38 = 7
	$\frac{7}{2}$ of the house
	$\overline{45}$ of the boxes are large boxes.
•	b) 18 – 7 = 11
	528 ÷ 11 = 48
	48 x 45 = 2160
	The total numver of boxes kept in the warehouse is 2160.
	the wateriouse is 2160.
Q15)	a) Orange syrup: water
	2 : 5
	670 ÷ 2 = 335
	2 + 5 = 7
	335 x 7 = 2345 ml
	b) 2245 OFO OFO
	b) 2345 – 250 = 2095
	2095 ÷ 5 = 419
	419 x 2 = 838

2095 - 838 = 1257 1257 ÷ 3 = **419 ml** Q16) a) <u>20 cents</u>: <u>50 cents</u> 3 : 4 0.50 - 0.20 = 0.30 4.50 ÷ 0.30 = 15

> <u>15</u> 20-cent coins were replaced with 50-cent coins. b) $\frac{1}{2} \div 3 = 1$

b)
$$\frac{1}{3} \div 3 = 1$$

1 unit = 15 coins
2 units = 15 x 3 = 45
45 x 0.20 = 4 x 15 = 60
60 x \$0.50 = \$30
\$30 + \$9 = \$39

Q17) a) 24 + 8 = 32 $24 \div 4 = 6$ (number of units taken out for red roses) 24 - 6 = 18 (number of units left for red roses) 8 - 3 = 5 (number of units left for white roses) 18 + 5 = 23

WSW / GAL / SL / WC

SINGAPORE CHINESE GIRLS' SCHOOL FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 5

MATHEMATICS PAPER 1

BOOKLET A

Name :		
Name:	() 2 May	2018

Class: Primary 5 SY/C/G/SE/P

	6	Marks attained	Max Mark
Paper 1	Booklet A		20
	Booklet B		25
Paper 2			55
Total Marks			100

Parent's Signature			
	ΔE		

15 Questions 20 Marks

Total Time for Booklets A and B: 1 h

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so. Follow all instructions carefully.

Answer all questions.

The use of calculator is NOT allowed.

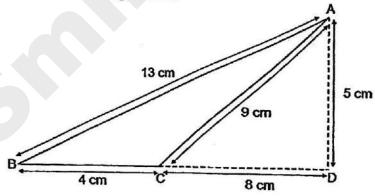
Booklet A

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- - (1) hundreds
 - (2) thousands
 - (3) ten thousands
 - (4) hundred thousands
- Find the value of 20 4 x 5 + 2 + 2
 - (1) 12
 - (2) 15
 - (3) 20
 - (4) 42
- 3. Express $3 + \frac{1}{10} + \frac{3}{500}$ as a decimal.
 - (1) 3.13
 - (2) 3.16
 - (3) 3.103
 - (4) 3.106
- 4. 68 x 15 = 15 x 30 + ____ x 15 + 2 x 15
 - (1) 8
 - (2) 21
 - (3) 36
 - (4) 38

- 5. What is the product of $\frac{1}{6}$ and $\frac{3}{4}$?
 - (1) $\frac{1}{2}$
 - (2) $\frac{1}{8}$
 - (3) $\frac{4}{10}$
 - (4) $\frac{11}{12}$
- 6. What is the missing value?

- (1) 12
- (2) 16
- (3) 21
- (4) 40
- 7. Find the area of triangle ABC.



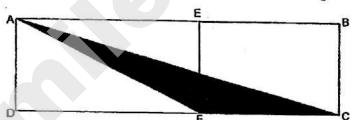
- (1) 10 cm²
- (2) 18 cm²
- (3) 20 cm²
- (4) 30 cm²

- Which fraction has the smallest value? 8.
 - $\frac{2}{3}$ (1)
 - (2)
 - (3)
 - (4)
- A container with a square base was filled with water to the brim. What is the 9. volume of water?

25 cm



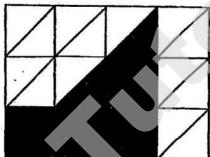
- (2)
- (3) 2500 cm³
- (4) 25 000 cm³
- Who made a correct statement about the area of triangle ACF? 10.



Mary:	The area of triangle ACF is the same as the area of rectangle ABCD.
John:	The area of triangle ACF is half of the area of rectangle ABCD.
Alice:	The area of triangle ACF is the same as the area of rectangle BCFE.
Ben:	The area of triangle ACF is half of the area of rectangle BCFE.

- (1) Mary
- (2) John
- (3) Alice
- (4) Ben

- 11. Mrs Tan ordered notebooks for her class of 40 students. Each notebook costs \$1.20. Every student received one notebook. How much did she pay for the notebooks?
 - (1) \$4.80
 - (2) \$12
 - (3) \$16.80
 - (4) \$48
- 12. The figure is made up of 4 squares and 2 rectangles. What fraction of the figure is shaded?



- (1) $\frac{2}{5}$
- (2) $\frac{5}{12}$
- (3) $\frac{7}{12}$
- (4) $\frac{7}{18}$
- 13. Bernice and Shannon had a total of \$450. The ratio of Bernice's money to Shannon's money is 2:7. How much more money does Shannon have than Bernice?
 - (1) \$50
 - (2) \$100
 - (3) \$250
 - (4) \$350

- 14. Amanda and Bryan have 40 marbles. Bryan and Charlotte have 35 marbles. Amanda and Charlotte have 45 marbles. How many marbles do they have altogether?
 - (1) 35
 - (2) 40
 - (3) 60
 - (4) 120
- 15. Dennis and Elaine had an equal number of stamps. After Elaine sold 30 stamps and Dennis sold 78 stamps, Elaine had 4 times as many stamps as Dennis left. How many stamps does Dennis have at first?
 - (1) 90
 - (2) 94
 - (3) 104
 - (4) 188

End of Booklet A

WSW / GAL / SL/ WC

SINGAPORE CHINESE GIRLS' SCHOOL FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 5

MATHEMATICS PAPER 1

BOOKLET B

Name:	.().	2 May 2018

Class : Primary 5 SY/C/G/SE/P

ark	
25	

15 Questions 25 Marks

Total Time for Booklets A and B: 1 h

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so. Follow all instructions carefully.

Answer all questions.

The use of calculator is NOT allowed.

Booklet B

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

Do not write in this column

16. Write 2 408 090 in words.

Ans: _____

17. 1 kg 5 g = _____ kg

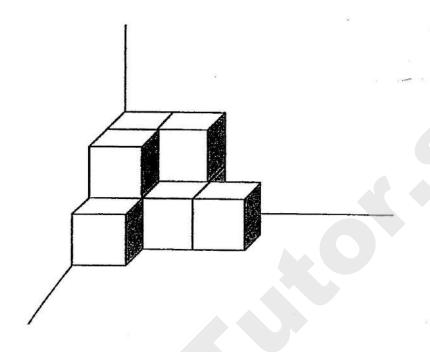
Ans: _____k

18. Express $\frac{6}{7}$ as a decimal. Leave your answer to the nearest 2 decimal places.

Ans: _____

19. The solid below is made up of 1-cm cubes stacking on top of one another. What is the volume of this solid?

Do not write in this column



Ans: _____cm

20. Melody and Janice have a total mass of 63 kg. Melody's mass is 28 kg. What is the ratio of Melody's mass to Janice's mass? Express your answer in its simplest form.

Ans:

/2

Questions 21 to 30 carry 2 marks each. Show your working clearly in the space for each question and write your answers in the space provided. For questions which require units, give your answers in the units stated.

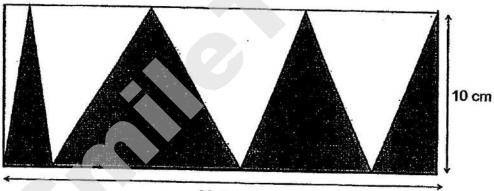
Do not write in this column

(20 marks)

21. What fraction is exactly in between $\frac{3}{8}$ and $\frac{1}{2}$

Ans: ____

22. Find the area of the shaded part of the figure.



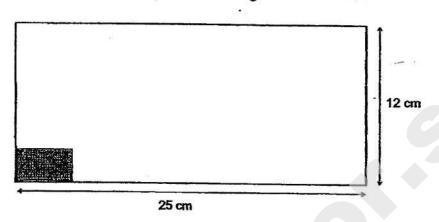
36 cm

Ans: ____ cm²

4

23. Peter has a piece of rectangular cloth measuring 25 cm by 12 cm. He wants to cut out smaller rectangles measuring 4 cm by 2 cm as shown below. What is the maximum number of smaller rectangles he will have?

Do not write in this column



Ans:

24. The ratio of Sonia's age to her mother's age is 1 : 4. In 6 years' time, the ratio of Sonia's age to her mother's age will be 1 : 3. How old is Sonia's mother now?

Ans: _____years

4

25. The ratio of the length to breadth of a rectangle is 5 : 2. The length is 15 cm. Find the area of the rectangle.

Do not writ in this column

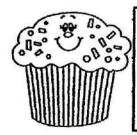
Ans: ____ cm²

 $\frac{1}{4}$ 26. Mr Ahmad spent $\frac{1}{4}$ of his money on transport and $\frac{5}{6}$ of the remaining money on food. He then saved the rest. What fraction of his money did he save?

Ans: _____

27. Mdm Yeo wants to buy some cupcakes for a party. What is the least amount of money that Mdm Yeo must pay so that she will be able to get a total of 48 cupcakes?

Do not write in this column



3 cupcakes for \$5 Buy 3 cupcakes and get 1 free

Ans: _____

28. Sasha had $\frac{9}{10}$ kg of flour. She used $\frac{2}{3}$ of it. How much flour does she have left? Give your answer as a fraction in the simplest form.

Ans: ka

29.	A small boat can either carry 6 adults or 14 children. There are already 3 adults and 2 children on board the boat. How many more children can the boat carry?	Do not writ in this column
383	Ans:	,
30.	A total of 76 children queued up for candy floss. There are at least 2 girls standing in between any 2 boys. What is the largest possible number of boys in the queue?	

Ans: _____

End of Booklet B



WSW / GAL / SL / WC

SINGAPORE CHINESE GIRLS' SCHOOL FIRST SEMESTRAL ASSESSMENT 2018

PRIMARY 5

MATHEMATICS

PAPER 2

Name	:

2 May 2018

Class : Primary 5 SY/C/G/SE/P

Paper 2	Mark	Max Mark
		55

Parent's Signature	
	_

17 Questions 55 Marks

Total Time for Paper 2: 1 h 30 min

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so. Follow all instructions carefully.

Answer all questions.

The use of calculator is allowed.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the space provided. For questions which require units, give your answers in the units stated. (10 marks)

Do not write in this column

1. Amirah, Benjamin and Celene baked a total of 165 cookies. Amira baked 40 more cookies than Benjamin. Benjamin baked $\frac{1}{3}$ of what Celene baked. How many cookies did Benjamin bake?

Ans: 25

2. In a fruits shop, $\frac{2}{5}$ of the fruits were apples and $\frac{1}{6}$ of the remaining fruits were mangoes. The rest were oranges. There were 72 more apples than oranges. How many fruits were there altogether?

Ans:

3. The table shows the parking charges at SC Mall. Sharon parked her car at the mall from 1.30 p.m. to 3.45 p.m. How much does she have to pay?

Do not write in this column

First hour	\$2
Every subsequent 30 minutes or part thereof	\$0.50

Ans: \$ ____

4. In a concert, the number of adults was 4 times the number of children and the number of girls was thrice the number of boys. There were 60 more adults than boys. How many girls were there at the concert?

Ans: _____

5. Mdm Ho bought 6 mangoes and 2 pears for \$14.20. Mr Lee bought 2 mangoes and 3 pears for \$6.60. How much does 1 pear cost?

Do not write in this column

Ans: \$____

Questions 6 to 18, show your working clearly in the space below each question and write your answers in the space provided. The number of marks awarded is shown in the brackets [] at the end of the question or part-question.

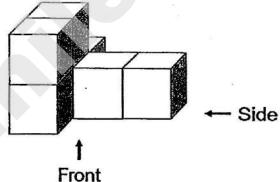
Do not write in this column

(50 marks)

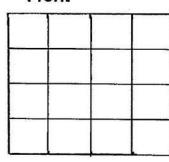
6. The ratio of sweets to chocolates that Janice has is 1:3. After buying another 24 more sweets, the ratio of sweets to chocolates became 3:5. How many sweets and chocolates did she have in total at first?

Ans: _____[3]

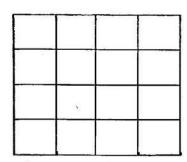
7. Draw the front, side and top view of the figure shown below.







Sic	e	V	e	W	



Top view

6

[3]

8. Marion had \$112 more than Tasha. After Tasha gave $\frac{1}{5}$ of her money to Marion,

Do not write in this column

Tasha had $\frac{2}{7}$ of what Marion had. How much money did Marion have at first?

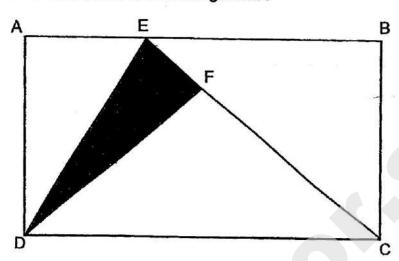
Ans : _____[3]

9. The length of a rectangle is thrice its breadth. After its length is shortened by 16 cm and its breadth is shortened by 2 cm, it will form a square. What is the area of the square?

Ans : _____[3]

The area of the rectangle ABCD is 560 cm². The area of triangle CDF is 160 Do not write in this 10. cm². Find the area of the shaded triangle DEF.

column



Ans: [3]

Mrs Wong prepared 3.5 t of orange juice to serve her guests. She poured exactly | Do not 11. 400 mt of orange juice into each cup.

column

- (a) What is the maximum number of cups of orange juice she can serve her guests?
- (b) How much orange juice is there left?

Ans:	(a)			[2]
			 	_ L-3

	- 6	/
	/	
	/	
/	1	
/	-	

12. A group of students were given some candies to be shared equally among them. They started by distributing 3 candies per student but realised that the last student only had 2 candies. However, if they distributed 5 candies to each student, there will be 5 students without any candies. How many candies were there altogether?

Do not write in this column

Ans:	 [4]

13. At a carnival, Elizabeth spent $\frac{2}{5}$ of her money. Alayna spent $\frac{5}{7}$ of her money and Benedict spent \$15. They then had the same amount of money left. Benedict and Elizabeth have a total of \$175 at first. How much more money did Alayna have than Elizabeth at first?

Do not write in this

Ans	:	[4]
	•	[7]

14. Sharon baked some cookies to sell as part of the fund raising carnival. On the first day, each cookie was sold at \$1.50 and she collected a total of \$90. On the second day, she decided to give a \$0.30 discount for each cookie. How many more cookies must she sell to be able to collect the same amount of money as the first day?

Do not write in this column

Ans : _____ [4]

Benson spent \$20 less than $\frac{5}{9}$ of his money on a bag. He then spent $\frac{2}{9}$ of his write in this column 15. remaining money on a wallet. Given that he had \$140 left, how much money did Benson have at first?

Ans:	_[4]

16. The maximum marks for a test is 100. For every correct answer, 5 marks were awarded. For every incorrect answer, 2 marks were deducted. Eric attempted all the questions and scored 72 marks.

Do not write in this column

- (a) How many questions did he answer correctly?
- (b) He took the test again and got 2 additional questions correct. What is his new score?

Ans:	(a)		_[3]
	·/		 _ [~]

			10-24-03-03
b) _			เว
U)			14

	_/	3
	/	
/	F	
/	J	

17.	There are some 20¢ and 50¢ coins in a box. For every 3 20¢ coins, there wi	Do not
	be 2 50¢ coins. The value of 50¢ coins is \$38 more than the value of 20¢ coins	write in this column
	Find the total number of coins.	
	184	
		}
		ĺ
•		
18		
	-	
	Ans:[5]	
	End of Paper 2	5

SCHOOL :

SINGAPORE CHINESE GIRLS' SCHOOL

LEVEL :

PRIMARY 5

SUBJECT:

MATH

TERM :

2018 SA1

CONTACT:

PAPER 1 BOOKLET A

Q 1	Q2	Q3	Q4	05	റെ	Λ7: ·	0.0		
3	1	4	3	2	3	1	2	. U9 3	Q10

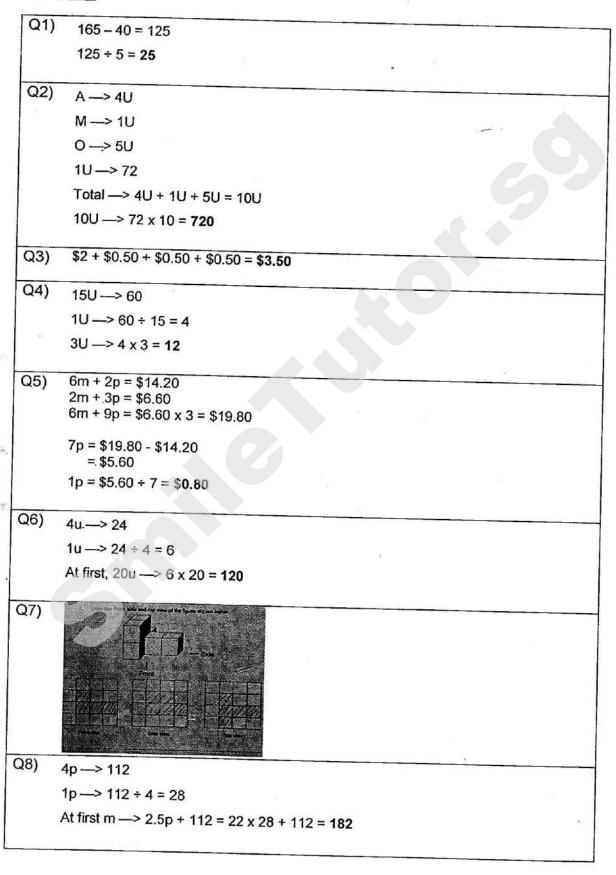
Q 11	Q12	Q13	Q14	O15
4	2	3	3	2

PAPER 1 BOOKLET B

63 - 28 = 35 5 6 6/16 8/16			sand and ninety	y.	
5/16					
5/16		-:			
5/16					=
5/16 3/16					
veen —> 7/16					
0 = 360 2 = 180		- ×			
= 6 R 1					
				4-	
	2 = 180 = 6 R 1 = 6 = 36	2 = 180 = 6 R 1 = 6	2 = 180 = 6 R 1 = 6	2 = 180 = 6 R 1 = 6	2 = 180 = 6 R 1 = 6

004	
Q24)	S:M:diff
	Now -> 1:4:3
	2:8:6
	6 yrs later> 1:3:2
1	3:9:6
	3.3.3
ļ	1U → 6
	The state of the s
	M (now) $8U \longrightarrow 6 \times 8 = 48$
005	
Q25)	<u>L: B</u> 5: 2
	5:2
	5U —> 15
i	1U -> 15 ÷ 5 = 3
	$2U \rightarrow 3 \times 2 = 6$
	Area \longrightarrow 15 x 6 = 90
	7.10 C 7 10 X 0 = 30
Q26)	1/6 x ³ / ₄ = 3/24 = 1/8
/	110 x 74 - 3/24 - 1/6
027)	
Q27)	4 cupcakes —> \$5
	48 ÷ 4 = 12
	48 cupcakes> \$5 x 12 = \$60
	10 Suppurios - 40 X 12 - 400
Q28)	1 - 2/3 = 1/3
(420)	1/3 x 9/10 = 3/10
	1/3 / 3/10 - 3/10
Q29)	A : C
Q23)	6:14
	3:7
	7C + 2C = 9C
	14C - 9C = 5C
Q30)	76 ÷ 3 = 25 R 1
	25 + 1 = 26
	· ·

PAPER 2



000	
Q9)	16 – 2 = 14
	1u> 14 ÷ 2 = 7cm
	Side of square —> 5 cm
63	Area> 5 cm² x 5 cm² = 25 cm²
Q10)	Triangle DFC> ½ x 560 cm ² = 280 cm ²
	Triangle DEF> 280 cm ² - 160 cm ² = 120 cm ²
Q11)	1 litre → 1000 ml
	3 litre → 3000 ml
	3.5 litre → 3500 ml a) 3500ml ÷ 400 ml = 8.75 = 8 ¾ = 8
	b) Remainder $\rightarrow \frac{3}{4} \times 400 = 300 \text{ m}$
	b) Remainder - 7/4 x 400 - 300 mil
Q12)	Multiple of 3: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36
3	+2 : 5, 8, 11, 14, 17, <u>20,</u> 23, 26, 29, 32, <u>35,</u> 38
	NAMES OF STREET
	Multiple of 5 : 5, 10, 15, <u>20</u> , 25, 30, <u>35</u> , 40
	12 pupils – 7 pupils = 5 pupils
	Total no. of sweets → 35 (Ans)
Q13)	
	E 10 u
	B 6 u \$15
	E
	В
	A
	16u → \$175 - \$115
	= \$160
	1u → \$160 ÷ 10
39	= \$16
	11u → \$10 x 11
	= \$110
Q14)	Day 1 → \$90 ÷ \$1.50 = 60
Q 14)	Day $2 \rightarrow \$1.50 - \$0.30 = \$1.20$
	Day 2 \rightarrow \$90 ÷ \$1.20 = 75
	How many more $\rightarrow 75 - 60 = 15$

Q15) 7u -> 140

$$1u \rightarrow 140 \div 7 = 20$$

$$9u \rightarrow 20 \times 9 = 180$$

$$4p \rightarrow 180 - 20 = 160$$

$$1p \rightarrow 160 \div 4 = 40$$

$$9p \rightarrow 9 \times 40 = 360$$

Q16) No. of Questions \rightarrow 100 ÷ 5 = 20

Assume all correct

Deduct
$$\rightarrow$$
 100 - 72 = 28

Every one wrong
$$\rightarrow$$
 5 + 2 = 7

No.of wrong
$$\rightarrow$$
 28 ÷ 7 = 4

No. of right question \Rightarrow 20 – 4 = 16

$$18Q \rightarrow 19 \times 5 = 90$$

$$2Q \rightarrow 2 \times 2 = 4$$

Mark
$$\rightarrow 90 - 4 = 86$$

Q17) Difference in 1 set -> \$1 - \$0.60 = \$0.40

No. of sets
$$\rightarrow$$
 \$38 ÷ \$0.40 = 95

Total no. of coins \rightarrow 95 x 5 = 475

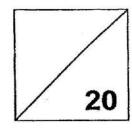


2018 PRIMARY 5 SEMESTRAL ASSESSMENT 1

Name:	() Date: 11 May 2018
Class: Primary 5 ()	Time: <u>8.00 a.m 9.00 a.m.</u>
Parent's Signature:	Marks: /100

Paper 1 comprises 2 booklets, A and B.

PAPER 1 (BOOKLET A)



INSTRUCTIONS TO CANDIDATES

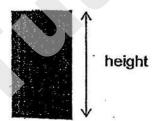
- Write your name, class and register number.
- Do not turn over this page until you are told to do so.
- 3. Follow all instructions carefully.
- Answer all questions.
- Shade your answers in the Optical Answer Sheet (OAS) provided.
- 6. You are not allowed to use a calculator.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4).

Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

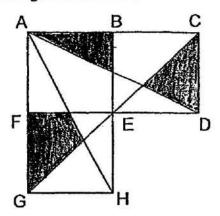
(20 marks)

- Which one of the following has the digit 4 in the hundreds place? 1.
 - (1) 154 708
 - (2) 342 951
 - (3)482 751
 - (4) 732 458
- What is the estimated height of the door of the classroom? 2.
 - (1) 0.24 m
 - (2) 2.40 m
 - (3) 24 m
 - (4) 240 m



- Which one of the following is not equal to 1.4? 3.
 - (1)
 - (2)
 - (3)
 - (4)

4. The figure is made up of 3 squares, ABEF, BCDE and EFGH. What fraction of the figure is shaded?



- (1) $\frac{1}{1}$
- (2) $\frac{3}{4}$
- (3) $\frac{1}{2}$
- (4) $\frac{1}{3}$
- 5. Express $\frac{3}{24}$ as a decimal.
 - (1) 0.08
 - (2) 0.12
 - (3) 0.125
 - (4) 0.135

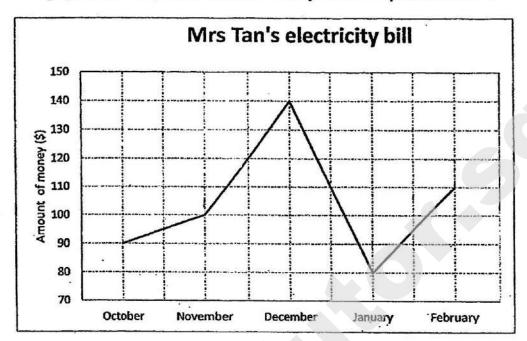
- 6 Find the value of $(8 \times 3) 14 + 50 \div 10$
 - . (1) 5
 - (2) 6
 - (3) 15
 - (4) 39
- 7. Which of the following shapes is not symmetrical?
 - (1)







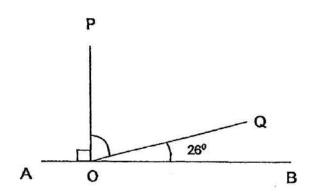
8. The graph below shows Mrs Tan's electricity bill for the past 5 months.



Between which months was the increase in the electricity consumption the greatest?

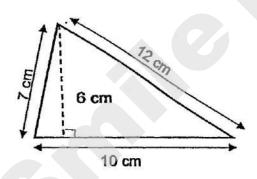
- (1) October and November
- (2) November and December
- (3) December and January
- (4) January and February

9.



Find \angle POQ.

- (1) 26°
- (2) 64°
- (3) 116°
- (4) 154°
- 10. Find the area of the triangle.



- (1) 21 cm²
- (2) 30 cm²
- (3) 36 cm²
- (4) 60 cm²

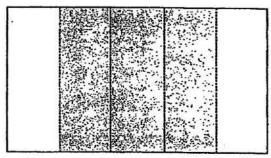
11. Mark had a box of counters of different shapes. He counted the shapes as shown in the table.

Star	Circle	Oval	Triangle
12	18	9	6

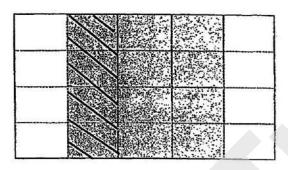
Find the ratio of the number of circles to the total number of shapes.

- (1) 5:3
- (2) 2:5
- (3) 3:5
- (4) 5:4
- 12. Mrs Tan baked 250 pineapple tarts every day for a week. Then she packed them into boxes of 50 each. How many boxes of pineapple tarts were there?
 - (1) 5
 - (2) 25
 - (3) 35
 - (4) 350

13. A rectangular piece of paper is folded into fifths and partially shaded.



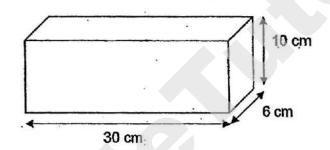
The same piece of paper is then folded into quarters and stripes drawn over some of the shaded area



Which one of the following shows the fraction of the piece of paper with stripes drawn over the shaded area?

- (1) $\frac{1}{4} \times \frac{3}{5}$
- (2) $\frac{3}{4} \times \frac{3}{5}$
- (3) $\frac{4}{12} \times \frac{3}{5}$
- (4) $\frac{4}{20} \times \frac{3}{5}$

- 14. Mrs Wong had 100 stickers. She distributed them equally among 5 groups of students in her class. Every student received 5 stickers. How many students were there in each group?
 - (1) 25
 - (2) 20
 - (3) 5
 - (4) 4
- 15. A water tank is $\frac{2}{5}$ filled with water. What is the amount of water needed to fill the tank completely?



- (1) 360
- (2) 720
- (3) 1080
- (4) 1800

End of Booklet A

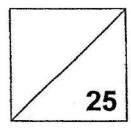


2018 PRIMARY 5 SEMESTRAL ASSESSMENT 1

Name :	() Date: <u>11 May 2018</u>
Class : Primary 5 ()	Time: 8.00 a.m 9.00 a.m.
Parent's Signature :		

Paper 1 comprises 2 booklets, A and B.

PAPER 1 (BOOKLET B)



INSTRUCTIONS TO CANDIDATE

- 1. Write your name, class and register number.
- 2. Do not turn over this page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- 5. Write your answers in this booklet.
- 6. You are not allowed to use a calculator.

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

		STATE STATE		
16.	1/Vrite	5 215	067	in words
	AAIIIC	ULTU	UUI	III VVIDECIS

A			
Ans:			

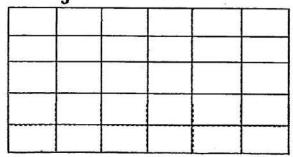
Ans:	
A115.	Service and the service of the servi

A toy shop has some toy cars as shown in the table.

Blue Toy Cars	Green Toy Cars	Red Toy Cars
200	160	240

Find the ratio of the number of blue toy cars to the number of green toy cars to the number of red toy cars. Express the ratio in its simplest form.

19. Shade $\frac{3}{5}$ of the rectangle.

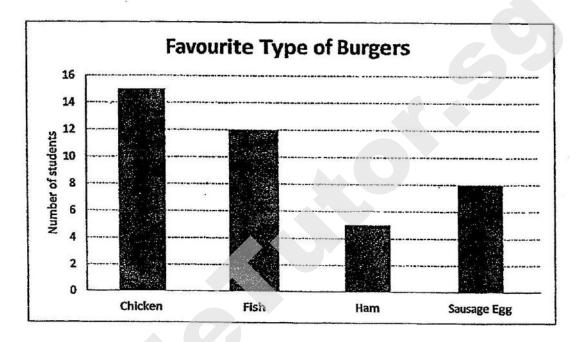


20. Mr Lim buys 1.3kg of flour.:He packs the flour into packets of 200g each. How much flour is left?

Ans: g

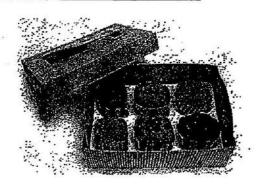
Questions 21 to 30 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

21. The graph shows the favourite type of burgers among students in a class. What fraction of the class considers fish burger as their favourite? Express your answer in its simplest form.



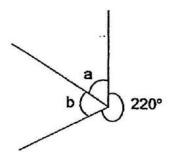
Ans:	

22. Mrs Tan had to pack 80 muffins into boxes.
She packed them in boxes of 6 muffins each.
What was the least number of boxes Mrs Tan
need to pack all the muffins?



Ans:			
	 1000		 •

23. In the figure below, not drawn to scale, $\angle a = \angle b$, Find $\angle a$.



233			
Ans:			0
/ W 10.	and the same of	A STATE OF THE STA	

24. Tom uses 3 ℓ of black paint to paint $\frac{2}{5}$ of a pole. How much more paint does Tom need if he wants to paint the whole pole?



Ans:	1	Į
		î

25. Use all of the following digits to form the smallest odd number that is divisible by 6.

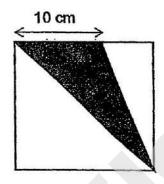
0, 6, 9, 2, 1

Ans: _____

26. Peter sold $\frac{3}{4}$ of his oranges and threw away $\frac{2}{5}$ of the remainder. He had 36 oranges left. How many oranges did Peter have at first?

Ans:			
A113.	 		

 The figure shows a 14-cm square. Find the area of the unshaded part of the square.



	•
Ans:	cm ²
, u.s.	CITI

28. Amy listed the number 2 to 29. How many times does the digit '2' appear?

2, 3, 4, ..., 27, 28, 29

Ana		
Ans:	 	

A shop opens for the time shown in the table.

Openi		
Openi	na r	ours

9.00 a.m. to 12.30 p.m.

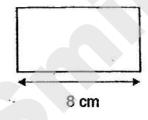
2.00 p.m. to 4.00 p.m.

6.45 p.m. to 9.30 p.m.

How many hours and minutes is the shop open each day?

Ans:	h	min
WI12.	11	min

30. The ratio of the breadth of a rectangle to its perimeter is 1: 6. The length of the rectangle is 8 cm. Find the area of the rectangle.



Ans:	cm ²

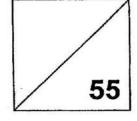
End of Booklet B End of Paper 1



2018 PRIMARY 5 SEMESTRAL ASSESSMENT 1

Name:			() Da	te: 11 May 2018
Class: Primary 5 ()	s e ⁿ	Tin	ne: <u>10.30a.m. – 12 noon</u>
Parent's Signature : _				w.

MATHEMATICS PAPER 2



INSTRUCTIONS TO CANDIDATE

- 1. Write your name, class and register number.
- 2. Do not turn over this page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- 5. Show your working clearly as marks are awarded for correct working.
- 6. You are allowed to use a calculator.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

Arrange the following numbers in ascending order.

2.078, 2.87, 2.087, 2.78

b. Which one of the fractions is the greatest?

 $\frac{1}{2}$, $\frac{3}{4}$, $\frac{2}{5}$

Ans: a)				
		53//		
b)			0	

2. A fruit seller bought 1512 apples and packed them into boxes of 63. He sold each box at \$19. How much would he collect if he sold all the apples?

Ans: \$_____

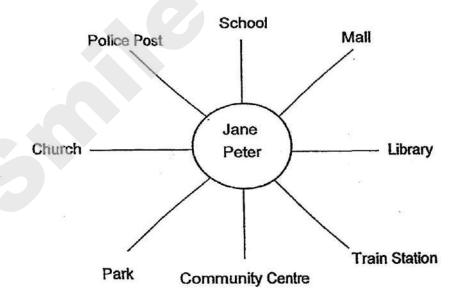
3. Find all the common factors of 12 and 18.

Ans: _____

4. A school with 74 classes aims to collect 2000 kg of empty cans in a year. Every class collects the same mass of empty cans. What is the mass of the empty cans to be collected by each class in a month? Express your answer as a decimal rounded off to 2 decimal places.

Ans:	kg

- 5a. Jane is facing the school. Where will she be facing if she turns 225° clockwise?
- b. Peter is facing the library after making a $\frac{1}{4}$ -turn anticlockwise. What was he facing at first?



Ans:	a)	 	
Ans:	a)	 	

For questions 6 to 17, show your working clearly in the space provided for each question and write your answers in the spaces provided.

The number of marks available is shown in brackets [] at the end of each question or part-question.

(45 marks)

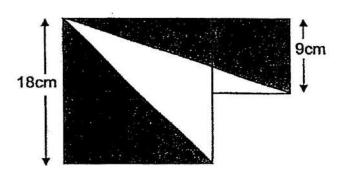
6. At a gathering, there were an equal number of boys and girls. Then, 24 girls left and 15 boys joined the group. At the end of the gathering, there were four times as many boys as girls. How many girls were there at first?

Ans: _____[3

7. Samantha has 14.4 kg of flour. She uses $\frac{1}{2}$ of it to make 20 cakes. With the remaining flour, she made 15 tarts. How much more flour is needed to bake a tart than a cake?

Ans: _____[3]

8. The figure below is made up of two squares. Find the shaded area.



Ans:		[3]
MIS.		131
	-	 _ [_]

9. The ratio of Nura's age to Amy's age is 5:4. Three years ago, Nura was 12 years old. Find the ratio of Nura's age to Amy's age in 8 years' time.

Ans: _	[3	
/ HIO	ı,	٠,

10.	A total of 168 sweets and chocolates were packed equally into 14 bags. There were 6 more sweets than chocolates in each bag. How many chocolates were there?
(.5)	
	Ans:[3]
11.	Ans:[3] The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many fifty-cent coins and twenty-cent coins are there altogether?
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many
11.	The ratio of the number of twenty-cent coins to the number of fifty-cent coins in a box is 5 : 2. The total amount of money in the box is \$10. How many

 The table shows the flight schedule for 3 different airlines from Singapore to Hong Kong.

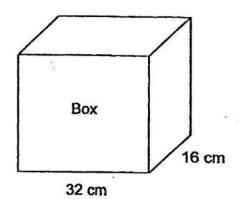
Flight Information	Departure Time (Singapore)	Weekly Schedule
SA 388 Ringa Air	7.55 p.m.	Saturday, Sunday, Monday, Friday
GA 587 Getstar Air	3.40 p.m.	Saturday, Tuesday, Wednesday, Friday
ZA 912 Zoot Air	4.55 p.m.	Sunday, Monday, Thursday, Friday

- a. Mr Pang wanted to buy the cheapest air ticket. The cheapest air ticket offered by all airlines was for travel from Monday to Thursday.
 - (i) Which flight would give Mr Pang more options if he could only travel on Monday, Tuesday or Thursday?
 - (ii) How many options were there?

b. It takes 3 h 55 min to travel from Singapore to Hong Kong. Which airline should Mdm Goh take in order to reach Hong Kong at 19 35?

Ans: a) (i)	[1]

13. 256 cubes of side 4cm are needed to fill the box completely. What is the height of the box?



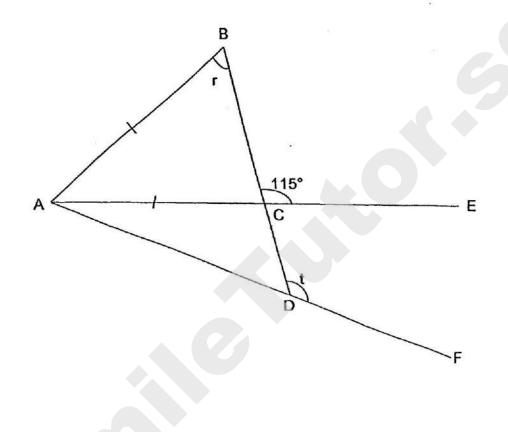


Ans:	[4]
	 1-1

ACE and ADF are straight lines. ABC is an isosceles triangle. ∠BCE = 115° 14. ∠BAC is twice ∠CAD.

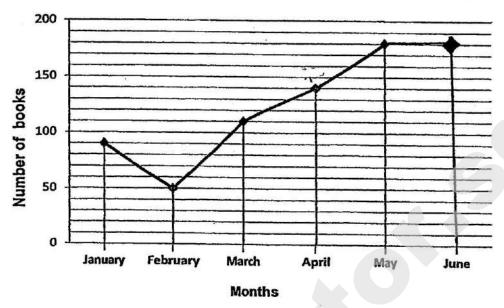
Find

- (a) ∠r (b) ∠t.



Ans:
$$\angle r = ___[1]$$

15. The graph below shows the number of books sold each month by Hassim.



- (a) In which month was the least number of books sold?
- (b) In June, Hassim sold twice as many books as in January. Complete the line graph. [1]
- (c) Hassim made a profit of \$2 per book sold. How much more did he make in May than in February and March?

Ans: (a)	[1]
(c)	[2]

16. Kelly had some pencils to sell. On the 1st day, she sold 33 pencils. On the 2nd day, she sold ¹/₅ of the remaining pencils. The total number of pencils sold on the first two days was thrice that of the number of pencils left. How many pencils did she have at the beginning?

Ans:	[5]
	 r . 7

- 17. At a birthday party, every girl was given 4 cupcakes while every boy was given 6 cupcakes. There were twice as many girls as boys at the party. A total of 700 cupcakes were given out.
 - (a) How many girls were at the party?
 - (b) An adult was present for every 10 children at the party. How many adults were there at the party?

Ans: (a)	[3]
(b)	[2]

End of Paper 2

SCHOOL: TAO NAN PRIMARY SCHOOL LEVEL: PRIMARY 5

LEVEL :

SUBJECT:

MATH

TERM :

2018 SA1

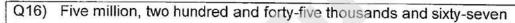
CONTACT:

PAPER 1 BOOKLET A

Q-1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	. 09	Q10
_ 4	2	3	4	3	3	1	2	2	2

Q 11	Q12	Q13	Q14	Q15
2	1	3	4	3

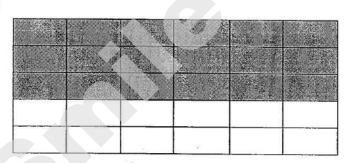
PAPER 1 BOOKLET B



Q17) 302 000

Q18) 5:4:6

Q19)



Q21) 3/10

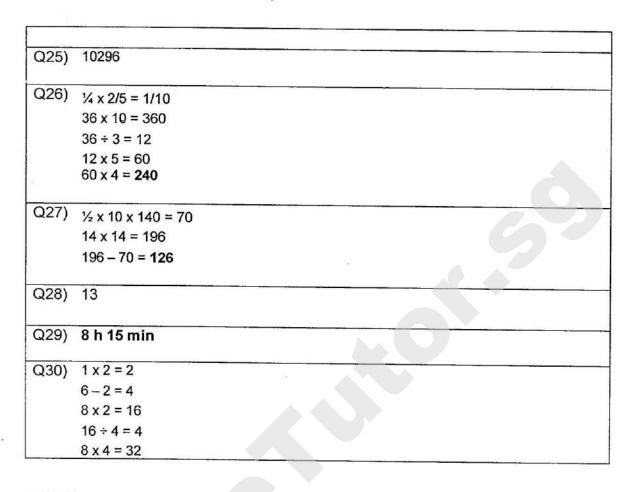
13 + 1 = 14

Q23) 360 – 220 = 140

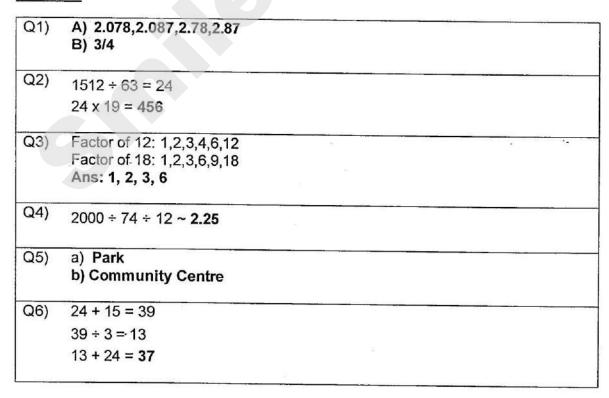
 $140 \div 2 = 70$

Q24) 3 ÷ 2 = 1.5

 $1.5 \times 3 = 4.5$



PAPER 2



```
Q7)
         14.4 \div 2 = 7.2
         7.2 \div 20 = 0.36
         7.2 \div 15 = 0.48
         0.48 - 0.36 = 0.12
                      =3/25 \text{ kg}
 Q8)
         ½ x 18 x 18 = 162
         \frac{1}{2} x 9 x 27 = 121.5
         162 + 121.5 = 283.5 \text{ cm}^2
 Q9)
         12 + 3 = 15
         15 \div 5 = 3
         4 \times 3 = 12
         15 + 8 = 23
         12 + 8 = 20
         Ans: 23:20
Q10) 6 \times 14 = 84
         168 - 84 = 84
         84 \div 14 = 6
         6 \div 2 = 3
         3 \times 14 = 42
Q11) 5 \times 20 = 100
        2 \times 50 = 100
         100 + 100 = 200
         1000 ÷ 200 = 5
        5 \times 2 = 10
        5 \times 5 = 10
        25 + 10 = 35
Q12) 1) 2A 912 Zoot Air
        II) 2
        III) GA 587 Getstar Air
Q13) 32 \div 4 = 8
        16 \div 4 = 4
        8 \times 4 = 32
        256 \div 32 = 8
        8 \times 4 = 32
```

Q14) Angle r --> 180 - 115 = 65

 $65 \times 2 = 130$

Angle BAC ---> 180 - 130 = 50

Angle CAD \implies 50 ÷ 2 = 25

Angle t -> 25 + 115 = 140

Q15) A) February

B) {Draw until the same point as in May}

C) $180 \times 2 = 360$

50 + 110 = 160

 $160 \times 2 = 320$

360 - 320 = 40

Q16) 12-1=11

 $33 \div 11 = 3$

12 + 4 = 16

 $16 \times 3 = 48$

Q17) A) $4 \times 2 = 8$

8 + 6 = 14

 $700 \div 14 = 50$

 $50 \times 2 = 100$

B) 100 + 50 = 150

 $150 \div 10 = 15$

Angla-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2018)

PRIMARY 5

MATHEMATICS

PAPER 1

Booklet A

Monday	29 October 2018	1h	
Name:	()	Class: 5.()

INSTRUCTIONS TO PUPILS

- Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 Answer ALL questions.
- 4 Shade your answers in the Optical Answer Sheet (OAS) provided.
- You are <u>not</u> allowed to use a calculator for this paper.

This question paper consists of 8 printed pages (inclusive of cover page).

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

- 1. How many thousands are there in 3100 000?
 - (1) 31
 - (2) 310
 - (3) 3100
 - (4) 31000
- 2. What is the sum of the 1st and 2nd multiples of 8?
 - (1) 16
 - (2) 24
 - (3) 32
 - (4) 40
- 3. Which one of the following fractions is smaller than $\frac{1}{2}$?
 - (1) $\frac{6}{11}$
 - (2) $\frac{7}{13}$
 - (3) $\frac{9}{19}$
 - (4) $\frac{11}{20}$

- 4. How many fifths are there in $3\frac{6}{10}$?
 - (1) 6
 - (2) 18
 - (3) 21
 - (4) 36
- 5. A number when rounded to the nearest tenth is 5.0. Which of the following is the number?
 - (1) 4.898
 - (2) 4.945
 - (3) 5.046
 - (4) 5.196
- 6. 0.600 × 800 = 0.300 × 100 ×

What is the missing number in the box?

- (1) 2
- (2) 6
- (3) 8
- (4) 16

7. The table shows the water consumption by the Quah's family from August to December. What is their average water consumption from August to December?

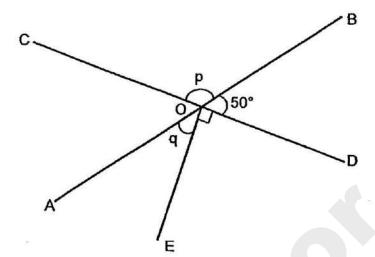
Month	August	September	October	November	December
Amount of water used (m³)	13.0	9.6	10.2	8.0	9.2

- (1) 9.5 m³
- (2) 10.0 m³
- (3) 12.0 m³
- (4) 60.0 m³
- 8. Arrange these units of measurement from the longest to the shortest:

	/ 1997 (1993) 1994 (1994) 1994 (1994)	
685 cm,	0.685 km,	68.5 m

	Longest				Shortest
(1)	0.685 km	,	685 cm		68.5 m
(2)	0.685 km		68.5 m	,	685 cm
(3)	68.5 m	,	0.685 km		685 cm
(4)	68.5 m	,	685 cm	4	0.685 km

9. AOB, COD and EO are straight lines. What is the sum of ∠p and ∠q?



- (1) 130°
- (2) 140°
- (3) 170°
- (4) 220°
- 10. Express 0.12 as a percentage.
 - (1) $\frac{12}{100}$ %
 - (2) $\frac{3}{25}$ %
 - (3) 1.2 %
 - (4) 12 %

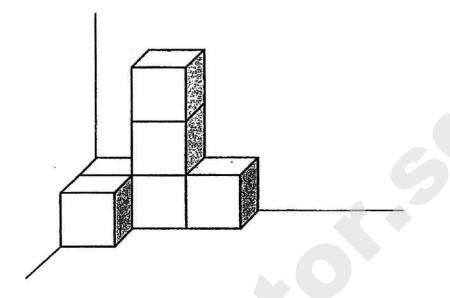
- 11. Ms Lee has a 400 stickers in three colour yellow, orange and blue. $\frac{3}{10}$ of the stickers are yellow, $\frac{1}{4}$ of the stickers are orange and the rest are blue. How many blue stickers did Ms Lee have ?
 - (1) 100
 - (2) 120
 - (3) 160
 - (4) 180
- 12. A telecommunications company charges the following rates for talk time.

The first minute	\$0.20	
For every additional 20s or part thereof.	\$0.05	

What will be the charge for a call that lasts for 4 minutes 10 seconds?

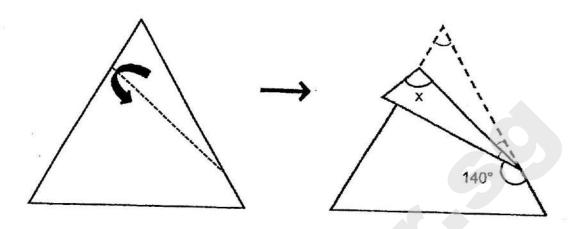
- (1) \$0.70
- (2) \$0.65
- (3) \$0.50
- (4) \$0.40

13. The solid below is made up of 1-cm cubes. How many more 1-cm cubes must be added to make the solid into a 3-cm cube?



- (1) 6
- (2) 9
- (3) 21
- (4) 27
- 14. The sum of two numbers is 43.2. The larger number is 8 times the smaller number. What is the larger number?
 - (1) 25.6
 - (2) 35.2
 - (3) 37.8
 - (4) 38.4

 Kenny had a piece of paper in the shape of an equilateral triangle. He folded it along the dotted line as shown below. Find ∠x.



- (1) 80°
- (2) 100°
- (3) 120°
- (4) 140°

End of Booklet A

Angla-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2018)

PRIMARY 5

MATHEMATICS

PAPER 1

Booklet B

Monday	29 October 2018	1h
Name:	Class:	5.()

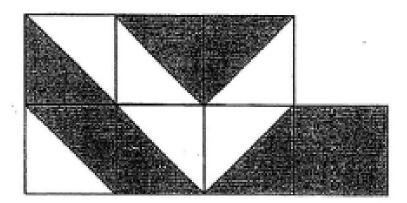
INSTRUCTIONS TO PUPILS

- Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 Answer ALL questions.
- You are <u>not</u> allowed to use a calculator for this paper.

This question paper consists of 8 printed pages (inclusive of cover page).

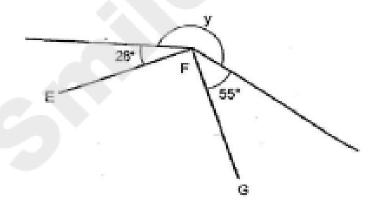
	(5 marks)
5.	Find the value of 200 ÷ 8 x (6 - 3) + 5.
53	
	Ans:
	Express $\frac{2}{7}$ as a decimal. Correct your answer to 2 decimal places.
	Ans:
	A movie started at 10.50 a.m. and ended at 1.25 p.m. How long did the movie last? Give your answer in h and min
	Ans:h min

 Find the ratio of the number of shaded parts to unshaded parts in the figure below.



Ans:	

In the diagram below, EF is perpendicular to FG. Find ∠y.

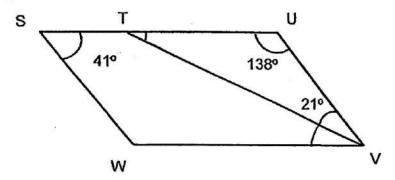


Ans:	

B3 Sub-Total :

answe	Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.				
			(20 marks)		
21.	Andrew wants to buy a camera which co \$90 each month, in how many months	osts \$1040. He has \$ will he be able to buy	50 now. If he saves the camera?		
-242		1			
		A			
		Ans:			
22.	Madam Tan had 10 kg of rice. After	packing the rice equ	ally into 8 identical		
	containers, she had 800 g of rice left. Find the mass of the rice in each contain				
	Leave your answer in kilograms.				
	a te				
			3		
		Ans:	kg		
					
	84	Sub-T	otal:		

23. Figure SUVW (not drawn to scale) shown below is a quadrilateral. SU is parallel to WV.



Each statement below is either true, false or not possible to tell from the information given above. For each statement, put one tick (\checkmark) in the correct column.

17	Statement	True	False	Not possible to tell
(a)	TUV is an isosceles triangle			
(b)	SUVW is a parallelogram			

24. A pair of sneakers cost \$120. Eddie bought the pair of sneakers at a 20% discount. How much did he pay for the pair of sneakers?

B5

0%	Storew	ride SAL	E
(

	Г	
Sub-Tota	2 1	

25. The table below shows the number of candies Mike and Ramli have.

	Sour	Frizzy	Total
Mike	18	6	
Ramli		19	36

- (a) Complete the table above. [1]
- (b) What percentage of Mike's candies are Sour flavoured?

Ans: (b)	[1

26. Mrs Lim had $\frac{3}{4}$ kg of sugar. She used $\frac{1}{8}$ kg of it to make some cupcakes and $\frac{3}{10}$ of the remaining sugar to bake some muffins. How many kilograms of sugar did she use to make the muffins?

Ans:	ka
/ WIO.	Nu

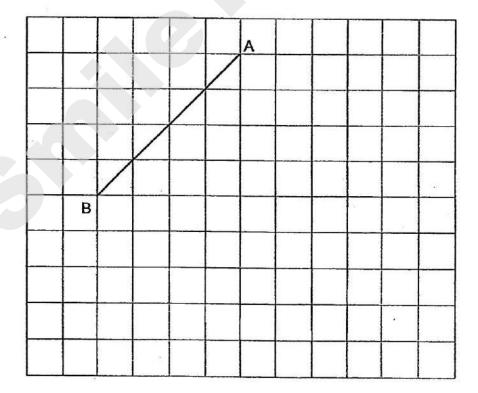
B6

Sub-Total:

27.	The mass of a box and s	some apples is 460 g.	The mass of the same box with
			of all the oranges is 3 times the
	mass of all the apples, fin	nd the mass of the box.	Leave your answer in grams

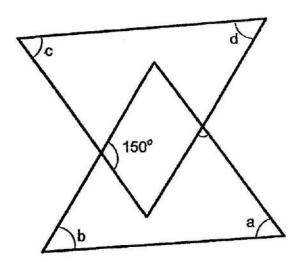
_	
Ans:	g

28. In the grid below, complete the square ABCD with the given line AB.



B7	Sub-Total:	
	7	

29. In the figure below, find the sum of $\angle a$, $\angle b$, $\angle c$ and $\angle d$.



A	0
Ans:	•
Contract States	

30. Tap A can fill a 600¢ tank with water in 2 hours. Tap B can fill the same tank with water in 3 hours. Both taps are turned on at the same time to fill up the tank. What fraction of the tank is filled up when both taps are turned on for 1 hour?

Ans:			

End of Booklet B

B8

Sub-Total :

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2018) PRIMARY 5 MATHEMATICS PAPER 2

Monday		2	9 October 20	18	1 h 30 min
Name:	()	Class: 5.()	Parent's Signature:

INSTRUCTIONS TO PUPILS

- Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 Answer ALL questions.
- 4 You can use a calculator for this paper.

Paper	Booklet	Possible Marks	Marks Obtained
1	Α	20	
•	В	25	
2		55	
T	otal	100	

This question paper consists of 14 printed pages (inclusive of cover page).

									(1	0 ma
4	6	9	5	0				*		
Using ea	ach digi	t only o	nce, for	m the sr	nalles	t five - d	iait nu	ımberv	which i	san
of 5.							•			o a n
•							Ans	:		_
							Ans	»:		
Mrs Wor	ng had	some	rlbbon.	She u	sed 1	of it to			ent an	d 1
remainin	g ribbo	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
Mrs Wor remainin length or centimet	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	tie a	a prese	+ 1A/L	~ •
remainin length o	g ribbo f ribbor	n to dec	corate a	box.	She h	ad 3 m	o tie a of rib your	a prese	+ 1A/L	~ •

3.	William earned \$0.20 for every earned an additional of \$3. How	book he sold. For much would he re	r every 30 books he sold, he eceive for selling 360 books?
97		¥	
			Ans: \$
4.	The ratio of the price of an erase each highlighter costs \$0.80 mo	er to the price of a l re than an eraser, f	nighlighter is 3 : 7. Given that ind the cost of the highlighter.
			9
			A 6
			Ans: \$

140 contestants took part in a game. Each contestant must obtain at least a 5. certain score in the first round to qualify for the second round. The table below shows the number of contestants for each score.

Score	Number of contestants
0	11
1	15
2	16
3	27
4	42
5 or more	29

30% of the contestants did not qualify for the second round. From the table, what is the lowest score of a contestant who qualified for the second round?

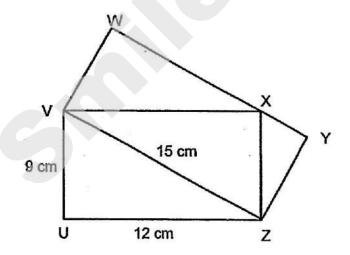
	_	***
4	Sub-Total:	

For questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (45 marks)

6.	Aloysius had twice as much money as Rebecca. A	loysius gave some money to
	Rebecca and they each had \$1050 in the end. Ho	w much money did Aloysius
	have at first?	

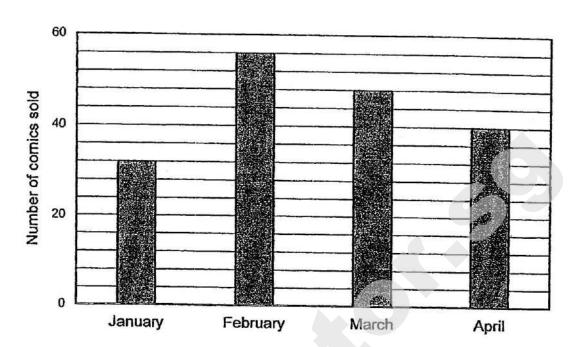
Ans:	[3]
MI13	 [3

 In the figure below, UVXZ and VWYZ are rectangles. VU = 9 cm, UZ = 12 cm and VZ = 15 cm. Find the length of YZ.



Ans:	[3]
Sub-Total:	

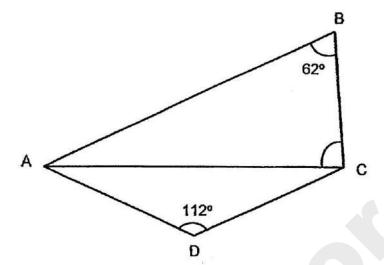
The graph shows the number of comics sold by a shop from January to April.



- (a) How many comics did the shop sell in January?
- (b) How many comics must the shop sell in the month May so that the average for January to May will be 48?

	Ans: (a)	[1]
	(b)	[2]
6.	Sub-Total :	

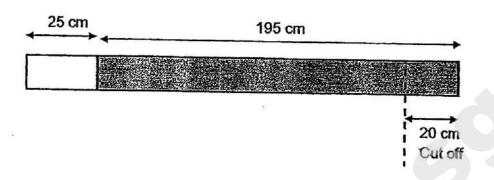
 In the figure below, ABCD is a trapezium. AB is parallel to CD. ACD is an isosceles triangle and AD = DC. ∠ABC = 62° and ∠ADC = 112°. Find ∠ACB.



Ans:_____[3]

Sub-Total :

10. Shawn had a piece of wooden plank. He painted 195 cm of it grey and 25 cm of it white as shown below. 20 cm of the wooden plank painted grey was cut off. What percentage of the remaining wooden plank was painted white?

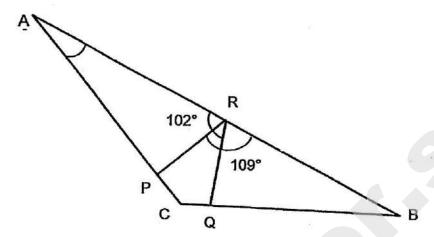


Ans:	[3]
AIIS.	1.31

 Mrs Lee used \$71 to pay for 4 identical plates and 7 identical cups. Each cup cost \$1.50 more than each plate. Find the cost of one cup.

	Ans:	[3]
8	Sub-Total :	

12. In the figure below, ABC is a triangle. P, Q and R are points on the triangle such that AP = AR and BQ = BR. ∠ARQ = 102° and ∠BRP = 109°.

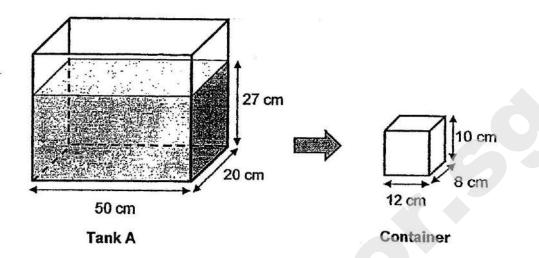


- (a) Find ∠PRQ.
- (b) Find ∠PAR.

Ans:	(a)	[1
Ans:	(a)	[

9 Sub-Total:

At first, Tank A, with a rectangular base measures 50 cm by 20 cm, is filled with 13. some water. The height of water in the tank is 27 cm. 9 litres of water is then poured into Tank A so that the tank is fully filled.



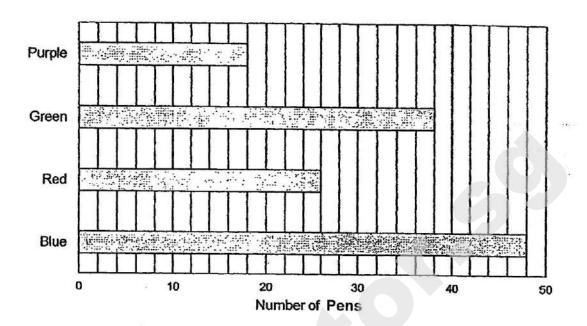
- What is the volume of water in the tank in the end? (a)
- After that, all the water in the fully-filled Tank A is poured into some (b) rectangular container to the brim without spilling. Each container measures 12 cm by 8 cm by 10 cm. What is the greatest number of containers that can be filled completely with water?

Ans: (a)	[2]

- 14. Muthu, Nancy and Peter shared some money. Muthu took $\frac{3}{8}$ of the money. Nancy and Peter shared the remaining amount of money equally.
 - a) Find the ratio of the amount of money Muthu had to the amount of money Peter had.
 - b) Nancy spent $\frac{2}{5}$ of her money on a bag and Peter spent some money on a wallet. In the end, Nancy had twice as much money as Peter. What fraction of Peter's money was spent on the wallet?

	Ans: (a)	[2]
	(b)	[2]
1	Sub-Total:	

15. The bar graph below shows the number of coloured pens in a box.



- (a) What percentage of the pens was red?
- (b) All the pens were given to 38 pupils in the class. Each pupil in the class received three or four pens. How many pupils received four pens?

Ans: (a)	[2]
(b)	[2]

12 Sub-Total:

- Ryan and Sean each borrowed an identical book from a library. On the first day, Ryan read $\frac{1}{3}$ of the book and an additional 30 pages. On the second day, he read $\frac{1}{4}$ of the remaining book and had 84 pages of the book left.
 - (a) How many pages were there in the book altogether?
 - (b) Sean read 13 pages on the first day. He took the next 5 days to complete reading the book. If he read the same number of pages in these 5 days, how many pages did he read on each day?

13

Ans: (a)	[3]
(b)	[2]
38 <u>9</u> 22	
Sub-Total:	

17,	Ryan and Andy have some carnival tickets. If Ryan sells 10 tickets per day and Andy sells 5 tickets per day, Ryan will have 40 tickets left when Andy has sold all his tickets. If Ryan sells 5 tickets per day and Andy sells 10 tickets per day, Ryan will have 70 tickets left when Andy has sold all his tickets.				
	(a)	How many tickets does Ryan have?			
	(b)	Each ticket cost \$12. If Ryan and Andy manage to sell all their tickets, how much more did Ryan collect than Andy?			
•					
		Ans: (a) [3]			
		(b)[2]			
		End of Paper 2			
		14 Sub-Total :			

SCHOOL :

ACS PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA2

CONTACT:

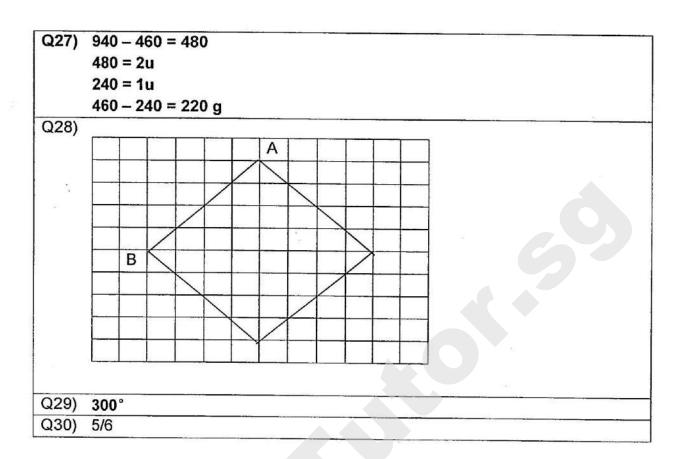
PAPER 1 BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	09	010
3	2	3	2	3	4	2	2	3	4

Q 11	Q12	Q13	Q14	Q15
4	1	3	4	2

PAPER 1 BOOKLET B

Q16)	80
Q17)	0.29
Q18)	2 h 35 min
Q19)	4:3
Q20)	90 + 55 = 145
	145 + 28 = 173
	360 - 173 = 187°
Q21)	1040 - 50 = 990
	$990 \div 90 = 11$
Q22)	10kg→10000g
-	10000 - 800 = 9200
1	9200 ÷ 8 = 1150
	1150g = 1kg 150 g = 1.150kg
Q23)	a)True
	b)False
Q24)	120→100%
	12→10%
}	24→20%
	120 - 24 = \$96
Q25)	a)Mile = 24
	Ramli – 17
	b)75%
Q26)	0.1875.5 kg



PAPER 2

Q1)	40696	
Q2)	5 units→3m	
	$1u \rightarrow 3 \div 5 = 3/5$	
	$9u = 3/5 \times 9 = 52/5m$	
	= 5m 40cm	
Q3)	0.20 x 10 = \$2	
	$2 \times 3 = 6$	
	3 + 6 = 9	
	306 = \$9	
	$360 \div 30 = 12$	
	$12 \times 9 = 108	
Q4)	\$0.80 →4u	
	\$0.20→1u	
	$0.20 \times 7 = \$1.40$	
Q5)	11 + 15 + 16 + 27 + 42 + 29 = 140	
	140 = 100%	
	$14 \times 3 = 42$	
	11 + 15 + 16 = 42	
	ANS:3	
Q6)	1050 x 2 = 2100	
	2100→3u	
	$1u \rightarrow 2100 \div 3 = 700$	
	$700 \times 2 = 1400	

Q7)	7.2cm		- we see	-	N	
Q8)	a)32					
	b)48 x 5 =	240				
		+ 48 + 40 =176	5			
	240 – 17	6 = 64				
Q9)	180 - 112	= 68				
. S	68 ÷2 = 3	4		(4 _,		
	112 + 34 =	146		•	#1 9	
	180 - 146	= 34				
	34 + 62 = 9	96			the to the	
	180 - 96 =	84°				
Q10)	195 + 25 =	220				
-	220 - 20 =	200			7111 7	
	$25 \div 2 = 12$	2.50%				
Q11)	1.50 x 7 =	10.50	707 F = 1000 F = 1000 F		•	
	71 – 10.5 =	= 60.5				
	4+7 =110	ı				
	60.5 =11u					
	60.5÷11 =	5.5				
	1u = 5.5					
	5.5 + 1.5 =	\$7				
Q12)	a)∠ARP =	180 - 109 = 7	11			7. 34 - 110 - 120 - 40 - 1
	∠ PRQ =	102 - 71 = 31	0			
	b)∠PAR =	= 180 - 71 - 7	1 = 38°			
Q13)	a)50 x 20 x	27 = 27000				
	27000ml	→27L				
	27 + 9 =	36L				
	b)12 x 8 x	10 = 960ml				
	36000ml	÷960 ml = 3	7.5			E
	= 37					es
Q14)	a)6:5				*	
	b)7/10					1224
Q15)		26 + 48 = 13	0			
	130→100 13→10%					
	13 x 2 =					
	ANS: 20					3
	b)					
	4pens	4p total	3pen	3p total	total	√ <i>I</i> x
	27	108	11	33	141	х
	25	100	13	39	139	x
	20 16	80 64	18	54	134	x
	. 10	64	22	66	130	√ .

ANS: 16 84 -> 3/4 Q16) $\frac{1}{4} \rightarrow 28 \times 4 = 112$ 112 + 30 = 142142 = 2/31/3 = 71 $71 \times 3 = 213$ 213 - 13 = 200 $200 \div 5 = 40$ a)213 b)40 Q17) 3u→30 1u→10 Ryan \rightarrow 10 + 70 = 80 80 - 20 = 6060 x 20 = \$720 a)80 b)\$720

Name :	 ()
Class:		

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 5 Mathematics 2018 Semestral Assessment Two

Paper 1

Booklet A

23 October 2018

15 questions 20 marks

Total time for booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Shade your answers in the optical answer sheet (OAS) provided.
The use of calculators is **NOT** allowed.

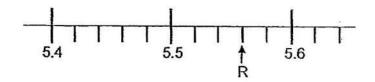
This booklet consists of 9 printed pages.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3, 4) on the Optical Answer Sheet (OAS).

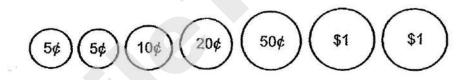
(20 marks)

- 1. Which one of the following numbers has the digit 2 in the hundred thousands place?
 - (1) 2 430 587
 - (2) 2 340 587
 - (3) 3 240 587
 - (4) 3 420 587
- 2. In $\frac{1}{12} + \frac{2}{12} + \frac{7}{12} = \boxed{?}$ x $\frac{1}{12}$, what is the missing number in the box?
 - (1) 9
 - (2) 10
 - (3) 29
 - (4) 30

3. Part of a scale is shown below. What is the value of the reading at R?



- (1) 5.503
- (2) 5.506
- (3) 5.53
- (4) 5.56
- 4. Georginia had only the following 7 coins in her pouch.



She took 4 coins from her pouch and dropped them into a donation tin. Which one of the following could not be her total donation?

- (1) \$0.70
- (2) \$1.75
- (3) \$2.10
- (4) \$2.65

5. Which one of the following has the same value as 6%?



- (2) $\frac{6}{20}$
- (3) $\frac{3}{50}$
- (4) $\frac{3}{5}$
- 6. The sides of a triangle are in the ratio 3:2:5. The longest side is 90 cm. What is the length of the shortest side?
 - (1) 18 cm
 - (2) 36 cm
 - (3) 45 cm
 - (4) 225 cm

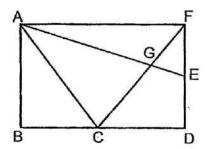
Use the table below to answer questions 7 and 8.

The table shows the number of sit-ups a group of boys did during a fitness test. Osman's record had been left out.

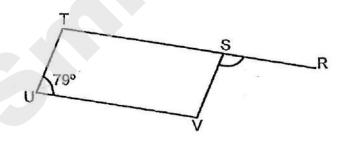
Name	Number of sit-ups
Muthu	25
Naszri	19
Osman	?
Peng Wei	24
Quah	13

- 7. The five boys did an average of 22 sif-ups. How many sit-ups did Osman do?
 - (1) 110
 - (2) 81
 - (3) 29
 - (4) 7
- 8. Who did 6 fewer sit-ups than Naszri?
 - (1) Quah
 - (2) Muthu
 - (3) Osman
 - (4) Peng Wei

9. The figure below shows a rectangle ABDF. Which one of the following pairs of triangles has the same height?



- (1) Triangle ABC and Triangle EFG
- (2) Triangle AEF and Triangle CAG
- (3) Triangle CAB and Triangle AGF
- (4) Triangle CAF and Triangle CDF
- 10. The figure below shows a parallelogram SVUT. TSR is a straight line. Find ∠VSR.



- $(1) 79^{\circ}$
- (2) 101°
- (3) 158°-
- (4) 281°

11. Irfan took out $\frac{3}{8}$ of his money from his wallet.

He used only $\frac{1}{6}$ of what was taken out from his wallet to buy a windbreaker. What fraction of the money taken out from his wallet did Irfan use to buy the windbreaker?

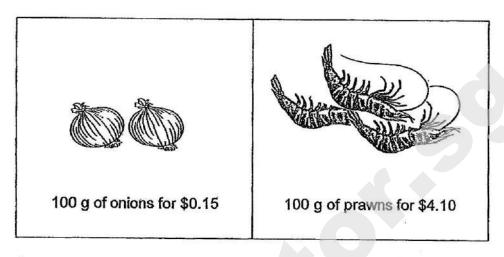
- (1) $\frac{1}{16}$
- (2) $\frac{5}{24}$
- $(3) \frac{11}{24}$
- (4) $\frac{25}{48}$
- 12. In Happyworkz Factory, there are 308 workers. 25% of them are Singaporeans. Among the Singaporean workers, 29 of them are married. The rest are not married. How many of the Singaporean workers are not married?
 - (1) 202
 - (2) 106
 - (3) 77
 - (4) 48

13. The table below shows the ticket prices to a puppet show.
Mrs Lek and Mrs Ding took 8 children to the puppet show.
How much less did the 2 adults pay for their tickets than for the 8 children's tickets?

Type of ticket	Price per ticket
Per child	\$20
Per adult	\$32

- (1) \$44
- (2) \$72
- (3) \$96
- (4) \$224
- 14. Mrs Thiresh prepared 1 ℓ of orange juice. She spilled $\frac{1}{10}$ ℓ of the orange juice. She poured $\frac{2}{3}$ of the remaining orange juice into a flask containing $\frac{4}{5}$ ℓ of the same juice. How much orange juice was there in the flask in the end?
 - (1) $1\frac{1}{10}\ell$
 - (2) $1\frac{1}{30}\ell$
 - (3) $1\frac{2}{5}\ell$
 - (4) $1\frac{11}{30}$ ℓ

Rhys went to the market to buy onions and prawns.
 The prices are shown in the table below.



Rhys bought 0.4 kg of onions. The mass of prawns that she bought was 300 g more than that of the onions. She paid the cashier \$50. How much change did she receive?

- (1) \$12.90
- (2) \$20.70
- (3) \$29.30
- (4) \$37.10

End of Booklet A

Name:)
V1200			•
Class:			

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 5 Mathematics

2018 Semestral Assessment Two

Paper 1

Booklet B

23 October 2018

Booklet A	20
Booklet B	25
Total (Paper 1)	45

Total time for booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet

The use of calculators is **NOT** allowed.

This booklet consists of 10 printed pages.

Questions 16 to 20 carry 1 mark each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

Do not write in this space

16. Subtract 72 from 1 000 000.

Ans:

17. What is the value of $83 - 4 \times (9 + 18 \div 9)$?

Ans : _____

18. In $1.5 \div$? = 0.015, what is the missing number in the box?

Ans:

19. F	Look at the models below. What is the ratio of P to Q to the total of P and Q?	Do not write in this space
C		
	Ans:	
20.	A machine prints 35 brochures in 10 seconds. At this rate, how many brochures does the machine print in 1 minute?	
20		

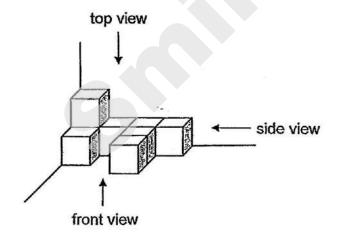
Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

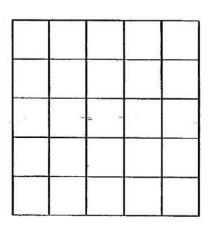
Do not write in this space

21. Yi Meen has 11 files and Shi Ni has 9 files. How many files will Yi Meen have to give Shi Ni so that Shi Ni has $\frac{7}{10}$ of the total number of files?

Ans:____

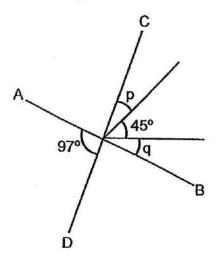
22. The solid figure below is made up of identical cubes. Draw the top view of the solid figure in the square grid provided.





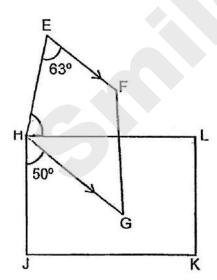
23. In the figure below, both AB and CD are straight lines. $\angle p = \angle q$. Find $\angle p$.

Do not write in this space



Ans:

24. The figure below shows a rectangle HJKL and a trapezium EFGH. Find ∠EHL.



Ans : ______

25.	A cubical container of edge 20 cm was	3	filled with water.
-----	---------------------------------------	---	--------------------

Do not write in this space

How much more water was needed to fill the cubical container to its brim?

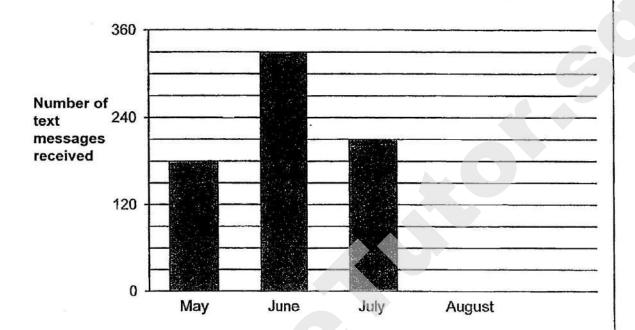
ms:____m

26. Peggy and her three sisters shared the cost of a gift for their mother equally. Peggy made a mistake and divided the cost of the gift by 3 instead. Each of them ended up paying \$8.90 more than her share. What should be the actual cost of the gift?

Ans:\$____

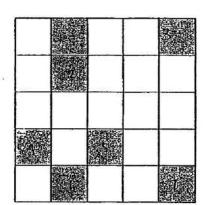
27. The graph below shows the number of text messages Delphi received on Do not write her mobile phone per month from May to July. The number of text messages she received in August was equal to the average number of text messages she received from May to July. Draw the bar for August in the graph.

in this space



28. The figure below is made up of squares of the same size. How many more squares must be shaded so that 64% of the figure is unshaded?

Do not write in this space



Ans : _____

29. A school hall has chairs of three different colours. $\frac{4}{9}$ of the chairs are yellow.

Do not write in this space

The number of blue chairs is $\frac{1}{2}$ of the total number of blue and grey chairs. There are 150 more yellow chairs than blue chairs. How many chairs are there in the school hall altogether?

30. Azalea had some money at first. She spent \$71 on some plates and bowls.
A plate cost \$7 and a bowl cost \$2. She bought 5 more plates than bowls.

Do not write in this space

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (\checkmark) in the correct column.

Statement	True	False	Not possible to tell
Azalea had no money left after spending \$71 on some plates and bowls.			
Azalea bought 15 plates and bowls altogether.			

End of Booklet B

Name :	 ()
Class :		1040

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 5 Mathematics 2018 Semestral Assessment Two

Paper 2

23 October 2018

Paper 1	45
Paper 2	55
Total Marks	100

Parent's/Guardian's Signature

Time: 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Write your answers in this booklet
The use of an approved calculator is expected, where appropriate.

This booklet consists of 16 printed pages.

Questions 1 to 5 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

Do not write in this space

1. Oretta cycled $2\frac{1}{8}$ km on Thursday. She cycled $1\frac{9}{10}$ km on Saturday.

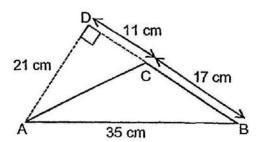
What was the total distance Oretta cycled in the two days? Leave your answer correct to 2 decimal places.

Ans: km

2. Meng saved \$47 000 in a bank. The bank paid 5% interest at the end of each year. He did not withdraw any money from the bank. How much interest did Meng earn at the end of 1 year?

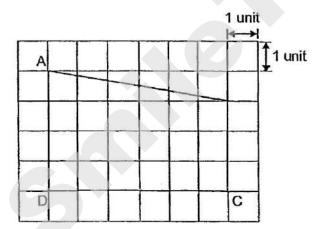
Ans : \$____

3. What is the area of triangle ABC?



Ans:		cm ²
/ UIO .		Citt

4. The square grid below shows two sides of a trapezium, AD and DC. Complete the trapezium ABCD where AD // BC and BC = 3 units. Label the trapezium ABCD.



5.	The sum of 19 numbers is 889. When 6 numbers are removed, the average of all the remaining numbers becomes 39. What is the sum of the 6 numbers which are removed?	Do not write in this space
		3
	Ans:	
		-
÷		

For questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets () at the end of each question or part-question. (45 marks)

Do not write in this space

6. Mrs Seetoh bought some tins of cookies. There were 36 cookies in each tin. Mrs Seetoh divided all the cookies equally into 12 boxes. She gave 3 such boxes to her pupils and 70 cookies to her colleagues. In the end, she had 65 cookies left. How many tins of cookies did Mrs Seetoh buy?

Ans:	[3]	
115	[o]	

7.	The total mass of a box with 30 identical cones and 10 identical rubber rings is 169.5 kg. Each cone has a mass of 3.3 kg. The mass of each rubber ring is the same as the total mass of 2 such cones. What is the mass of the empty box?	Do not write in this space
	Ans : [3]	

 The table below shows the charges for surfing the internet in Wondersurf Cyber Café.

Do not write in this space

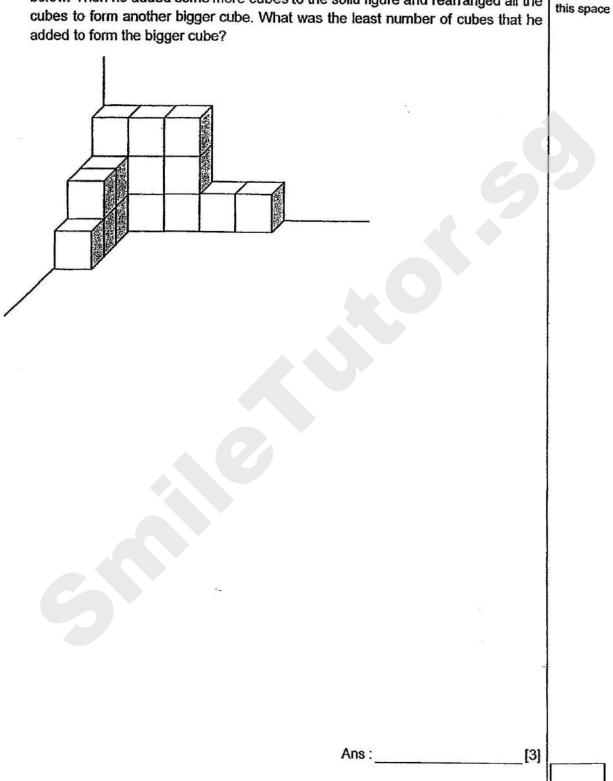
Duration	Charges
1 st hour	\$8.00
Subsequent half an hour or part thereof	\$3.50

Viknesh paid \$22 for surfing the internet in the café. What was the greatest number of hours he spent surfing the internet?

A	101	
Ans :	[3]	
	l l	

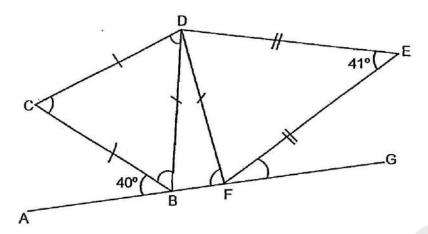
10. Keegan used identical cubes of edge 1 cm to form the solid figure, as shown below. Then he added some more cubes to the solid figure and rearranged all the cubes to form another bigger cube. What was the least number of cubes that he added to form the bigger cube?

write in



11. The figure below shows an equilateral triangle BCD and two isosceles triangles DBF and DEF. ABFG is a straight line. Find ∠EFG.

Do not write in this space



Ans :_____[3]

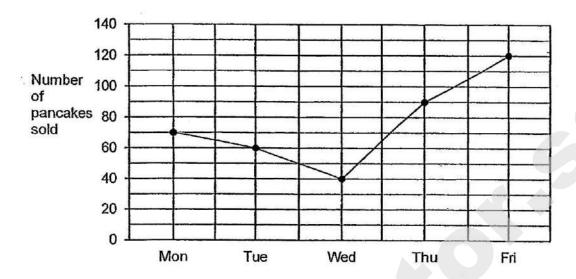
12. Mr Zid donated $\frac{1}{7}$ of his money to a children's home. He donated \$600 less to an old folks' home than to the children's home. He had \$9600 left. How much money did Mr Zid donate to the children's home and the old folks' home altogether?

X		
Ans:	[4]	

13. At Kool Fruitty Stall, there was an equal number of guavas, watermelons and pineapples at first. 54 guavas and 26 watermelons were sold. None of the pineapples was sold. The number of pineapples which was unsold was 4 times of the number of guavas left unsold. What fraction of the total number of fruits at first were sold? Give your answer in the simplest form.

Ans :	[4]
3440	

 The graph below shows the number of pancakes sold by a coffeehouse every day from Monday to Friday. Each pancake was sold at \$1.80.

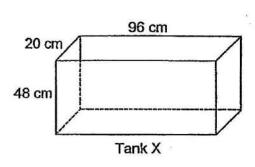


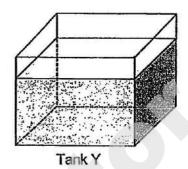
- (a) Write down all the days when the coffeehouse sold at least 70 pancakes per day.
- (b) The coffeehouse sold 21 more pancakes on Saturday than on Friday. What was the average amount of money collected from the sale of pancakes on Friday and Saturday?

Ans : (a)	[1]
(b)	1 31

15. Two rectangular tanks are shown below.

Tank X measuring 96 cm by 20 cm by 48 cm was empty. Tank Y was $\frac{5}{6}$ filled with water. Some water in Tank Y was poured into Tank X without any spilling and filled up $\frac{3}{4}$ of Tank X. There was 31 600 cm³ of water left in Tank Y.

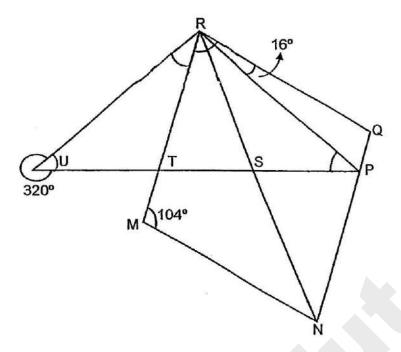




- (a) What was the volume of water in Tank X?
- (b) What was the capacity of Tank Y? Leave your answer in litres:

Ans : (a)	[2]
(b)	[3]

 The figure below shows a rhombus MNQR and a triangle URP. RN is a straight line.



- (a) Find ∠NRP.
- (b) Find the sum of ∠URT and ∠RPU.

\ns : (a)	[3]
(b)	[2]

17. In the morning, Tyvia sold some sardine puffs at 6 for \$10. In the afternoon, she received \$210 from selling ⁷/₁₂ of the remaining sardine puffs at \$2 each. In the end, she had ¹/₄ of the total number of sardine puffs left. How much money did Tyvia receive from selling the sardine puffs in the morning?

Do not write in this space

Ans:	[5]	

End of Paper

SCHOOL :

CHIJ PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA2

CONTACT:

PAPER 1 BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9.	Q10
3	2	4	4	3	2	3	1	4	2

Q11	Q12	Q13	Q14	Q15
1	4	3	3	2

PAPER 1 BOOKLET B

Q16) 1 000 000 - 72 = 999 92

Q17)
$$83-4(9+18\div 9)$$

$$=83 - 4 \times 11$$

$$=83 - 44 = 39$$

Q18)
$$1.5 \div 0.015 = 100$$

Q19)
$$5+2=7$$

$$60 \div 10 = 6$$

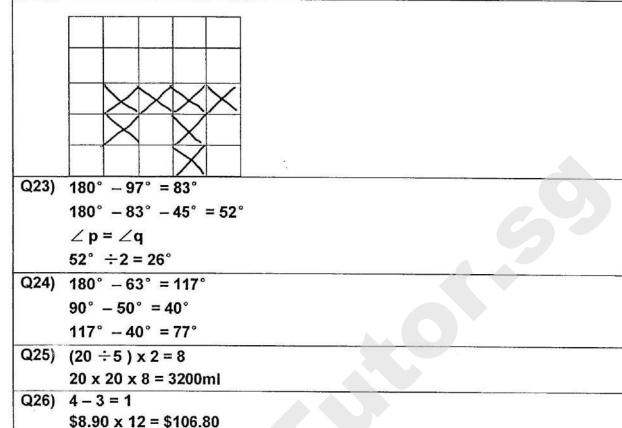
$$6 \times 35 = 210$$

$$20 \div 20 = 1$$

$$1 \times 14 = 14$$

$$14 - 9 = 5$$

Q22)



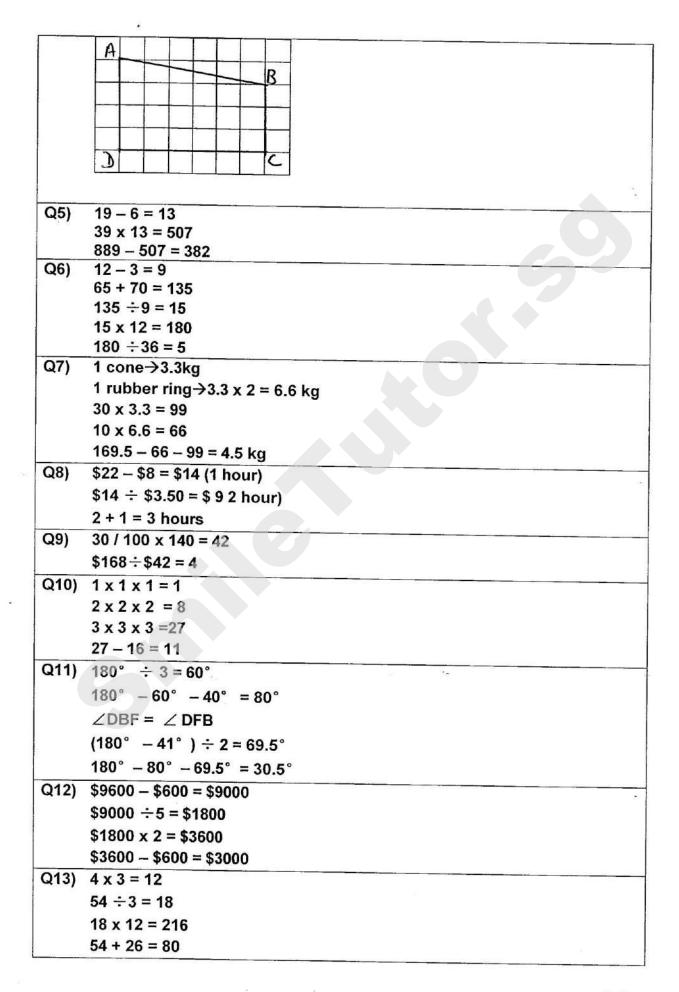
Q27)
$$240 - 120 = 120$$

 $120 \div 4 = 30$
 $120 + 30 + 30 = 180$
 $240 + 30 + 30 + 30 = 330$
 $240 - 30 = 210$
 $210 + 330 + 180 = 720$
 $720 \div 3 = 240$

Q29) 900 Q30) Not possible to tell False

PAPER 2

Q1)	4.03km	
Q2)	5/100 x 47000 = \$2350	104
Q3)	½ x 17 x 21 = 178.5 cm2	
Q4)		



80/216 = 10/27

- Q14) a)Monday, Thursday and Friday.
 - b)120 + 21 = 141
 - 141 + 120 = 261
 - 261 x \$1.80 = \$469.80
 - $$469.80 \div 2 = 234.90
- Q15) a)(48 \div 4) x 3 = 36
 - $36 \times 20 \times 96 = 69120 \text{ cm}3$
 - b)69120 + 31600 = 100720
 - $100720 \div 5 = 20144$
 - 20144 x 6 = 120864
 - 120864 cm3 = 120864ml
 - = 120.864L
- Q16) a)180° -104° = 76°
 - $360^{\circ} 320^{\circ} = 40^{\circ}$
 - $76^{\circ} \div 2 = 38^{\circ}$
 - $76^{\circ} 38^{\circ} 16^{\circ} = 22^{\circ}$
 - b)38° + 22° = 60°
 - $360^{\circ} 320^{\circ} = 40^{\circ}$
 - $180^{\circ} 60^{\circ} 40^{\circ} = 80^{\circ}$
- Q17) $210 \div 2 = 105$
 - 1/4 of total →5units
 - 7units of R→105
 - 1unit of R \rightarrow 105 \div 7 = 15
 - Total \rightarrow 4 x 5 = 20 units
 - 20 12 = 8
 - $15 \times 8 = 120$
 - $120 \div 6 = 20$
 - 20 x 10 = \$200



Maha Bodhi School 2018 Semestral Assessment 2 Primary 5 Mathematics Paper 1 (Booklet A)

Name :()	
Class : Primary 5		
Date: 24 October 2018		
Total duration for Booklets A and B: 1	hour	

INSTRUCTIONS TO CANDIDATES:

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Shade your answers in the Optical Answer Sheet provided.
- The use of calculators is <u>NOT</u> allowed.

This booklet consists of 6 printed pages.

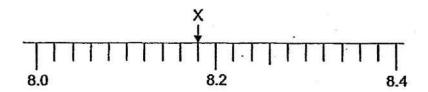
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (20 marks)

1. 100 000 ÷ = 200 × 10

What is the missing number in the box?

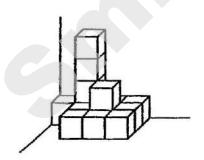
- (1) 50 000
- (2) 5 000
- (3) 50
- (4) 5
- 2. Which of the following number is a factor of both 48 and 56?
 - (1) 9
 - (2) 7
 - (3) 3
 - (4) 4
- 3. Which one of the following fractions is less than $\frac{1}{2}$?
 - (1) $\frac{4}{9}$
 - (2) $\frac{3}{5}$
 - (3) $\frac{5}{8}$
 - (4) $\frac{2}{3}$

4. In the scale below, what is the value of X?



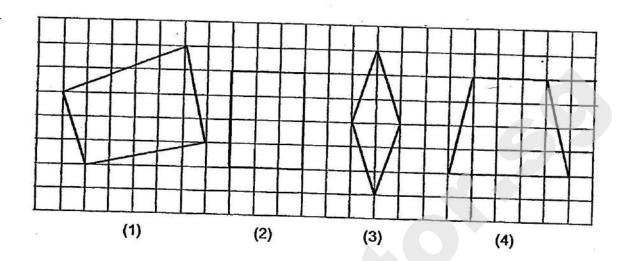
- (1) 8.19
 - (2) 8.18
 - (3) 8.09
 - (4) 8.08
- 5. Express 2 kg 8 g in grams.
 - (1) 208 g
 - (2) 280 g
 - (3) 2008 g
 - (4) 2800 g
- 6. The solid below is made up of identical 1-cm cubes.

What is the volume of the solid?



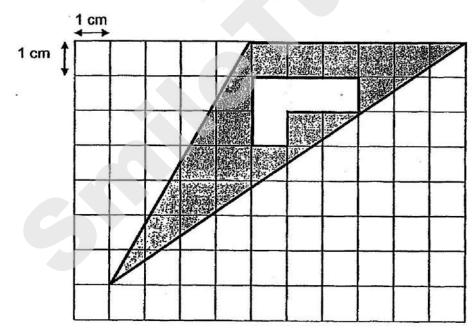
- (1) 11 cm³
- (2) 12 cm³
- (3) 13 cm³
- (4) 14 cm³

7. In the square grid below, which shape is a rhombus?



- 8. Fanny can type 9 words per minute. At this rate, how long would she take to type 108 words?
 - (1) 12 min
 - (2) 99 min
 - (3) 117 min
 - (4) 972 min
- 9. The average of 2 numbers is 18. One of the numbers is 14. What is the other number?
 - (1) 36
 - (2) 22
 - (3) 5
 - (4) 4

- 10. Janice had $\frac{7}{10}$ m of string. She used $\frac{1}{5}$ of it to tie a present and gave the rest to her mother. How much string did Janice give to her mother?
 - (1) $\frac{7}{50}$ m
 - (2) $\frac{1}{2}$ m
 - (3) $\frac{14}{25}$ m
 - (4) $\frac{43}{50}$ m
- 11. Find the shaded area in the figure below.



- (1) 17 cm²
- (2) 21 cm²
- (3) 38 cm²
- (4) 42 cm²

- 12. Neela gave 30% of her salary to her mother and had \$560 left. How much money did she give to her mother?
 - (1) \$168
 - (2) \$240
 - (3) \$392
 - (4) \$800
- 13. An empty tank had a capacity of 3 l. A tap took 42 seconds to fill it completely with water. At the same rate, how long would the same tap take to fill another empty tank with a capacity of 7 l completely with water?
 - (1) 14 s
 - (2) 18 s
 - (3) 91 s
 - (4) 98 s
- 14. Box A contains only 50¢ coins and Box B contains only 20¢ coins. There are 25 more coins in Box B than in Box A. The total amount of money in two boxes is \$19. How much money is there in Box A?
 - (1) \$7
 - (2) \$9
 - (3) \$10
 - (4) \$14

- 15. Adeline, Ben and Charlie collected an average of 34 stickers. Adeline and Ben collected an average of 27 stickers. Ben and Charlie collected an average of 39 stickers. How many stickers did Ben collect?
 - (1) 12
 - (2) 24
 - (3) 30
 - (4) 48



Remember to check your work! Every mark counts.

-End of Booklet A --



Maha Bodhi School 2018 Semestral Assessment 2 Primary 5 Mathematics Paper 1 (Booklet B)

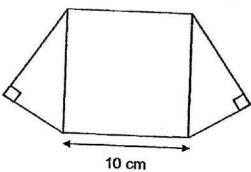
Name :()	Marks:	
Class : Primary 5	3.52		25
Date: 24 October 2018			
Total duration for Booklets A and B: 1 hour		*	

INSTRUCTIONS TO CANDIDATES:

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write all your answers in this booklet.
- 5. The use of calculators is NOT allowed.

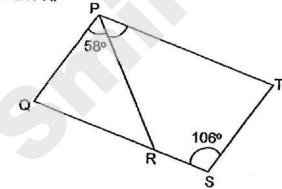
This booklet consists of 6 printed pages.

16. The figure below is made up of a square and 2 identical right-angled triangles. Its area is 148 cm². Find the area of one triangle.



Ans: ____ cm²

In the figure below, PQST is a parallelogram. ∠QPR = 58° and ∠TSR = 106°.

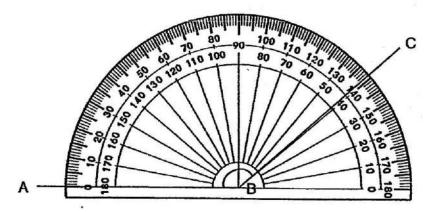


Ans: _____

7

12

18. Measure and write down the size of ∠ABC.



Ans:		
WIID.	No. of the last of	

19. The table below shows the rates for renting skateboards.

For the first 2 hours	\$6.50
For every additional 1 hour or part thereof	\$4.00

Jamie rented 1 skateboard from 2 p.m. to 5 p.m. in the same afternoon. How much did she pay for the rental?

Ans:	\$	
	•	

20. The following table shows the masses of 3 bags.

Bag X	1 kg 200 g		
Bag Y	?		
Bag Z	250 g		

The average mass of the 3 bags is 500 g. What is the mass of Bag Y in grams?

8

Ans:	g
	/3

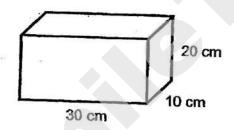
ques For c	stion and write your answers in the spaces p questions which require units, give your ans		
21.	Find the value of 3 ÷ 7. Correct your answ	er to 2 decimal places.	
	ş	Ans:	
2.	Johnny has a mass of 60 kg. Ken's mass i	$\frac{3}{4}$ of Johnny's mass. What	is Ken's mass?
	*		
			*
		Ans:	kg
	Look at the pattern below. The first 15 letter	rs are shown.	
. 1	A B B C D A B B C E	D A B B C D 15 th	
	What is the letter in the 69th position?		x 2
		221 50	
			ii.
		Ans:	
		r	
	9		/6

Michael took a public bus at 06 a train at the same time and reto go to school by train?						
to go to scribbl by train?	į.					
		•				
					.ee 1	
			*			
			Ans	:		min
				34		
In a alich the word of the						
In a club, the number of boys to t			s is 3 : 8	. There	are 24 g	jirls.
How many more girls than boys	are there?					
			Aı	ns:		
			Aı	ns:		
The Ashle shows the second				1.5	2	## TENER TO THE TE
The table shows the number of fa			ootted p	lants.		
Number of potted plants per	amilies wh	o have j		1.5	4	
Number of potted plants per family	0	1	potted p	lants.		
Number of potted plants per			ootted p	lants.	4 5	
Number of potted plants per family	51	1	potted p	lants.		
Number of potted plants per family Number of families	51	1	ootted p	lants.	5	potted plants

27. Magazine B costs \$1 more than Magazine A. Magazine B costs \$0.80 more than Magazine C. Gillian bought 2 copies of each magazine. She paid \$25.50 in all. What is the price of Magazine A?

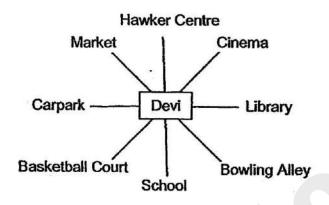
Ans: \$____

28. The diagram below shows a fish tank. What is the capacity of 40 such fish tanks?
Give your answer in litres.



Ans:

29. The diagram shows an 8-point compass. Devi turned 225° clockwise and then made a $\frac{1}{4}$ - turn anti-clockwise to face the basketball court in the end. Where was she facing at first?



Ana.		
Ans:	 	7/14/2004

30. A total of 71 children stand in a queue for candy floss. There are at least 4 boys between any 2 girls. What is the greatest possible number of girls in the queue?

Ans:	
Ans:	airls

14
, ,



Remember to check your work! Every mark counts.

-End of Booklet B -



Maha Bodhi School 2018 Semestral Assessment 2 Primary 5 Mathematics Paper 2

Name :()
Class : Primary 5	
Date : 24 October 2018	
Duration: 1 h 30 min	

INSTRUCTIONS TO CANDIDATES:

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write your answers in this booklet.
- 5. The use of an approved calculator is expected, where appropriate.

Paper	Booklet	Marks Obtained	Max Marks
	А		20
	В		25
2	_		55
Total	14		100

Parent's signature:	

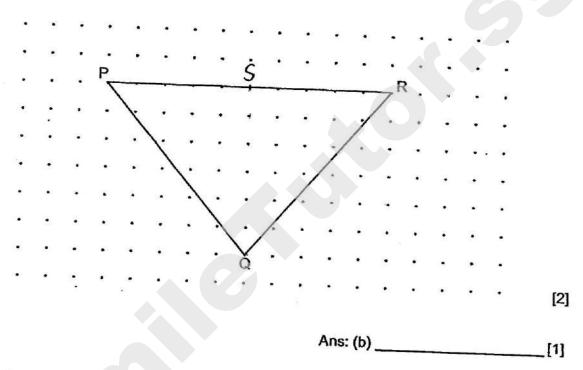
This booklet consists of 12 printed pages.

4	
1.	During a quiz, Tristan answered 14 questions out of 50 questions correctly.
	What percentage of the questions did he answer correctly?
	Ann
	Ans:
	A whole number is 45 000 when rounded to the nearest thousand.
	What is the greatest possible value of the number?
	Ans:
	Jane was given \$12 on a certain date. Every day, starting from that date, she
	spent \$0.80 of the money she was given. She spent all the money she was given on
	23 October. On which date was she given the money?
	~

4.	4.5 kg of white rice is mixed with 5 times as much brown rice. The mixture is packed equally into 10 packets. How many kilogrammes of mixture does each packet contain?
	. 8
	Ans:kg
5.	Mr Tan takes 6 hours to paint a house. Mr Ramesh takes 4 hours to paint the same
	house. How long will it take both men to paint the house together?
	Ans: h
¥	
	The state of the s

For questions 6 to 17, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (45 marks)

- In the space provided below,
 - (a) Draw Line QS such that Triangle PQS has the same area as Triangle RSQ.
 - (b) What type of triangle is Triangle RSQ?

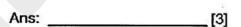


7. $\frac{2}{3}$ of a piece of cloth was used to make a dress. Another $\frac{1}{4}$ m of the cloth was used to make a scarf. There was 3 m of the cloth left. How much cloth was there at first?

Ans: _____[3]

Need a home tutor? Visit smiletutor.sg

8.	The ratio of the length of a rectangle to its breadth is 3:1.
	Its perimeter is 108 cm. What is the length of the rectangle?



9. Joshua deposited his savings of \$4950 into the bank. He earned a 2.4% interest annually on his savings. How much would he have in his bank account at the end of one year?

Ans: [3]

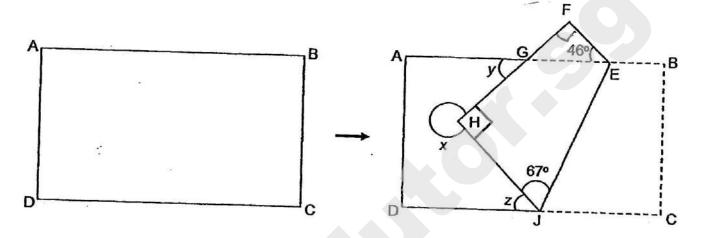
4

- 10. Mrs Lee has some stickers. When she gives 5 stickers to each of her pupils, she has 7 stickers left. When she gives 2 stickers to each of her pupils, she has 52 stickers left.
 - (a) How many stickers does Mrs Lee have?
 - (b) How many more stickers will she need in order to give each of the pupils 7 stickers?

Ans:	(a)	 2]
		-,

Edmund bought 28 tarts. Ai Ling bought 9 such tarts and 23 bottles of drinks 11. at \$4.50 each. Ai Ling spent \$22.75 more than Edmund. How much did Edmund spend? 6

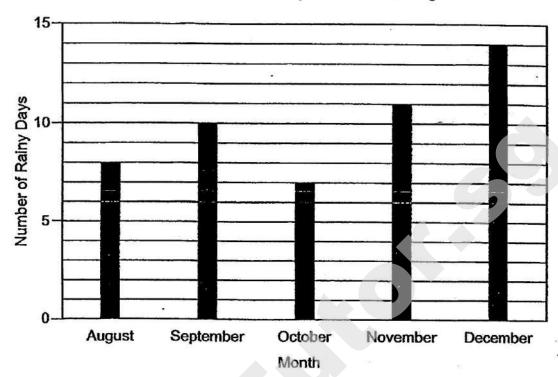
- 12. In the figure, not drawn to scale, ABCD is a rectangular piece of paper. It is folded as shown below. ∠HJE = 67° and ∠FEG = 46°.
 - (a) Find $\angle x$.
 - (b) Find ∠y.
 - (c) Find ∠z.



Ans:	(a)	[1]
	(-/	[']

7

13. The bar graph below shows the number of days it rained from August to December.

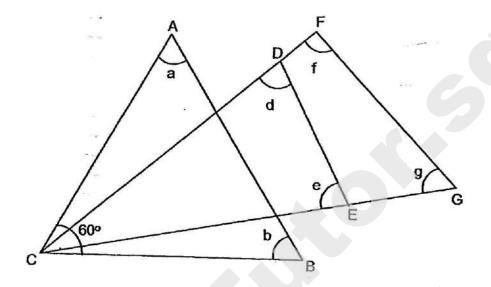


- (a) The average number of days it rained from July to September was 9.
 How many days did it rain in July?
- (b) What is the average number of days it rained from October to December? Round your answer to the nearest whole number.

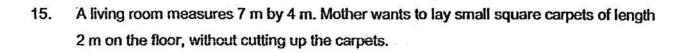
8

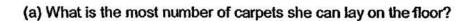
Ans: (a)	
(b)	

14. In the figure below, not drawn to scale, $\angle ACB = 60^{\circ}$. $\angle DCE$ is half the size of $\angle ACB$. Find $\angle a + \angle b + \angle d + \angle e + \angle f + \angle g$.



Ans: _____ [3]





(b) What is the	he area of the	ne floor that is not	covered by ti	ne carpet?
-----------------	----------------	----------------------	---------------	------------

Ans: (a)	[2]
(b)	[2]
	/4

- 16. Sue wants to decorate 16 small cards and 15 large cards using coloured paper. The number of pieces of coloured paper she used for 2 large cards is the same as that for 3 small cards. She has decorated 11 small cards and 8 large cards with 138 pieces of coloured paper.
 - (a) How many small cards can Sue decorate with the number of pieces of coloured paper she uses for 8 large cards?
 - (b) How many pieces of coloured paper does Sue need to decorate the remaining cards?

	Ans: (a)	[1
	(b)	[4]
11	Г	/5

17. At first, Rahman only had apples and Baljit only had mangoes. Then, Rahman gave $\frac{1}{2}$ of his apples to Baljit and Baljit gave $\frac{1}{2}$ of his mangoes to Rahman. After Rahman had sold 246 apples and Baljit had sold 128 mangoes, Rahman had $\frac{1}{6}$ as many apples as mangoes left. $\frac{1}{3}$ of the fruits Baljit had left were apples. How many mangoes did Baljit have left?

Ans:	15

/ 5



Remember to check your work! Every mark counts.
-End of Paper --

SCHOOL :

MAHA BODHI PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA2

CONTACT:

PAPER 1 BOOKLET A

Q1 Q2	Q3 Q4	05 0	6 07	
3 4	1 2	3 4	3	485 709 Q10-

Q11	Q12	Q13	014	015
1	2	4	3	3

PAPER 1 BOOKLET B

Q16)	$10 \times 10 = 100$
	148 - 100 = 48

$$48 \div 2 = 24 \text{ cm} 2$$

$$1500 - 250 = 1250$$

$$1250 - 1200 = 50 g$$

Q21)
$$3 \div 7 \approx 0.43$$

Q22)
$$\frac{3}{4} \times 60 = 45 \text{ kg}$$

Q25)
$$8-3=5$$

$$24/8 \times 5 = 15$$

Q26)
$$26 \times 1 + 12 \times 2 + 3 \times 1 + 4 \times 5 = 73$$

Q28)
$$30 \times 10 \times 20 = 6000$$

Q29)	Library	
Q30)	71 – 1 = 70	
	$70 \div 5 = 14$	
	14 + 1 = 15	

PAPER 2

Q1)	14/50 x 100% = 28%	
Q2)	45499	
021	40 : 00 45	

1h→ ¼ house

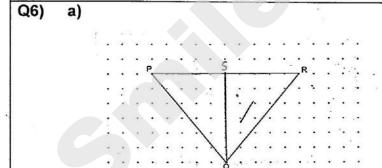




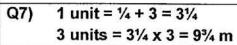
1h→1/6 house

12/5h-→1house

ANS: 22/5 h



b)Right- angled triangle



```
Q10) a)82
           b)7 x 15 = 105
             105 - 82 = 23
   Q11) 4.50 x 23 = 103.50
           28 - 9 = 19
           103.50 - 22.75 = 80.75
           80.75 \div 19 = 4.25
           4.25 \times 28 = $119
  Q12) a) \angle X = 360 - 90 = 270^{\circ}
          b) \angle FGE = \angley
             \angle y = 180 - 90 - 46 = 44°
          c) \angle HJE = \angleEJC
             \angle z = 180 - 67 \times 2 = 46^{\circ}
  Q13) a)9 \times 3 = 27
             27 - 8 - 10 = 9
          b)7 + 11 + 14 = 32
            32 \div 3 \approx 11
 Q14) \angle DCE = 60 \div 2 = 30^{\circ}
          \angle a + \angle b + \angle d + \angle e + \angle f + \angle g
         = 180 \times 3 = 60 - 30 - 30 = 420^{\circ}
 Q15) a)7 \div2 = 3 R1
            4 \div 2 = 2
          2 \times 3 = 6
         b)7 \times 4 - 2 \times 2 \times 6 = 4m2
 Q16) a)8 \div2 = 4
           4 \times 3 = 12
         b)12 + 11 = 23
            138 \div 23 = 6
           16 - 11 = 5
           5 \times 6 = 30
           15 - 8 = 7
           6 \times 3 = 18
           7 \div 2 = 3.5
           3.5 \times 18 = 63
           63 + 30 = 93
        3 units + 246 + 246 + 246 + 128 = 7 units + 246
Q17)
        4 units = 246 + 246 + 128 = 620
        2 units = 620 \div 2 = 310
        310 + 246 + 246 = 802
```

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 1 BOOKLET A

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Shade your answers in the Optical Answer Sheet (OAS) provided.

The use of calculators is **NOT** allowed.

Name:		()	
Class:	Primary 5			
Date:	26 October 2018			ſ

20

This booklet consists of 6 printed pages including this page.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- 1 Find the value of $5 \times 12 + 48 \times 10 \div 5$.
 - (1) 156
 - (2) 216
 - (3) 540
 - (4) 600
- 2 692 x 500 = 700 x 500 -

What is the missing number in the box?

- (1) 400
- (2) 900
- (3) 4000
- (4) 9000
- Mother used $\frac{1}{3}$ m of cloth to make a doll and she had $\frac{1}{8}$ m of cloth left. How much cloth did she have at first?
 - (1) $\frac{2}{11}$ m
 - (2) $\frac{1}{24}$ m
 - (3) $\frac{5}{24}$ m
 - (4) $\frac{11}{24}$ m

- 4 What is $\frac{4}{25}$ in decimal?
 - (1) 6.25
 - (2) 1.6
 - (3) 0.16
 - (4) 0.016
- 5 4 ÷ 1000 = 0 4 ÷

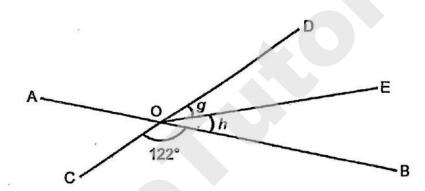
What is the missing number in the box?

- (1) 0.01
- (2) 0.1
- (3) 10
- (4) 100
- 8 out of 40 cats are male and the rest are female. What percentage of the cats is male?
 - (1) 20 %
 - (2) 25 %
 - (3) 80/,
 - (4) 83 /
- 7 A vase cost \$50 before GST. A customer bought the vase and paid an additional 7% GST. How much was the GST?
 - (1) \$0.30
 - (2) \$0.70
 - (3) \$3.50
 - (4) \$7.00

8 20: : 35 = 16:20:28

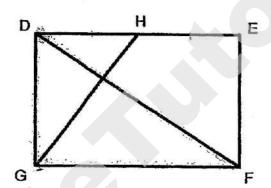
What is the missing number in the box?

- (1) 24
- (2) 25
- (3) 26
- (4) 27
- 9 AB, CD and OE are straight lines. $\angle g = \angle h$. Find $\angle g$.



- (1) 29°
- (2) 30°
- (3) 34°
- (4) 58°
- A number when rounded to the nearest hundred is 10 200. Which one of the following is a possible number?
 - (1) 10 115
 - (2) 10 148
 - (3) 10 167
 - (4) 10 251

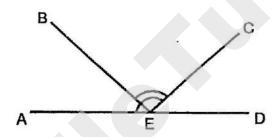
- 11 A rectangular tank measuring 100 cm by 70 cm by 60 cm was $\frac{4}{5}$ filled with water. How much water was there in the tank?
 - (1) 84 &
 - (2) 336 t
 - (3) 384 8
 - (4) 420 8
- In the figure below, DEFG is a rectangle and DH = HE. What is the ratio of the area of triangle DHG to the area of triangle DFG.



- (1) 1:2
- (2) 1:3
- (3) 2:1
- (4) 3:1
- 13 Mei Ling gave $\frac{3}{8}$ of her salary to her mother and saved $\frac{1}{5}$ of the remainder. What fraction of her salary did she save?
 - (1) $\frac{3}{40}$
 - (2) $\frac{1}{8}$
 - (3) $\frac{7}{40}$
 - (4) $\frac{17}{40}$

- The length and breadth of a rectangle are $\frac{4}{5}$ m and $\frac{7}{10}$ m respectively. What 14 is the area of the rectangle?
 - $\frac{14}{25}$ m² (1)
 - (2) $\frac{1}{10}$ m² (3) $\frac{11}{15}$ m²

 - 56 m² (4)
- 15 In the figure below, AD is a straight line. ∠AEC = 119° and ∠BED = 155°. Find ∠BEC.



- (1) 36°
- (2)54°
- 94° (3)
- (4) 137°

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 1 BOOKLET B

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet.

The use of calculators is <u>NOT</u> allowed.

Name:		()	
Class:	Primary 5		**
Date:	26 October 2018	Paper 1 Booklet A	/ 20
		Paper 1 Booklet B	/ 25
		Paper 2	/ 55
Parent's	Signature:	TOTAL	/ 100

This booklet consists of <u>8</u> printed pages including this page.

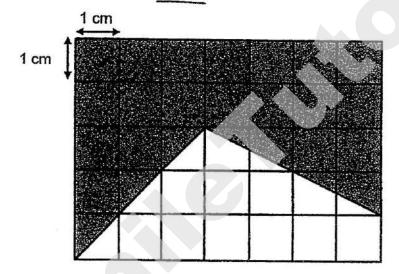
prov	Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)		
16	Round 500 782 to the nearest thousand.		
	Ans:		
17	627.8 + = 6.278 What is the missing number in the box?		
	Ans:		
18	Express 3 km 4 m in kilometres.		
	Ans:km		

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Do not write in this space



20 Find the area of the unshaded region.



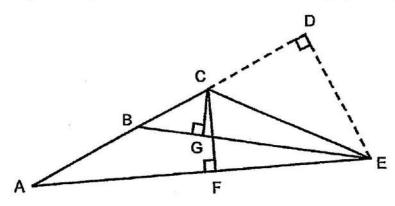
Ans:	cm ²	L

your	stions 21 to 30 carry 2 marks each. Show your working clearly and write answers in the spaces provided. For questions which require units, give answers in the units stated. (20 marks)	Do not wri
21	Rani had 210 fruits altogether. $\frac{3}{7}$ of the fruits were apples and $\frac{2}{5}$ of the	
	remainder were oranges. How many oranges did she have?	
*		
	Ans:	<u> </u>
22	Meiling deposited \$20 000 in a fixed deposit account which pays an interest of 2% per year. How much money did she have in her account at the end of one year?	
-		*
	81 	
	Ans: \$	

23	Ramad had 150 keychains. He gave away 40% of his keychains. How many keychains had he left?	Do not write in this space
***		The state of the s
	Ans:	
24	Tom, Bob and Ali have some stamps in the ratio of 3:6:2. They have a total of 187 stamps. How many stamps does Bob have?	
	*	
	Ans:5 (Go on to the nex	t page)

25 Study the diagram below and answer the following questions.

Do not write in this space



- (a) DE is the height of triangle ACE.Name the line that represents the base of the same triangle.
- (b) AE is the base of triangle ACE.
 Name the line that represents the height of the same triangle.

Ans: (a) Base: _____

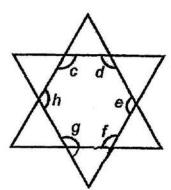
(b) Height: ____

26 Mary's mother gave her \$76 in February. She spent all her money during recess from Monday to Friday. There were 4 weeks in that month. What was the average amount of money Mary spent on a weekday?

.ns: \$_____

27 The figure below is formed by 2 equilateral triangles. Find $\angle c + \angle d + \angle e + \angle f + \angle g + \angle h$.





Ans:	۰	

The table below shows the number of cars sold by Blackmore Company from January to May. The average number of cars sold per month was 30. How many cars were sold in the month of April?

Number of Cars
40
13
25
?
38

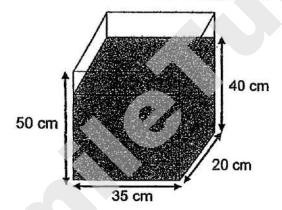
Anai		
Ans:	1	

29	Mrs Tang needs 2.0	5 kg of flour to bake a cake and 1.5 kg of flour to
	bake 12 cupcakes.	How much flour would she need to bake 2 cakes
	and 6 cupcakes?	

Do not write in this space

Ans:	kg

30 The box below is filled with sand to a height of 40 cm.



Each statement below is either true, false, or not possible to tell from the information given. For each statement, put a tick (<) in the correct column.

Statement	True	False	Not possible to tell
$\frac{1}{5}$ of the box is not filled with sand.			
If the length, breadth and			11
height of the box is increased			
by 2 cm each, the volume of			
the box is increased by 8 cm ³ .			
		Commence of	

END OF PAPER

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 2

Duration: 1h 30 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet.

The use of an approved calculator is expected, where appropriate.

Name:			
Class:	Primary 5		1
Date:	26 October 2018	55	
Parent's	Signature:		<u> </u>

This booklet consists of 14 printed pages including this page.

write	stions 1 to 5 carry 2 marks each. Show your working clearly and your answers in the spaces provided. For questions which require , give your answers in the units stated. (10 marks)	Do not write in this space
1	Rambutans were sold at \$3 per kilogram. Siti paid \$15.60 for her rambutans. Jenny paid \$28.20 for her rambutans. How many more kilograms of rambutans did Jenny buy than Siti?	
-	Ans:kg	
2	Terry bought a car for \$153 000. He made a deposit of \$75 000. He then paid the remaining amount in equal monthly payments over 6 months. How much was the monthly payment?	*
	Ans: \$	

3	There were 420 people in an auc children. What percentage of the		D (E)	Do not write in this space
			Ans:%	
4	The ratio of the number of males 7:3. After 12 females alighted boarded the train, the ratio of the females became 4:1. Find the	from the train number of m	and another 12 males ales to the number of	
			Ans:	
		3	(Go on to the next p	iage)

A Science competition had 84 winners. $\frac{1}{2}$ of the winners won either bronze or gold medals. $\frac{5}{6}$ of the winners won either gold or silver medals. How many of the winners won gold medals?

Do not write in this space

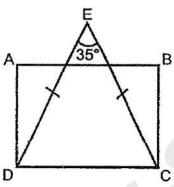
Ans: _____

4

Spai	questions 6 to 17, show your working clearly and write your answers in the ce provided. The number of marks available is shown in brackets [] at end of each question or part-question. (45 marks)	Do not write in this space
6	In 2001, Donny was 10 years old and his father was 52 years old.	
*	In which year was Donny's father 8 times as old as Donny?	
		*
	Ans:[3]	
7	Penny read $\frac{2}{5}$ of a story book in the morning. In the afternoon, she read	
	another 100 pages. After that, she had $\frac{1}{3}$ of the book left to read.	
	How many pages were there in the book?	
	Ans:[3]	
	5 (Go on to the next pa	age)

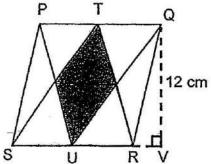
In the diagram below, ABCD is a rectangle and ECD is an isosceles 8 triangle. ∠DEC = 35°. Find ∠EDA.

Do not write in this space



[3]

PQRS is a rhombus of sides 13 cm. Points T and U are the mid-points 9 of lines PQ and SR respectively. QV = 12 cm. Find the area of the shaded region.



[3]

6

10	The solid below is made up of 1-cm cubes.	Do not write in this space
	(a) Draw the side view of the solid in the grid provided	m and opace
	(a) Draw the side view of the solid in the grid provided.	
	(b) What is the volume of the solid below?	
	(c) How many more cubes are needed to build a cube with sides 4 cm?	
•		
	Side View	
	(a)	
	Ans: (b)[1] (c)[1]	
	_ (Go on to the next	nage)

A box of 5280 sweets were shared among 400 children with no remainder. Each girl received 18 sweets and each boy received 10 sweets.

Do not write in this space

- (a) How many girls were there?
- (b) How many boys were there?

	1	
Ans: (a)	[3]	
(b)	[1]	

8

12	Mr Lim has 1350 bags. He sold $\frac{1}{6}$ of the bags on Monday and 126 bags on Tuesday. What percentage of the bags did he sell in total?	Do not write in this space
ū.		-3K

13	Mrs Tan placed an order for some necklaces and bracelets for a sum of
	\$63 700. Each bracelet cost \$2450 and each necklace cost twice as
	much as a bracelet. Mrs Tan ordered 7 necklaces more than bracelets.

Do not write in this space

- (a) How many bracelets did Mrs Tan order?
- (b) How many necklaces did Mrs Tan order?

Ans: (a)	[3]	
(b)	[]	

10

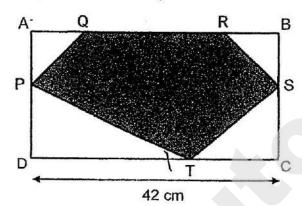
14	An instructor had some counters to hand out to his participants.	Do not write
	If he gave each participant 11 counters, he would have 5 extra counters.	in this space
	If he gave each participant 15 counters, he would be short of 175	
	counters.	
	(a) How many participants were there?	
	(b) How many counters did the instructor have?	
		-
	Ans: (a)[2]	

(Go on to the next page)

(b) _____[2]

- In the diagram below, ABCD is a rectangle. The length of the rectangle is twice its breadth. The ratio of the length of AP to the length of AD is 3:7.
- Do not write in this space

- (a) Find the length of AD.
- (b) Find the area of the shaded region.



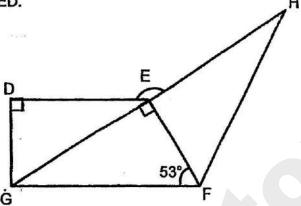
Ans: (a)	[1]	
(b)	[4]	

In the figure below, DEFG is a trapezium and FGH is a triangle.
GF = FH.

Do not write in this space

(a) Name two angles that are equal to ∠DEG.

(b) Find ∠HED.



Ans: (a) ______ & ____[1]

(b) _____ [3]

17 A rectangular tank 80 cm by 55 cm by 75 cm contained some water. Raja poured in another 112 ℓ of water and the tank became $\frac{7}{8}$ - full.

Do not write in this space

- (a) How much water was in the tank at first?
- (b) Mary then poured some more water into the tank and 1 500 m² of water overflowed. How much water did Mary pour in?

 Give both answers in litres.

	Webs affects the s
Ans: (a)	[3]
(b)	[2]
End of Paper 2	

SCHOOL: MGS PRIMARY SCHOOL

LEVEL : PRIMARY 5

SUBJECT: MATH TERM: 2018 SA2

CONTACT: CALL MR GAN @ 9299 8971 8606 5443

PAPER 1 BOOKLET A

		N.					· 32.1		
Q 1	Q2	Q3 -	Q4	Q5	Q6	Q7	Q8	.∜ Q9	Q10.4
1	3	4	3	4	1	3	2	1	3

Q 11	Q12	Q13	Q14	Q15
2	1	2	1	3

provi	stions 16 to 20 carry 1 mark each. Write your answer ided. For questions which require units, give your a id.	nswers in the units (5 marks)	Do not write in this space
16	Round 500 782 to the nearest thousand.		-
	Ans:	501000	
17	627.8 ÷ = 6.278		
	What is the missing number in the box?		
			es.
	Ans:	100	
18	Express 3 km 4 m in kilometres.		- #
	¥		
	*		
	Åns:	3.004 km	
	2	(Go on to the next p	page)

METHODIST GIRLS' SCHOOL (PRIMARY)

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END-OF-YEAR EXAMINATION 2018 PRIMARY 5 **MATHEMATICS**

PAPER 1 **BOOKLET B**

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully. Answer all questions. Write your answers in this booklet. The use of calculators is **NOT** allowed.

wame:		()	
Class:	Primary 5		
Date:	26 October 2018	Paper 1 Booklet A	/ 20
		Paper 1 Booklet B	/ 25
		Paper 2	/ 55
Parent's	Signature:	TOTAL	/40Ó

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TOTAL

/ 100

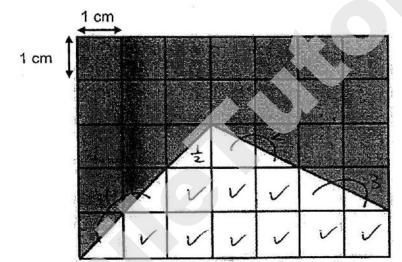
19 What is 25% of 300?

Do not write in this space

$$\frac{25}{100}$$
 x $300 = 75$

Ans: 75

 $\frac{5.1}{5.2}$ Find the area of the unshaded region.



Ans:	12.5 _{cm²}	
_	12½ cm² (Go on to the next page)	

Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

Do not write in this space

Rani had 210 fruits altogether. $\frac{3}{7}$ of the fruits were apples and $\frac{2}{5}$ of the remainder were oranges. How many oranges did she have?

210
$$\frac{3}{7}$$
 (Apples)
 $\frac{3}{7}$ (Apples)
 $\frac{3}{7}$ (Apples)
 $\frac{3}{7}$ (Oranges)
 $\frac{2}{7}$ (Oranges)
 $\frac{2}{7}$ (NI)
 $\frac{3}{7}$ (NI)
 $\frac{3}{7}$ (Oranges)
 $\frac{2}{7}$ $\frac{4}{7}$ $\frac{4}{$

She had 48 oranges

Ans: 48

Meiling deposited \$20 000 in a fixed deposit account which pays an interest of 2% per year. How much money did she have in her account at the end of one year?

$$\frac{2}{100} \times 20000$$

$$= 400$$

$$20000 + 400$$

or
$$\frac{102}{100} \times $20000$$

$$= $20400$$

She had \$20 400

Al Ans: \$ 20400_

Ramad had 150 keychains. He gave away 40% of his keychains. How many keychains had he left?

Do not write in this space

$$\frac{60}{100} \times 150 = 90$$

$$\frac{40}{100} \times 150 = 60$$

$$150 - 60 = 90$$

He half 90 keychains left.

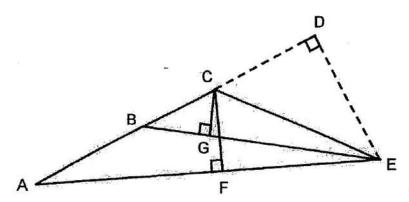
Tom, Bob and Ali have some stamps in the ratio of 3:6:2.
They have a total of 187 stamps. How many stamps does Bob have?

$$11u = 187$$
 $1u = 187 \div 11$
 $= 17$
 $6u = 17 \times 6$ — mi

5

25 Study the diagram below and answer the following questions.

Do not write in this space



- (a) DE is the height of triangle ACE.
 Name the line that represents the base of the same triangle.
- (b) AE is the base of triangle ACE.
 Name the line that represents the height of the same triangle.

Ans: (a) Base: AC/CA

(b) Height: CF/FC

Mary's mother gave her \$76 in February. She spent all her money during recess from Monday to Friday. There were 4 weeks in that month. What was the average amount of money Mary spent on a weekday?

$$4 \times 5 = 20$$

 $$76 \div 20 = $76 \div 2 \div 10$
 $= $38 \div 10$
 $= 3.80

The average was \$3.80.

Ans: \$ 3.80

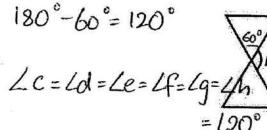
3.80

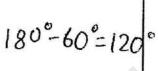
5.1 **27**

The figure below is formed by 2 equilateral triangles. Find $\angle c + \angle d + \angle e + \angle f + \angle g + \angle h$.

Do not write in this space

180°-60°= 120°





120°+120°+120°+120°+120°+120°-1

The sum is 720°

120° × 6 = 720

720

28 The table below shows the number of cars sold by Blackmore Company from January to May. The average number of cars sold per month was 30. How many cars were sold in the month of April?

Month	Number of Cars
January	40 7
February	13 53
March	25
April	? 63/
May	38/

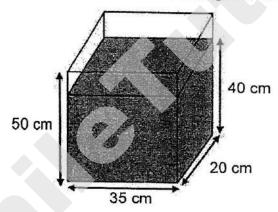
34 cars were sold.

5.129

Mrs Tang needs 2.05 kg of flour to bake a cake and 1.5 kg of flour to bake 12 cupcakes. How much flour would she need to bake 2 cakes and 6 cupcakes?

Do not write in this space

30 The box below is filled with sand to a height of 40 cm.



Each statement below is either true, false, or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
$\frac{1}{5}$ of the box is not filled with sand.	V		
If the length, breadth and height of the box is increased by 2 cm each, the volume of the box is increased by 8 cm ³ .		V	

END OF PAPER

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2018 PRIMARY 5 MATHEMATICS

PAPER 2

Duration: 1h 30 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so. Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet.

The use of an approved calculator is expected, where appropriate.

Name:)
Class:	Primary 5	
Date:	26 October 2018	55
Parent's	Signature:	[

This booklet consists of 14 printed pages including this page.

Do not write in this space

1 Rambutans were sold at \$3 per kilogram. Siti paid \$15.60 for her rambutans. Jenny paid \$28.20 for her rambutans.

How many more kilograms of rambutans did Jenny buy than Siti?

$$15.6 \div 3 = 5.2$$

 $28.2 \div 3 = 9.4$
 $9.4 - 5.2 = 4.2$ — MI, AI

4.2 kg more

	/1	2	
Ans:	4.	7	kg

Terry bought a car for \$153 000. He made a deposit of \$75 000. He then paid the remaining amount in equal monthly payments over 6 months.
How much was the monthly payment?

$$153000 - 75000 = 78000$$

$$78000 \div 6 = 13000 - MI, AI$$

It was \$13000

3 There were 420 people in an auditorium. 126 of the people were children. What percentage of the people were adults?

Do not write in this space

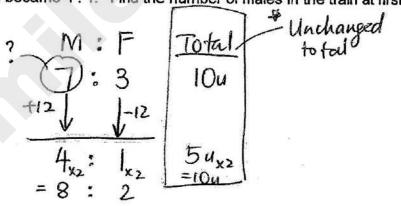
$$\frac{294}{400} \times 100\% = \frac{70\%}{60\%} - \frac{1100\%}{60\%} = \frac{1100\%}{100\%} = \frac{11$$

70% of the people were adults

	70	
Ans:	70	%

The ratio of the number of males to the number of females on a train was 7:3. After 12 females alighted from the train and another 12 males boarded the train, the ratio of the number of males to the number of females became 4:1. Find the number of males in the train at first.

(oncept



Ans: 84

There were 84 males at first.

A Science competition had 84 winners. $\frac{1}{2}$ of the winners won either bronze or gold medals. $\frac{5}{6}$ of the winners won either gold or silver medals. How many of the winners won gold medals?

Do not write in this space

Method 1:

Fraction (Silver) $\rightarrow 1 - \frac{1}{2} = \frac{1}{2}$ Fraction (bronze) $\rightarrow 1 - \frac{5}{6} = \frac{1}{6}$ Fraction (gold) $\rightarrow \frac{1}{2} - \frac{1}{6} = \frac{1}{3}$ No. of gold $\rightarrow \frac{1}{3} \times 84$ —MI

Method 2:
Silver
$$\rightarrow$$
 84: 2=42
Gold or Silver \rightarrow $\frac{5}{6}$ x 84 = 70
Gold \rightarrow 70-42 = 28 — MIA

28 won gold medals

		11	
	28		
Ans:	20		
*			

For questions 6 to 17, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (45 marks)

Do not write in this space

In 2001, Donny was 10 years old and his father was 52 years old.

Difference In which year was Donny's father 8 times as old as Donny?

Dadl

Penny read $\frac{2}{5}$ of a story book in the morning. In the afternoon, she read another 100 pages. After that, she had $\frac{1}{3}$ of the book left to read. How many pages were there in the book?

$$\frac{2}{3}$$
 of book $\implies 2u + 100$
 $\frac{2}{3}$ of book $\implies 1u + 50$
 $2u = 100 + 50 = 150$ \longrightarrow MI
 $1u = 150 \div 2$
 $= 75$
 $5u = 75 \times 5$ \longrightarrow MI
 $= 375$ AI 5
There were 375 pages.

$$\frac{2}{5} + \frac{1}{3} = \frac{6}{15} + \frac{5}{15}$$

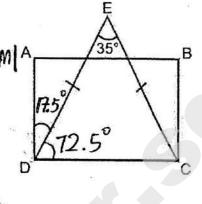
$$= \frac{11}{15}$$

$$1 - \frac{11}{15} = \frac{4}{15}$$

$$1 - \frac{1}{15} = \frac{1}{15}$$

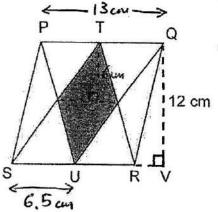
$$1 - \frac{1}{15} = \frac{1}$$

8 In the diagram below, ABCD is a rectangle and ECD is an isosceles triangle. ∠DEC = 35°. Find ∠EDA.



PQRS is a rhombus of sides 13 cm. Points T and U are the mid-points of lines PQ and SR respectively. QV = 12 cm. Find the area of the shaded region.

Method 1:



Method 2:

Area of
$$\triangle STR = (\frac{1}{2} \times 13 \times 12)_{um^{2}} MI$$

= 78 cm^{2}

The shaded area is
$$39 \text{ cm}^2$$
.

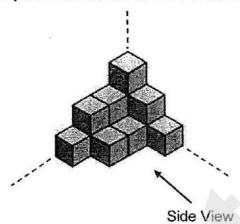


Method 3:

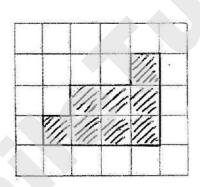
$$13 \times 12 = 156$$

 $156 \div 4 = 39 - M2AI (or \div 8 \times 2)$

- (a) Draw the side view of the solid in the grid provided.
- (b) What is the volume of the solid below?
- (c) How many more cubes are needed to build a cube with sides 4 cm?



(a)



AI

[1]

b) Top
$$\rightarrow 1$$

2nd level $\rightarrow 4$

Bottom -> 8

The volume is 13 cm3.

c) 4x4x4=64

$$A1$$
Ans: (b) 13 cm³ [1]

Use Assumption Method.

A box of 5280 sweets were shared among 400 children with no remainder. Each girl received 18 sweets and each boy received 10 sweets.

Do not write in this space

- (a) How many girls were there?
- (b) How many boys were there?

Assume all 400 children are boys.

a)
$$400 \times 10 = 4000$$

 $5280 - 4000 = 1280$ — MI
 $1280 \div (18-10) = 1280 \div 8$ — MI
 $= 160 \text{ (girls)}$

There were 160 girls - Al

Mr Lim has 1350 bags. He sold $\frac{1}{6}$ of the bags on Monday and 126 bags on Tuesday. What percentage of the bags did he sell in total?

Do not write in this space

$$\frac{1}{6} \times 1350 = 225$$
 — MI
 $126 + 225 = 351$ — MI
 $\frac{351}{1350} \times 100\% = 26\%$ — MI AI

He sold 26% of the bags.

9

- Mrs Tan placed an order for some necklaces and bracelets for a sum of \$63 700. Each bracelet cost \$2450 and each necklace cost twice as much as a bracelet. Mrs Tan ordered 7 necklaces more than bracelets.
- Do not write in this space

- (a) How many bracelets did Mrs Tan order?
- (b) How many necklaces did Mrs Tan order?

She ordered 4 bracelets.

She ordered 11 necklaces.

10

Excess and Shortage.

An instructor had some counters to hand out to his participants.

If he gave each participant 11 counters, he would have 5 extra counters.

If he gave each participant 15 counters, he would be short of 175 sharpe. counters.

- (a) How many participants were there?
- (b) How many counters did the instructor have?

a)
$$5 + 175 = 180$$

 $15 - 11 = 4$
 $180 \div 4 = 45 - ML, AI$

There were 45 participants.

45 × 15 - 175 = 500 - MI, AI

There were 500 counters.

Ans: (a) 45 [2] (b) 500 [2]

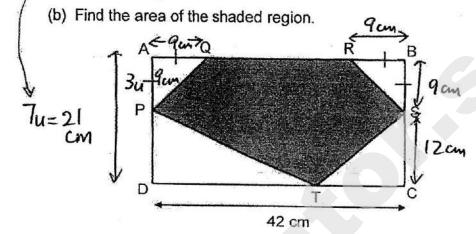
(Go on to the next page)

Do not write

in this space

- In the diagram below, ABCD is a rectangle. The length of the rectangle is twice its breadth. The ratio of the length of AP to the length of AD is
- Do not write in this space

(a) Find the length of AD.



- a) Breadth \rightarrow 42÷2=21 All Length AD is 21 cm.
- b) Area of rectangle \rightarrow 42×21 = 882 7u = 21 $1u = 21 \div 7 = 3$ $3u = 3 \times 3 = 9$

Area of $2 \text{ small } \Delta s = 81$ Area of Big $1 \times 42 \times 12 = 252$ unshaded $\Delta s = 2 \times 42 \times 12 = 252$

The area of shaded region is 549 cm²

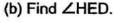
Area of shaded $= 882 - 81 - 252_{Ans: (a)} = 21 \text{ cm} = [1]$ $= 549 \qquad \qquad \text{(b)} = 549 \text{ cm}^2 = [4]$

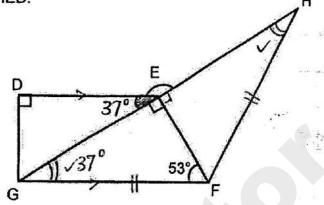
()

16 In the figure below, DEFG is a trapezium and FGH is a triangle. GF = FH.

Do not write in this space

(a) Name two angles that are equal to ∠DEG.





$$\angle DEG = \angle EGF = 37^{\circ}$$
 $\angle HED = 360^{\circ} - 180^{\circ} - 37^{\circ}$ or $180^{\circ} - 37^{\circ} - 7^{\circ}$
 $= 180^{\circ} - 37^{\circ}$
 $= 143^{\circ} - 180^{\circ}$
 $= 143^{\circ} - 180^{\circ}$

$$\angle FGE \angle FHE$$
Ans: (a) $\angle EGF \& \angle EHF$ [1] [
(b) $\underline{143}^{\circ}$ [3]

13

A rectangular tank 80 cm by 55 cm by 75 cm contained some water.

Raja poured in another 112 \(\ell \) of water and the tank became $\frac{7}{8}$ - full.

Do not write in this space

- (a) How much water was in the tank at first?
- (b) Mary then poured some more water into the tank and 1 500 m² of water overflowed. How much water did Mary pour in? Give both answers in litres.

$$\frac{7}{8} \times 80 \times 55 \times 75 = \frac{7}{8} \times 330000 - M$$

$$= 288 750$$

$$288 750 \text{ cm}^3 = 288.75 \text{ J}$$

$$288.75 - 112 = 176.75 - MI, AI$$
There was 176.75 at first.

$$\frac{Method 2}{\frac{1}{8} \times 330000} = 41250$$

$$41250 + 1500 - MI$$

$$= 42750$$

$$42750ml = 42.75l - AI$$

Ans: (a)
$$\frac{176.75l}{42.75l}$$
 [3] [2]

End of Paper 2



NAN HUA PRIMARY SCHOOL SEMESTRAL ASSESSMENT 2 – 2018 PRIMARY 5

MATHEMATICS
PAPER 1
(BOOKLET A)

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

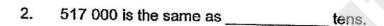
- 1. Write your name and index number in the space provided.
- 2. Do not turn over the page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1-15.
- 6. The use of calculators is NOT allowed.

Name :		1
Class : 5	•	
Date : <u>2 Nov 2018</u>	Parent's Signature :	

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (20 marks)

1.	In 3 472 169, which digit is in the hundred thousands place?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

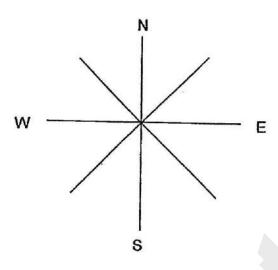


- (1) 517
- (2) 5170
- (3) 51 700
- (4) 517 000
- 3. What is the product of 500 and 2000?
 - (1) 10 000
 - (2) 100 000
 - (3) 1 000 000
 - (4) 10 000 000

- 4. What is the value of $48 \div 8 (6 4) \times 2?$
 - (1) 8
 - (2) 2
 - (3) 12
 - (4) 16
- 5. What is the value of $\frac{3}{5} \times \frac{2}{9}$?
 - (1) $\frac{2}{15}$
 - (2) $\frac{5}{14}$
 - (3) $\frac{27}{10}$
 - (4) $\frac{37}{45}$
- 6. Express $\frac{36}{50}$ as a decimal.
 - (1) 3.6
 - (2) 7.2
 - (3) 0.36
 - (4) 0.72

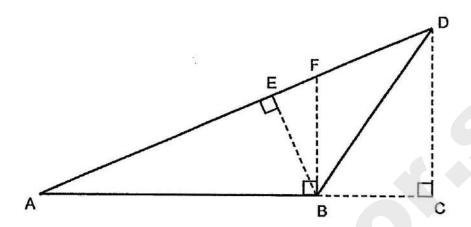
7. After making a $\frac{3}{4}$ turn clockwise, John is facing South-West.

Which direction is John facing at first?



- (1) East
- (2) North
- (3) North-West
- (4) South-East
- 8. Mrs Tay bought $\frac{7}{10}$ kg of meat from the market. She cooked $\frac{1}{2}$ kg of the meat and kept the rest. How much meat did she keep?
 - (1) $\frac{1}{5}$ kg
 - (2) $\frac{3}{5}$ kg
 - (3) $\frac{12}{10}$ kg
 - (4) $\frac{7}{20}$ kg

9. In the figure below, ABD is a triangle.
Given that AB is the base; which one of the following is the height?

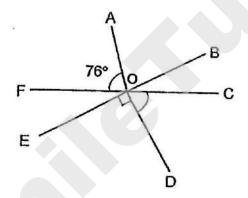


- (1) BD
- (2) BE
- (3) BF
- (4) CD
- 10. Mrs Lim bought 40 apples. Her family ate $\frac{2}{5}$ of the apples.

How many apples were left?

- (1) 12
- (2) 16
- (3) 24
- (4) 38

- 11. There are a total of 75 red and green balls in a jar. 60% of the balls are red. How many green balls are there in the jar?
 - (1) 15
 - (2) 30
 - (3) 40
 - (4) 45
- 12. In the figure, BE and CF are straight lines. $\angle AOF = \angle AOB$. Find $\angle COD$.



- (1) 14°
- (2) 28°
- (3) 62°
- (4) 76°

13. The rate for parcel postage at a post office is shown in the table below.

Mass step not over	100 g	250 g	500 g	Every additional 100 g
Postage	\$2.50	\$3.90	\$5.20	\$1

Alice posted a parcel that weighed 860g. How much did she pay for the postage?

- (1) \$8.20
- (2) \$9.20
- (3) \$12.60
- (4) \$22.50

14. The first 16 numbers of a number pattern are given below.

What is the sum of the first 48 numbers?

- (1) 60
- (2) 76
- (3) 81
- (4) 96

- 15. Caili spent $\frac{1}{2}$ h doing her homework. She spent $\frac{1}{6}$ h less than Aini on her homework. How much time did Aini take to complete her homework?
 - (1) 10 min
 - (2) 20 min
 - (3) 30 min
 - (4) 40 min

End of Booklet A



NAN HUA PRIMARY SCHOOL SEMESTRAL ASSESSMENT 2 -- 2018 PRIMARY 5

MATHEMATICS PAPER 1 (BOOKLET B)

Total Time for Booklets A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

- 1. Write your name and index number in the space provided.
- 2. Do not turn over the page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- 5. Write your answers in this booklet.
- 6. The use of calculators is NOT allowed.

Marks Obtained

Paper 1	Booklet A	
	Booklet B	/ 45
Paper 2		/ 55
Total		/ 100

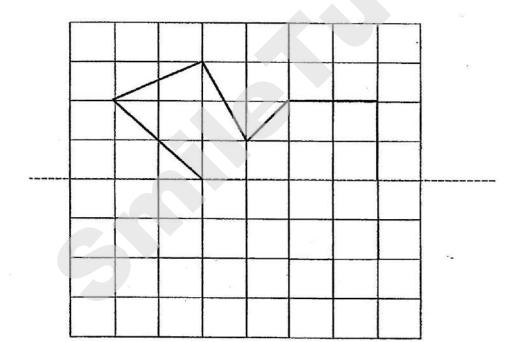
Name :	()
Class : 5	_	
Date : 2 Nov 2018	Parent's Signature :	

Que For	estions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. questions which require units, give your answers in the units stated. (5 marks)
16.	Write one million, six hundred and forty thousand and thirteen in numerals.
	Ans:
17.	A file cost \$1.20. A school bought 800 files for the students. How much did the school pay for the files?
	Ans: \$
18.	By rounding each of the numbers to the nearest whole number, estimate the value of: $37.8 + 79.6 \times 10.3$
	Ans:

19. Find the value of 50 ÷ 3. Express your answer as a mixed number in its simplest form.

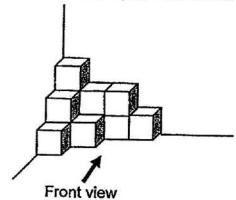
Ans:

Complete the diagram below to form a symmetric figure. The dotted line is the line of symmetry.



Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

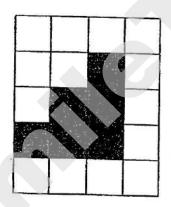
21. The solid below is made up of 1-cm cubes.



Look at the figures below and identify the views for the solid.

Put a tick (✓) next to the correct answer.

•	_	
	н	13
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Top view

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ı
1
1

Front view

100			
- 88			
- 93		 -	20
	L		

Side view

/h)

			T	
			T	=305
**************************************		W_	-	
E/ 15/15/2	-	十	\dashv	_
		1	1	

Top view

			1
- 1			1
			1
1			•
1			- 1
			- 1

Front view

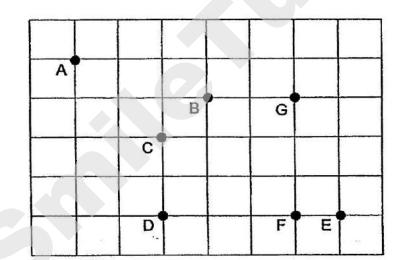
- 1			

Side view

22. Using the given line, draw and label ∠ABC = 72°



23.

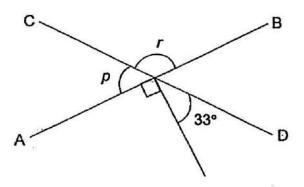


N

In the square grid above,

- (a) point C is south-west of point _____
- (b) point _____ is east of point F.

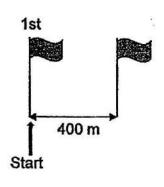
- 24. In the figure, AB and CD are straight lines.
 - (a) Find $\angle p$.
 - (b) Find $\angle r$.



- Ans: (a)
 - (b)
- 25. The average of two different 2-digit numbers is 43. What is the greatest possible difference between the two numbers?

Ans: _____

26. At a Fun Run, one flag pole was placed at the starting point and one at the ending point. Flag poles were also placed at every 400 m along the route. A total of 12 flag poles were used. What was the length of the route? Express your answer as a decimal in kilometres.





Ans: _____ km

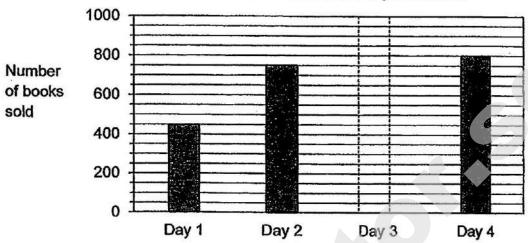
27. Sharon is reading a book with 600 pages. She reads 240 pages in 8 days. At this rate, how many days will Sharon take to read the remaining pages?

Ans:

Study the bar graph below and answer questions 28 and 29.

The bar graph shows the number of books sold at a book fair over 4 days.

Number of Books Sold at a 4-day Book Fair



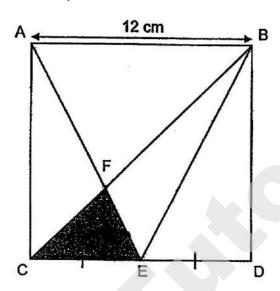
28. $\frac{1}{5}$ of the books were sold on Day 3. Find the number of books sold on Day 3.

Ans:		

- 29. (a) How many more books were sold on Day 4 than Day 1?
 - (b) Each book cost \$3 at the fair. How much was collected on Day 2?

Ans: a)	
b) \$	

30. In the figure, ABDC is a square with sides 12 cm. CE = ED. The area of AFBEC is 60 cm^2 . Find the area of the shaded triangle CFE.



Ane.	cm4

End of Booklet B



NAN HUA PRIMARY SCHOOL SEMESTRAL ASSESSMENT 2 – 2018 PRIMARY 5

MATHEMATICS Paper 2

Total Time for Paper 2: 1 hour 30 minutes

INSTRUCTION TO CANDIDATES

- 1. Write your name and index number in the space provided.
- 2. Do not turn over the page until you are told to do so.
- 3. Follow all instructions carefully
- 4. Answer all questions.
- 5. Write your answers in this booklet.
- 6. The use of an approved calculator is expected, where appropriate.

Marks Obtained

Total .	Max Mark
	55

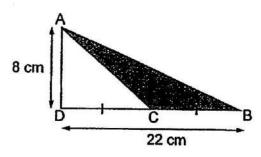
Name :	(
Class : 5		
Date: 2 Nov 2018	Parent's Signature :	

Questions 1 to 5 carry 2 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this space

(10 marks)

In the figure below not drawn to scale, DCB is a straight line and DC = CB.
 What is the area of the shaded triangle?



Ans: cm²

Diana bought 28 identical pens which cost \$1.60 each. She then had \$12.50 left. How much money did she have at first?

Ans: \$ ____

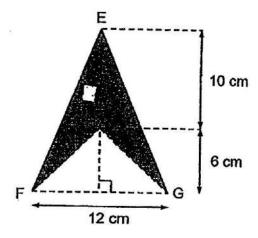
3.	287 pupils and 12 teachers are out on a learning journey. What is the least number of buses needed if each bus can take a maximum of 30 passengers?	Do not write in this space
		,
	Ans:	
4.	A candy machine makes lollipops at a rate of 28 pieces every 3 minutes How many lollipops can it make in one hour?	
	Ans:	
V		
5.	Megan is 11 years old and her brother is 3 years old. In how many years' time will their total age be 48 years old?	
	time tour age be 40 years old?	
	Ans:	
	2	

For questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

Do not write in this space

(45 marks)

6. In the figure below not drawn to scale, triangle FHG is cut out from triangle FEG. What is the area of the shaded part?



Ans:	[3]
, 11.04	10

7. Mrs Tan paid \$151.20 for an equal number of pens and keychains. Each pen cost \$1.20. Each keychain cost \$1.80 more than a pen. How many pens did she buy?

Ans:	121
	[3]

8.	Nicholas planned to buy 3 mangoes and 5 apples which cost \$14.20 altogether. However, he changed his mind and bought 6 mangoes and 7 apples instead. He paid \$25.10 for the fruits. How much did an apple cost?	Do not write in this space
	Ans:[3]	
	Ans:[3]	
9.	The table below shows the charges for the entrance tickets to the Singapore Zoo.	
	Price of ticket	
	Adult \$35	6
	Child \$23	
	A tour group of 65 people paid a total of \$2047 to visit the Singapore Zoo. How many children were there in the tour group?	
	, and the state of	

10.	and 1.6 m join the group, what is the new average height of all the boys?	Do not write in this space
	Ans:[3]	
11.	The original price of a television is \$1350. Mr Lim bought the television at a discount of 20%. In addition, he had to pay 7% GST on the discounted price.	
	(a) How much was the discount?	
	(b) How much did Mr Lim pay for the television including GST?	
**		
		*
	Ans: a)[1]	
	b)[3]	
	5	
	5	

12. There are some pupils who will be performing at a Charity Concert. The ratio of the number of pupils singing to the number of pupils playing musical. instruments to the number of pupils dancing is 8:5:3.

Do not write in this space

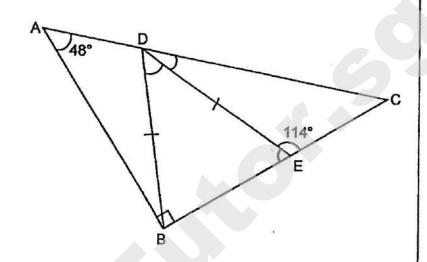
- (a) If there are 21 pupils dancing, how many pupils in total will be performing for the Charity Concert?
- (b) How many more pupils will be singing than dancing for the Charity Concert?

Ans: a)	[3]
b)	[1]

13. The figure below is not drawn to scale. ∠ABC is a right-angled triangle. BD = DE. Find

Do not write in this space

- (a) ∠BDE
- (b) ∠EDC



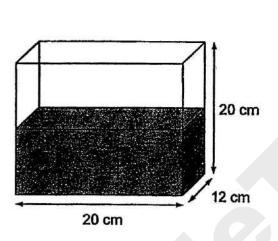
Ans: a) [2]

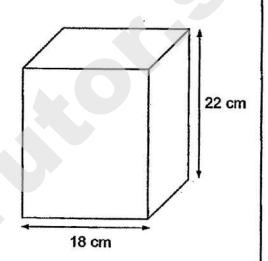
b) [2]

14. Tank A measuring 20 cm long 12 cm wide and 20 cm high was $\frac{1}{2}$ filled with water. All the water in Tank A was then poured into Tank B with a square base of side 18 cm and a height of 22 cm.

Do not write in this space

- (a) How much water was there in Tank A at first? Give your answer in millilitres.
- (b) After all the water in Tank A had been poured into Tank B, how much more water is required to fill Tank B to the brim? Give your answer in millilitres.





Tank A

Tank B

Ans: a)	[2]	
b)	[2]	

15. Alice, Betsy and Cheryl shared some stickers. The ratio of the number of stickers Alice had to the total number of stickers Betsy and Cheryl had was 6:5. Alice had twice the number of stickers Betsy had and 24 more stickers than Cheryl.

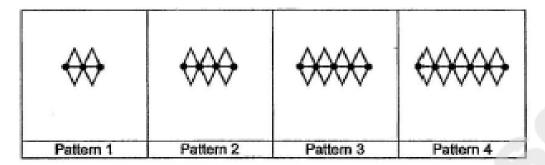
Do not write in this space

- (a) What is the ratio of the number of stickers Alice had to the number of stickers Betsy had to the number of stickers Cheryl had?
- (b) How many stickers did they have altogether?

Ans: a)	[1]	
b)	[3]	

16. Some triangles and dots are used to form the patterns below.

Do not write in this space



- (a) What is the number of dots in Pattern 5?
- (b) What is the number of triangles in Pattern 12?
- (c) What is the total number of triangles and dots in Pattern 20?

Ans: a)_____[1]

b)_____[1]

c)____[3]

10

		#	
17.	Af	Tan baked 48 more chocolate cupcakes than blueberry cupcakes. ter he sold $\frac{1}{4}$ of the chocolate cupcakes and $\frac{1}{2}$ of the blueberry cupcakes, had 211 chocolate and blueberry cupcakes left altogether.	Do not write in this space
	a)	How many chocolate and blueberry cupcakes did he sell altogether?	
	b)	How many chocolate cupcakes did Mr Tan bake at first?	
		Ans: a) [3]	
		b)[2]	
		End of Paper 2	

11

SCHOOL: NAN HUA PRIMARY SCHOOL

LEVEL : PRIMARY 5

SUBJECT: MATH TERM: 2018 SA2

CONTACT:

PAPER 1 BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	. Q8	Q9	010
4	3	3	2	1	4	3	1	4	3

Q11	Q12	Q13	Q14	Q15
2	3	2	2	4

PAPER 1 BOOKLET B

Q16) 1640013

Q17) \$1.20 x 800

=\$1.20 x 8 x 100

 $= $9.60 \times 100 = 960

Q18) 38 + 80 x 10

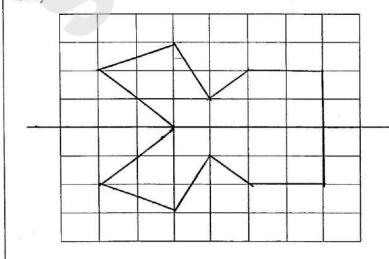
= 38 + 800

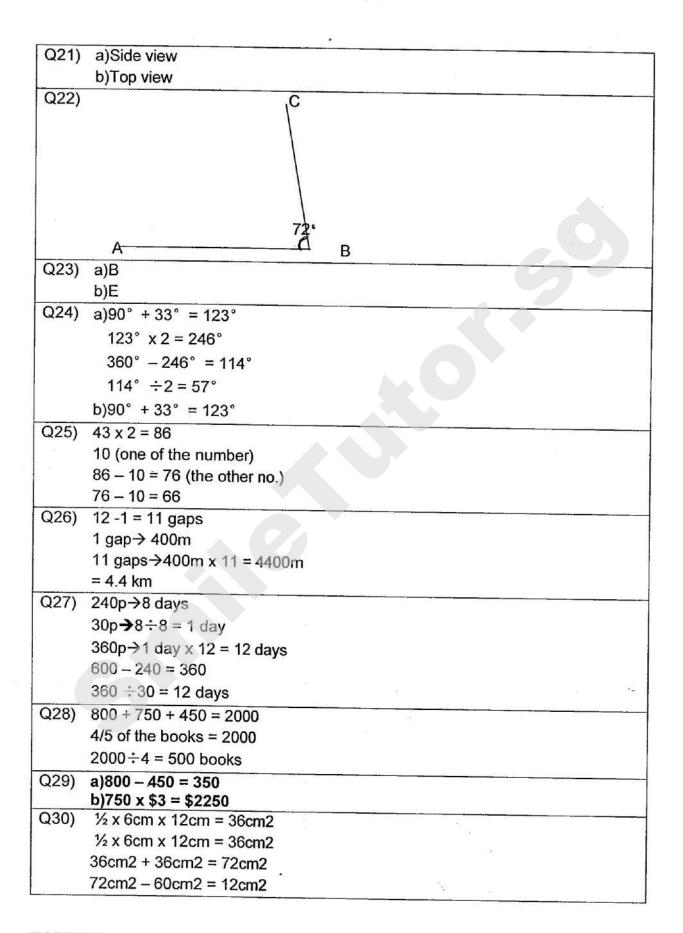
= 838

Q19) $50 \div 3 = 50/1 \times 1/3$

= 162/3

Q20)





PAPER 2

```
Q1)
       22cm ÷2 = 11cm
        ½ x 11cm x 8cm = 44 cm2
       $1.60 \times 28 = $44.80
Q2)
       $44.80 + $12.50 = $57.30
Q3)
       287 + 12 = 299
       299 \div 30 = 9R 30
       9 + 1 = 10
Q4)
       1 hour = 60 min
       3min→28L
       60 \text{ min} \rightarrow 28 \times 20 = 560 \text{L}
       11 + 3 = 14 (total age now)
Q5)
       14 + 2 = 16 (1 year later)
       14 + 14 = 28 (7 years later)
       48 - 14 = 34
       34 \div 2 = 17 years' time
       10cm + 6cm = 16cm
Q6)
       ½ x 16cm x 12cm = 96cm2
        \frac{1}{2} x 6cm x 12cm = 36cm2
       96 \text{ cm} 2 - 36 \text{ cm} 2 = 60 \text{ cm} 2
Q7)
       1.80 + 1.20 = 3 (1 \cos t \text{ of keychain})
       $3 + $1.20 = $4.20
       $151.20 \div $4.20 = 36
Q8)
       3M + 5A = $14.20
       6M + 7A = $25.10
       6M + 10A = $14.20 \times 2 = $28.40
       3A = $28.40 - $25.10 = $3.30
       1A = \$3.30 \div 3 = \$1.10
       65 \times $35 = $2275
Q9)
       $2275 - $2047 = $228
       $35 - $23 = $12
       $228 \div 12 = 19
Q10) 1.52m \times 2 = 3.04m
       3.04m + 1.6m = 4.64m
       4.64m + 1.565m = 6.2m
       6.2m \div 4 = 1.55m
Q11) a)20\% \times $1350 = $270
       b)100\% - 20\% = 80\%
       80% x $1350 = $1080 (discounted price)
       100\% + 7\% = 107\%
       107\% \times \$1080 = \$1155.60
Q12) a) S: M: D: total
          8:5:3:16
        56 : 35 : 21 : 112
       b)56 - 21 = 35
```

```
Q13) a)180^{\circ} - 114^{\circ} = 66^{\circ}
           66° x 2 = 132°
           180^{\circ} - 132^{\circ} = 48^{\circ}
        b)90^{\circ} - 66^{\circ} = 24^{\circ}
           24^{\circ} + 48^{\circ} = 72^{\circ}
          180^{\circ} - 72^{\circ} = 108^{\circ}
          108^{\circ} + 48^{\circ} = 156^{\circ}
          180^{\circ} - 156^{\circ} = 24^{\circ}
Q14) a)20cm \times 20cm \times 12cm = 4800cm3
           =4800ml
            4800ml \div 2 = 2400ml
        b)22cm x 18cm x 18cm = 7128cm3
           = 7128ml
            7128mi - 2400 ml = 4728ml
Q15) a)6:3:2
         b)6u - 2u = 4u
           4u = 24
           1u = 24 \div 4 = 6
           11u = 6 \times 11 = 66
Q16) a)no.of dots→in 12
           5n + 2 = 7
         b)12 = n
           2n + 2 = 2x + 12 + 2
           = 24 + 2 = 26
         c)n = 20
           no.of dots = 20 + 2 = 22
         no of \triangle = 2 \times 20 + 2 = 42
        42 + 22 = 64
Q17) a)5u + 36 = 211
          5u = 211 - 36 = 175
           1u = 175 \div 5 = 35
          3u = 35 \times 3 = 105
           Sold \rightarrow 105 + 12 = 117
         b)4u = 35 \times 4 = 140
           140 + 48 = 188
```

1



SECOND SEMESTRAL EXAMINATION 2018

PRIMARY 5

MATHEMATICS PAPER 1 (BOOKLET A)

Total Duration for Booklets A and B: 1 hour

Additional materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO PUPILS

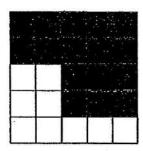
- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Shade your answers in the Optical Answer Sheet (OAS) provided.
- 5. The use of calculators is NOT allowed.

Name:	-	()
Class: Primary 5 ()		

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (20 marks)

- 1 Express 425 m in kilometres.
 - (1) 0.425 km
 - (2) 4.025 km
 - (3) 4.25 km
 - (4) 42.5 km
- What does the digit 7 in 98.76 stand for?
 - (1) 7 ones
 - (2) 7 tens
 - (3) 7 tenths
 - (4) 7 hundredths

3 The figure below is made up of 25 identical squares.

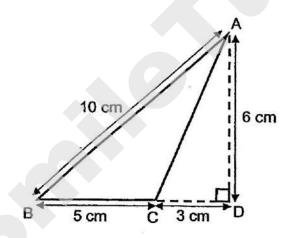


What percentage of the figure is shaded?

- (1) 16%
- (2) 32%
- (3) 36%
- (4) 64%

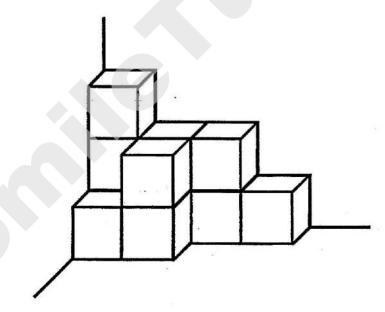
- 4 Mr Ong had \$50. He spent 30% of his money on his dinner. How much money did he spend on his dinner?
 - (1) \$35
 - (2) \$30
 - (3) \$20
 - (4) \$15

- 5 There were 96 children and 72 of them were boys.
 What was the ratio of the number of girls to the number of boys?
 - (1) 1:3
 - (2) 1:4
 - (3) 3:1
 - (4) 4:3
- In the figure below, BCD is a straight line. Find the area of triangle ABC.



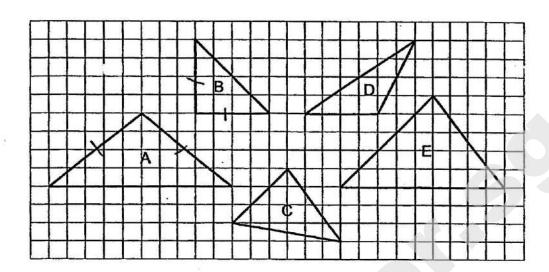
- (1) 15 cm²
- (2) 24 cm²
- (3) 25 cm²
- (4) 30 cm²

- 7 A machine prints 60 worksheets in 1 minute. At this rate, how many worksheets does it print in 6 minutes?
 - (1) 240
 - (2) 360
 - (3) 420
 - (4) 480
- The figure below is made up of 1-cm cubes. What is the volume of the figure?



- (1) 9 cm³
- (2) 10 cm³
- (3) 11 cm³
- (4) 12 cm³

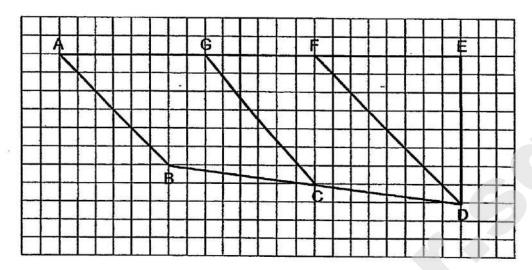
9 Triangles A, B, C, D and E are drawn on the square grid below.



How many of them are isosceles triangles?

- (1) 5
- (2) 2
- (3) 3
- (4) 4

10 Which two lines in the figure below are parallel to each other?



- (1) AE and ED
- (2) GF and FD
- (3) AB and GC
- (4) AB and FD
- 11 What is the missing number in the box below?

- (1) 10
- (2) 100
- (3) 1000
- (4) 10 000

- Jun Rong had some marbles. After he gave $\frac{2}{9}$ of his marbles to Miss Wong, he had 70 marbles left. How many marbles did he have at first?
 - (1) 10
 - (2) 20
 - (3) 90
 - (4) 110
- 13 Arrange the following fractions from the smallest to the largest.

$$\frac{3}{4}$$
 , $\frac{5}{6}$, $\frac{2}{9}$, $\frac{3}{3}$

smallest largest

- (1) $\frac{1}{3}$, $\frac{2}{9}$, $\frac{3}{4}$, $\frac{5}{6}$
- (2) $\frac{1}{3}$, $\frac{3}{4}$, $\frac{5}{6}$, $\frac{2}{9}$
- (3) $\frac{2}{9}$, $\frac{1}{3}$, $\frac{5}{6}$, $\frac{3}{4}$
- (4) $\frac{2}{9}$, $\frac{1}{3}$, $\frac{3}{4}$, $-\frac{5}{6}$

- Mr Tan sold 3000 cupcakes. Each cupcake was sold for \$0.90. The money collected from selling all the cupcakes was given to his 10 assistants. Each assistant received an equal amount of money. How much did each assistant receive?
 - (1) \$2.70
 - (2) \$27
 - (3) \$270
 - (4) \$2700
- Fatimah spent \$88 on some Chinese storybooks. She spent \$16 on an English storybook. The average cost of all the storybooks was \$4. How many storybooks did she buy in total?
 - (1) 26
 - (2) 22
 - (3) 18
 - (4) 4



SECOND SEMESTRAL EXAMINATION 2018

PRIMARY 5

MATHEMATICS PAPER 1 (BOOKLET B)

Total Duration for Booklets A and B: 1 hour

INSTRUCTIONS TO PUPILS

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- Answer all questions.
- 4. Write your answers in this booklet.
- 5. The use of calculators is **NOT** allowed.

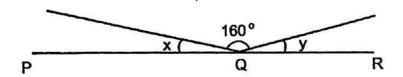
Name:		()
Class: Primary 5 ()		

Booklet B / 25

Any query on marks awarded should be raised by <u>5 November 2018</u>. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

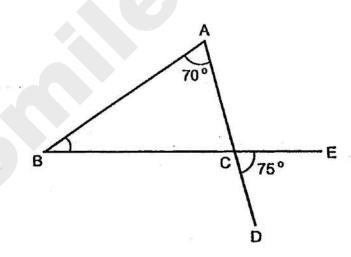
Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)		
16	Find the value of 60 × 2 – 80 ÷ (26 + 14).	
	Ans:	
17	Find the value of 5 ÷ 8. Express your answer as a decimal.	
	Ans:	
18	Find the missing number in the box below.	
	2:6=18:	
	Ans:	

19 In the figure below, PQR is a straight line. $\angle x$ is equal to $\angle y$. Find $\angle y$.



Ans: _____o

20 In the figure below, ACD and BCE are straight lines. Find ∠ABC.



Ans: ______°

Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

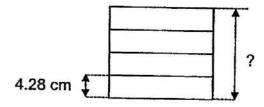
21 There were 312 098 visitors to a zoo last year. Round this number to the nearest hundred.

Ans: _____

Mrs Tay had $\frac{5}{6}$ kg of flour. She used $\frac{1}{2}$ of it to bake a cake. How many kilograms of flour did she use to bake the cake? Express your answer as a fraction in its simplest form.

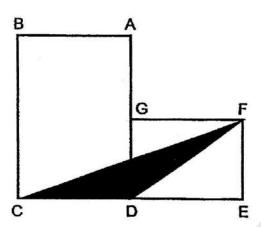
Ans: _____ka

The thickness of a Science textbook is 4.28 cm. What is the total thickness of 4 such textbooks that are stacked on top of one another?



Ans: _____ cm

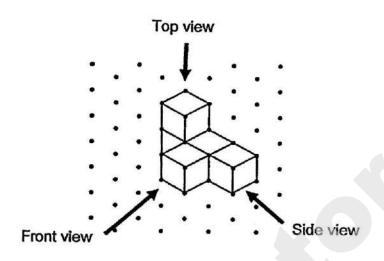
24 ABCD and DEFG are rectangles. The area of triangle CDF is 24 cm² and AG = GD. Find the area of rectangle ABCD.



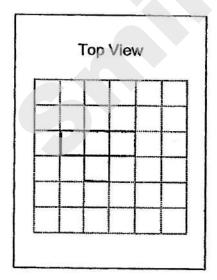
Ans: cm²

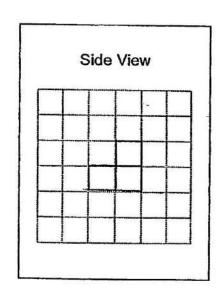
25 Find the volume of a 6-cm cube.

Ans: ____ cm

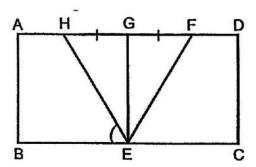


Draw the top view and side view of the solid on the square grids provided below.





27 In the figure below, rectangle ABCD is made up of 2 identical squares ABEG and ECDG. EFH is an equilateral triangle and HG = GF. Find ∠BEH.



Ans:	
MIIO.	

28 Find the average of 1250 m, 855 m, 750 m and 4065 m.

Ans:	m

29	The first 14 numbers of a repeated	number nati	em are diven below
	What is the 427 th number?	manibor pag	om are given pelow.
		Ans:	
30	Use each of the digits below once to to 58 when rounded to the nearest whole	form a decim number.	nal number that gives
	1 5	8	9
	× ×		
		Ans.	

End of Paper



SECOND SEMESTRAL EXAMINATION 2018

PRIMARY 5

MATHEMATICS PAPER 2

Duration: 1 hour 30 minutes

INSTRUCTIONS TO PUPILS

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer all questions.
- 4. Write your answers in this booklet.
- 5. The use of an approved calculator is expected, where appropriate.

Name:	()	
Class: Primary 5 ()		
Parent's Signature:	Booklet A	/ 20
	Booklet B	/ 25
	Paper 2	/ 55
	Total	/ 100

Any query on marks awarded should be raised by <u>5 November 2018</u>. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Questions 1 to 5 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (10 marks)

Mr Wong had $8\frac{1}{5}$ kg of potatoes. He had $2\frac{11}{20}$ kg of potatoes more than Mrs Deva. How many kilograms of potatoes did they have altogether? Express your answer as a mixed number in its simplest form.

Ans: _____ kg

A jug contains 1¹/₃ ℓ of orange juice. How many litres of orange juice are there in 5 such jugs altogether? Express your answer as a mixed number in its simplest form.

Ans: _____

3 The table below shows the mass of newspapers collected by John, Siti and Julie but not Rose. The average mass of newspapers collected by these 4 pupils was 43 kg. What was the mass of newspapers collected by Rose?

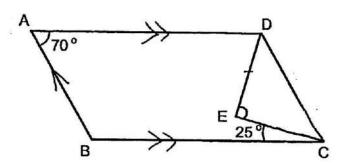
Pupil	John	Siti	Rose	Julie
Mass of newspapers collected	37 kg	49 kg	?	50 kg

A		8
Ans:	 	kg

4 Mr Ng deposits \$15 000 in Saver's Bank for one year. The bank gives an annual interest rate of 1.2%. How much money will he have in the bank at the end of one year?

Ans: \$_____

In the figure below, ABCD is a parallelogram and CDE is an isosceles triangle. DE = EC, \angle DAB = 70° and \angle BCE = 25°. Find \angle CED.



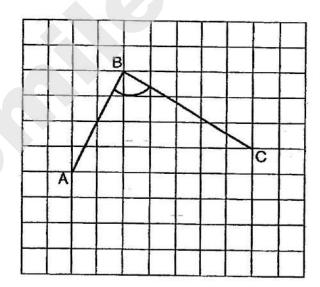
Ans:	

spac	uestions 6 to 17, show your wo es provided. The number of m nd of each question or part-que	narks available is shown in	
6	Kym saved a fixed amount of more than Kym every day. When Ansel saved \$104.50, Kym take to save \$90.10?	They started saving on	the same day.
w.		Ans:	[3]
7	There were 620 wrist bands. blue and the rest were black. black?	155 of them were red, 3 What percentage of the	
			14 58

The ratio of the number of Singapore stamps to the number of Thailand stamps to the number of Malaysia stamps is 9:6:4. There are 120 fewer Malaysia stamps than Singapore stamps. How many stamps are there altogether?

Ans:	[3]
	— [ა]

- 9 In the square grid below, AB and BC are straight lines.
 - (a) Measure and write down the size of ∠ABC.
 - (b) AB and BC form two sides of a parallelogram ABCD. Complete the drawing of parallelogram ABCD.



[2]

Ans: (a) ______[1

The average mass of a group of girls was 48 kg. After one boy who weighed 66 kg joined the group, the average mass of the group became 51 kg. Find number of girls in the group.

Ans:		[3]

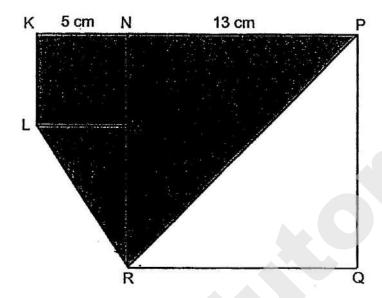
A shopkeeper had 49 boxes of staplers. Each box contained the same number of staplers. He took out all the staplers from 7 boxes and packed them into the rest of the boxes. Each of the rest of the boxes then had 12 more staplers than before. How many staplers did the shopkeeper have?

Ans:	[4]

There were some people in a hall. $\frac{2}{7}$ of them were men. There were 50 fewer men than women. There were 325 children. How many more children than women were there in the hall?

Ans:	I

13 In the figure below, KLMN and NRQP are squares. The length of KN is 5 cm and the length of NP is 13 cm. Find the total area of the shaded parts.



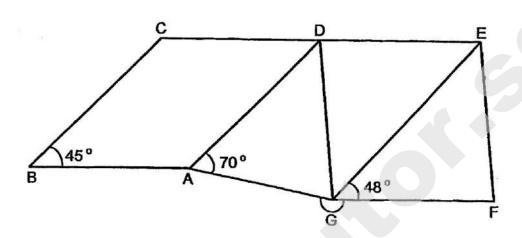
Ans:				[4
MIIO.	4		-2000	14

14 A tank was $\frac{1}{2}$ -filled with water at first. After 2 ℓ of water were poured into the tank, it became $\frac{2}{3}$ -filled with water. How much more water would be needed to fill the tank to its brim?

Device Control	
Ans:	[4
/ W10.	

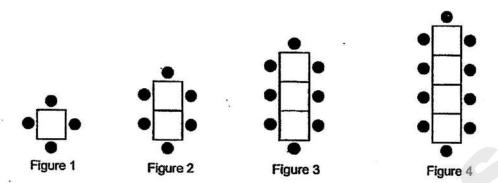
In the figure, ABCD is a parallelogram and DEFG is a rhombus.
CDE is a straight line. ∠ABC = 45°, ∠GAD = 70° and ∠FGE = 48°.

- (a) Find ∠ADG.
- (b) Find ∠AGF.



Ans:	(a)	_ [2]

John uses identical circles and identical squares to form figures that follow a pattern as shown below.



(a) The table shows the number of circles and squares for the first four figures. Complete the table for Figure 5.

Figure Number	1	2	3	4	5
Number of circles	4	6	8	10	
Number of squares	1	2	3	4	
Total number of circles and squares	5	8	11	14	

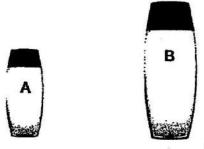
[1]

- (b) A figure in the pattern has a total of 35 circles and squares. What is the Figure Number?
- (c) Another figure in the pattern has 52 more circles than squares. What is the total number of circles and squares in this figure?

Ans:	(b)	Figure	[2]
	(c)		[2]

17 Last Sunday, Mrs Ho drove to a supermarket.

(a) She went there to buy hair shampoo. The hair shampoo was sold in two different sizes. Bottle A contained 300 millilitres of hair shampoo and was sold for \$12. Bottle B contained 700 millilitres of hair shampoo and was sold for \$21. Which bottle was cheaper per millilitre, A or B? How much cheaper was it per millilitre?



(b) Mrs Ho's car travelled 25 km on 1 litre of petrol. She drove 4.8 km from the supermarket to her house. How many litres of petrol were used for her car to travel 4.8 km?

Ans:	(a)	Bottle	[1]
		Amount:	[2]
	(b)		[2]
		-	

End of Paper

SCHOOL: NANYANG PRIMARY SCHOOL

LEVEL: PRIMARY 5

SUBJECT: MATH TERM: 2018 SA2

CONTACT:

PAPER 1 BOOKLET A

Q 1	Q2	- Q3	Q4	Q5	Q6	Q7	Q8	Q9 -	Q10
1	3	4	4	1	1	2	3	2	4

Q 11	Q12	Q13	Q14	Q15
2	3	4	3	1

PAPER 1 BOOKLET B

Q16)	26 + 14 = 40	
	$80 \div 40 = 2$	
	60 x 2 = 120	
	120 - 2 = 118	

Q18)
$$18 \div 2 = 9$$

9 x 6 = 54

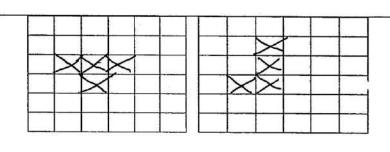
Q19)
$$180^{\circ} - 160^{\circ} = 20^{\circ}$$

 $20^{\circ} \div 2 = 10^{\circ}$

Q22)
$$1 \text{kg} = 1000 \text{g}$$

 $5/6 \times 2 = 10/12$
 $10/12 \div 2 = 5/12 \text{ kg}$

Q26)



Q27)
$$60 \div 2 = 30$$

$$90 - 30 = 60^{\circ}$$

PAPER 2

Q2)
$$11/3 \times 5 = 55/3 = 62/3$$

$$37 + 49 = 86$$

$$86 + 50 = 136$$

$$172 - 136 = 36 \text{ kg}$$

Q4)
$$$15000 \div 100 = $150$$

Q5)
$$70 - 25 = 45$$

$$180 - 45 - 45 = 90^{\circ}$$

Q6)
$$$104.50 - $90.10 = $14.40$$

$$$14.40 \div $0.80 = 18$$

Q7)
$$620 \div 100 = 6.2$$

$$620 - 155 - 372 = 93$$

$$93 \div 6.2 = 15\%$$

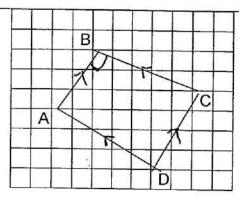
$$120 \div 5 = 24$$

$$9 + 6 = 15$$

$$15 + 4 = 19$$

$$24 \times 19 = 456$$

Q9)



ANS: 86

Q10)
$$51 - 48 = 3$$

$$66 \div 3 = 22$$

$$66 - 48 = 18$$

$$22 - 18 = 4$$

$$4 + 3 = 7$$

$$7 + 1 = 8$$

$$8 - 3 = 5$$

Q11)
$$49 - 7 = 42$$

$$42 \times 12 = 504$$

$$504 \div 7 = 72$$

$$72 \times 49 = 3528$$

Q12)
$$325 + 50 = 375$$

$$375 \div 3 = 125$$

$$125 \times 2 = 250$$

$$250 + 50 = 300$$

$$325 - 300 = 25$$

Q13)
$$13 \times 13 \times \frac{1}{2} = 84.5 \text{ (NPR)}$$

$$5 \times 5 - 25$$
 (KNLM)

$$13 - 5 = 8$$

$$8 \times 5 \times \frac{1}{2} = 20 \text{ (LMR)}$$

$$20 + 25 = 45$$

Q14)
$$4/6 - 3/6 = 1/6$$

$$1/6 \rightarrow 2$$

$$6/6 \rightarrow 2 \times 6 = 12$$

$$4/6 \rightarrow 2 \times 4 = 8$$

$$1 - 4/6 = 2/6$$

$$2/6 \rightarrow 2 \times 2 = 4L$$

Q15)
$$a)180 - 45 = 135$$

$$180 - 48 - 48 = 84$$

$$180 - 84 - 45 = 51^{\circ}$$

b)
$$180 - 70 - 51 = 59$$

	<u> </u>	
	360 - 59 - 48 - 48 = 205°	
Q16)	a)12,5,17	
	b) $35 - 2 = 33$	
	33 ÷3 = 11	
	c)52 - 2 = 50	
	50 + (50x2) + 2 = 152	
Q17)	a)Bottle B	
The second second	Amount: \$0.01	
8	b)0.192L	



RAFFLES GIRLS' PRIMARY SCHOOL SEMESTRAL ASSESSMENT 2 MATHEMATICS (PAPER 1) PRIMARY 5

Name:	(_)
Form Class: P5	Math Teacher:
Date: 24 October 2018	Duration: 1 hour
Your Paper 1 Score (Out of 45 marks)	
Your Paper 2 Score (Out of 55 marks)	
Your Total Score (Out of 100 marks)	
Parent's Signature	

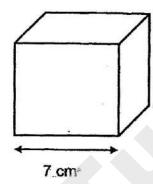
INSTRUCTIONS TO CANDIDATES

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer ALL questions and show all working clearly.
- 4. NO calculator is allowed for this paper.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided. All diagrams are not drawn to scale. (20 marks)

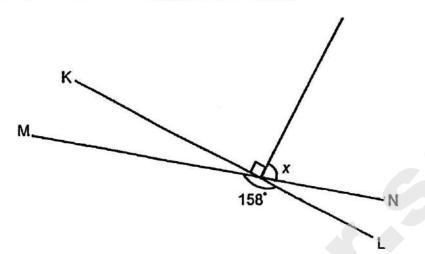
- 1. Find the value of 120 600 ÷ 60.
 - (1) 201
 - (2) 210
 - (3) 2010
 - (4) 2100
 - Which digit in 185-423 is in the hundredths place?
 - (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
 - Express 9020 ml in litres.
 - (1) 9.02 €
 - (2) 9.2 (
 - (3) 90.02 €
 - (4) 90.2 €
 - 4. Express $\frac{3}{8}$ as a decimal.
 - (1) 0.3
 - (2) 0.38
 - (3) 0.375
 - (4) 0.667

- 5. Find the value of $14 \times \frac{18}{7}$
 - (1) 9
 - (2) 18
 - (3) 36
 - (4) 126
- 6. What is the volume of the cube?



- (1) 21 cm³
- (2) 49 cm³
- (3) 294 cm³
- (4) 343 cm³

7. In the figure, KL and MN are straight lines. Find $\angle x$.



- (1) 22°
- (2) 68°
- (3) 112
- (4) 158*

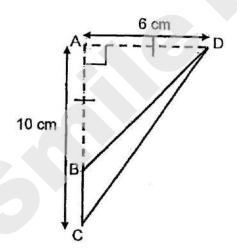
8. The average of 3 numbers is 27. What is the sum of all the numbers?

- (1) 3
- (2) 9
- (3) 30
- (4) 81

 Peter, Bala and Zoe shared 126 marbles in the ratio of 2:3:4. How many marbles did Bala get?

- (1) 14
- (2) 28
- (3) 42
- (4) 56

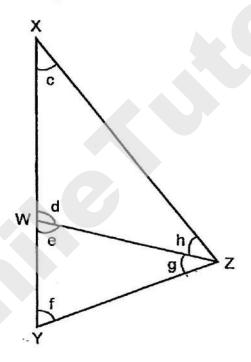
- 10. Express 48 cm as a percentage of 1.2 m.
 - (1) 40%
 - (2) 25%
 - (3) 2.5%
 - (4) 4%
- 11. Mrs Tan bought 70 kg of rice at \$2.85 per kg. How much did she pay?
 - (1) \$19.65
 - (2) \$19.95
 - (3) \$196.50
 - (4) \$199.50
- 12. In the figure, AD = AB. Find the area of triangle BCD.



- (1) 12 cm²
- (2) 24 cm²
- (3) 30 cm²
- (4) 60 cm²

Page 5 of 14

- 13. Amy has 3 times as much money as Charles. John has 2 times as much money as Amy. John has \$85 more than Charles. What is the total amount of money Charles and Amy have?
 - (1) \$17
 - (2) \$68
 - (3) \$153
 - (4) \$170
 - 14. In the figure, XYZ is a triangle. Which one of the following is not true?



- (1) $\angle d + \angle e = 180^{\circ}$
- (2) $\angle c + \angle f + \angle h = 180^{\circ}$
- (3) $\angle c + \angle d + \angle h = 180^{\circ}$
- (4) $\angle c + \angle f + \angle g + \angle h = 180^{\circ}$

- 15. Hui Hui participated in a race. The total distance she had to swim, cycle and run was $3\frac{1}{4}$ km. She cycled $1\frac{1}{4}$ km and ran $\frac{2}{3}$ of the remaining distance. What was the distance she ran?
 - (1) $\frac{1}{3}$ km
 - (2) $\frac{3}{4}$ km
 - (3) $1\frac{1}{3}$ km
 - (4) $2\frac{1}{6}$ km

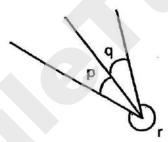
not	estions which require units, give your answ drawn to scale.	(5 marks
•	Find the value of $98 - 5 \times 2 + 6$.	
	•	
šii		
		Ans:
	Express 7.9 kg in grams.	
		Ans:
	100	
3.	6 children shared 4 pies equally among t did each child get? Give your answer in t	hemselves. What fraction of a pie
	3 3	
		2
		Ans:

Page 8 of 14

19. Find the value of $\frac{3}{4} + \frac{4}{7}$. Give your answer as a mixed number in the simplest form.



20. In the figure, $\angle p = \angle q = 38^{\circ}$. Find $\angle p$.



Ans: _____

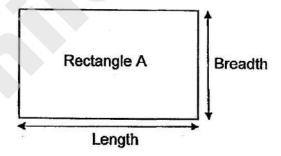
Questions 21 to 30 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale.

(20 marks)

21. 2000 people donated \$5.80 each to Children's Charity. The total sum of money was shared equally by 80 children to buy books. How much did each child receive?

Ans:	C.			
WIS.	D			

22. The ratio of the length of Rectangle A to its breadth is 9:6. The perimeter of the rectangle is 270 cm. What is the difference between the length and the breadth of the rectangle?



Ans:		cn
U19-		G

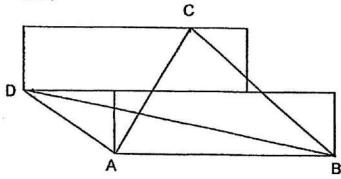
23.	There were 255 apples in Box A and Box B altogether. After 38 apples
	were transferred from Box Bito Box A; there were twice as many apples in
	Box B as Box A. How many apples were there in Box B at first?

Ans: _____

24. A rectangular plot of land measures 8 m long by $\frac{2}{5}$ m wide. An area of $\frac{9}{10}$ m² within the plot of land is used for plantation. Find the area of the plot of land that is not used for plantation. Express the answer in mixed number.

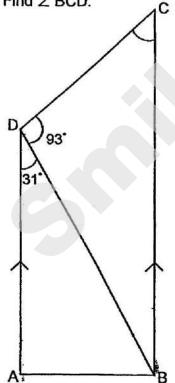
Ans: _____ m²

25. The figure is made up of triangle ABC, triangle ABD and 2 identical rectangles. The area of triangle ABC is 36 cm². What is the area of triangle ABD?



Ans:	cm
A 46 6 FEE	OIII

26. In the figure, ABCD is a trapezium. \angle ADB = 31° and \angle BDC = 93°. Find \angle BCD.



Ans:		- 7
	·	_

27.	There were 400 books in a library. 40% of them were borrowed. After that, 68 books were returned. How many books were there in the library in the end?
	Ans:
20	
28.	Mrs Maju needs 8 litres of petrol to drive a distance of 120 km. A litre of petrol
	costs \$2.08. How much will Mrs Maju need to pay for petrol to drive 300 km?
	Ans: \$

Page 13 of 14

29.	Shanti and Rachel shared a sum of \$120. Shanti had \$48 more than Rachel.
	What was the ratio of the amount of money Rachel had to the amount of
	money Shanti had? Give your answer in the simplest form.

Ans:			
Alio.			

30. Meili had blue, green and yellow marbles in a box. $\frac{3}{7}$ of the marbles were blue. $\frac{4}{14}$ of the marbles were yellow and the rest of the marbles were green. She gave

away some of the blue marbles and there were more remaining blue marbles than those that were given away.

Based on the information above, put a tick in the correct box.

	True	False	Impossible to tell
 a) There were more yellow marbles than green marbles. 			
b) There was an equal number of remaining blue marbles and green marbles.			

End of Paper

© Please check your work carefully ©



RAFFLES GIRLS' PRIMARY SCHOOL SEMESTRAL ASSESSMENT 2 MATHEMATICS (PAPER 2) PRIMARY 5

Name:	()
Form class: P5	Math Teacher :
Date: 24 October 2018	Duration: 1 h 30 min

INSTRUCTIONS TO CANDIDATES

- 1. Do not turn over this page until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Answer ALL questions and show all working clearly.
- 4. The use of calculator is allowed for this paper.

Questions 1 to 5 carry 2 marks each. Show your working	clearly in the space
provided for each question and write your answers in the	
For questions which require units, give your answers in t	
All diagrams are not drawn to scale.	(10 marks)

1.	A fruit seller had 72 $\frac{1}{2}$ kg of durians. He sold $\frac{2}{3}$ of them on Saturday. How
	many kilograms of durians did he have left? Express the answer in mixed
	number.

Ans		kg	m
Willo		KU	12

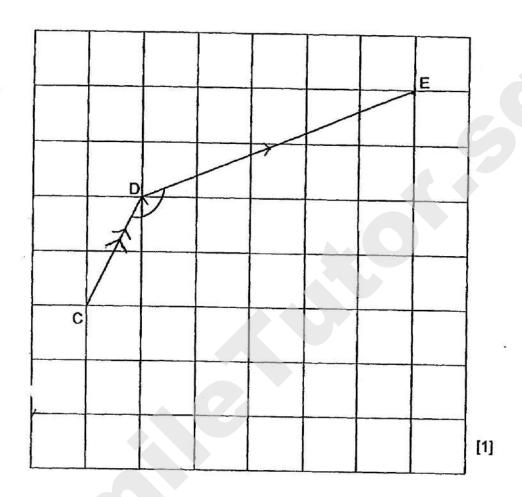
2. Jeff has an equal number of thirty-cent and fifty-cent stamps. The total value of the stamps is \$33.60. How many fifty-cent stamps does he have?

Ana		[2]
Ans	•	[2]

3. In the square grid, CD and DE form two sides of a parallelogram CDEF.

a) Measure and write down the size of ∠ CDE.

b) Complete the drawing of parallelogram CDEF.



Ans: a) _______°[1]

4.	What was the cost of the oven before the GST?				

5. The airmail rates to New Zealand is shown in the table.

Mass Step Not Over	Cost
30 g	\$1.65
Per additional 5 g or part thereof	\$0.20

Wendy sent a letter of 37 g to New Zealand. How much did she pay?

	^	***
Ans:	\$	[2]
	·	

For questions 6 to 17, show your working clearly in the question and write your answers in the spaces provide	space provided for each
The number of marks available is shown in brackets [or part-question. All diagrams are not drawn to scale.	a.] at the end of each question (45 marks)

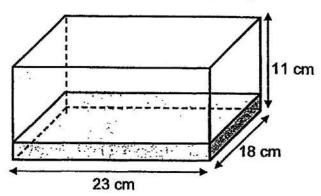
6. 426 stickers are shared among Annie, Bala and Siti. Siti gets 20 stickers more than Bala. Annie gets 35 stickers less than Bala. How many stickers does Annie receive?

Ans	•	(21
WIID		[3]

7. Kelly spent $\frac{1}{5}$ of her money on 7 notebooks and 4 pens. The cost of each notebook is 2 times the cost of each pen. She bought some more pens with $\frac{3}{10}$ of her money. How many pens did she buy altogether?

Ans: _____ [3]

8. A rectangular tank measuring 23 cm long, 18 cm wide and 11 cm high contains 0.828 of water. How much more water has to be added so that the height of water is 2 cm from the top of the tank? Express your answer in litres.

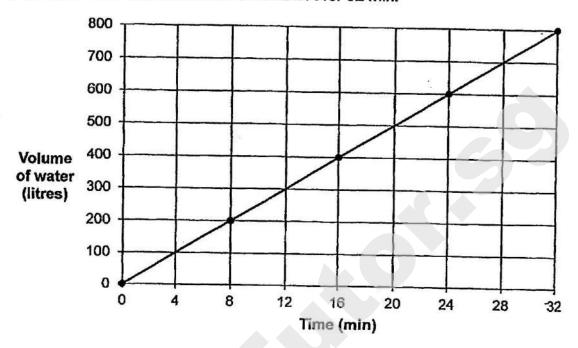


Ans:	_ 9	[3]
/ III		[v]

9. Yi Hern bought some red, green and blue markers. $\frac{1}{4}$ of them were red and $\frac{4}{9}$ of the remaining markers were green. There were 60 blue markers. How many markers did he buy in all?

Ana.	0.00	21
Ans:	 	3

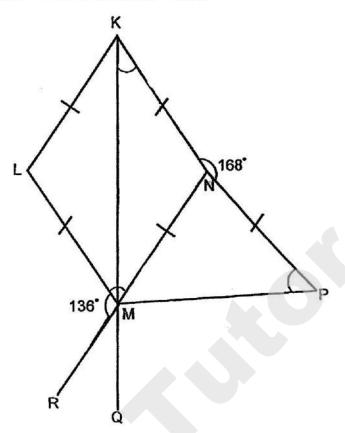
10. Joanna turned on a tap to fill an empty tank with water. The volume of the tank was 850 \(\ell \). She turned off the tap after 32 min. The line graph shows the volume of water in the tank over 32 min.



- a) How many litres of water flowed into the tank in one minute?
- b) How long does it take to fill half the tank with water?

Ans: a)	[1
b)	12

11. In the figure, KLMN is a rhombus. RMN and QMK are straight lines and MN = NP. ∠ KNP = 168° and ∠RML = 136°.



- a) Find ∠ MKN.
- b) Find ∠ MPN.

Ans:	(a)	 2]

Sale! Buy 4 pens Get another 1 free

During the sale, Lee Ching went to the store to get a total of 31 pens for her pupils and she spent \$15 for the purchase.

- a) What was the original price of one pen?
- b) The next day, she found out she needed 8 more pens. How much money would she need to spend to get 8 more pens?

Ans: a)	[2]
b)	ľ.	21

13. Rama was getting some items for the new school year. First, he bought some textbooks with \$8 more than \(\frac{1}{3}\) of his money. Next, he bought his stationery with \$12.20 less than \(\frac{1}{2}\) of his remaining money. Lastly, he bought some school socks with \$2.80 more than \(\frac{1}{2}\) of the money left. Then, he had \$15.40 with him. How much money did he have at first?

Ans:			_[4]
	 	-	

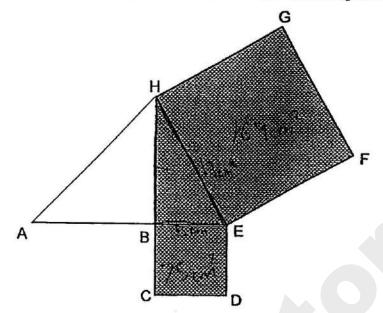
14.	Ali measured and recorded the mass of some lobsters. The average mass of the lobsters recorded by him was 3.925 kg. The actual average mass of the lobsters was 3.625 kg. Ali had recorded the mass of one of the lobsters as 5.2 kg when it should be 2.5 kg. How many lobsters were there?
	Ans:[4]

Page 11 of 14

- 15. Jonas had some money in the bank at the beginning of the year. The bank paid 2% interest at the end of each year. At the end of one year, Jonas had \$5610 after receiving the interest.
- a) How much did Jonas have at the beginning of the year?
- b) Jonas took out 40% of the money after receiving the interest at the end of the year. He bought a refrigerator at a 15% discount. What was the original price of the refrigerator?

Ans: (a)	[1]
*	
(b)	[3]

16. The figure is made up of two squares and two triangles. The area of square BCDE is 25 cm², the area of square EFGH is 169 cm² and the area of isosceles triangle ABH is 72 cm². AB = BH. ABE and HBC are straight lines.



- a) Find the area of the triangle BHE.
- b) Find the perimeter of the shaded area.

Ans: (a)	[3]
(b)	[2]

- 17. There were 2 boxes of coins. Each box contained both twenty-cent coins and one-dollar coins. The ratio of the number of twenty-cent coins to the number of one-dollar coins in Box A was 1: 2. Louise took out 5 one-dollar coins from Box A and exchanged them for twenty-cent coins. Then she put the twenty-cent coins into Box A. There were 40 twenty-cent coins in Box A in the end.
- a) How many twenty-cent coins did Louise put into Box A?
- b) After the exchange, the ratio of the total value of coins in Box A to the total value of coins in Box B was 5: 4. What was the smallest possible number of coins in Box B?

Ans: (a)	[2	2]
(b)	rs	31

End of Paper

© Please check your work carefully ©

SCHOOL :

RAFFLES GIRLS' PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

MATH

TERM

2018 SA2

CONTACT:

PAPER 1 BOOKLET A

Q 1	- Q2	Q3	Q4	Q5	06	07	08	- 00 I	
3	2	1	3	3	4	2	4	3	1

Q 11	Q12	Q13	Q14	015
4	1	2	2	3

PAPER 1 BOOKLET B

Q16)	94
Q17)	7900 g
Q18)	2/3
Q19)	1 9/28
Q20)	2840
Q21)	5.8 x 2000 = 11600
	11600 ÷ 80 = 145
Q22)	9-6=3
350	9 + 6 = 15
	270 ÷ 2 = 135
	$135 \div 15 = 9$
	$9 \times 3 = 27$
Q23)	255 ÷ 3 = 85
	$85 \times 2 = 170$
	170 + 38 = 208
Q24)	8 x 2/5 = 16/5
	16/5 – 9/10 = 2 3/10
Q25)	36 ÷ 2 = 18 cm ²

Q26) $93^{\circ} + 31^{\circ} = 124^{\circ}$ $180^{\circ} - 124^{\circ} = 56^{\circ}$ Q27) 400 x 40/100 = 160 160 - 68 = 92400 - 92 = 308Q28) 120 ÷ 8 = 15 $300 \div 15 = 20$ $20 \times 2.08 = 41.60 Q29) 120 - 48 = 72 $72 \div 2 = 36$ 36 + 48 = 8436:84 3:7 Q30) a) False b) Impossible to tell

PAPER 2

Q1)
$$72 \frac{1}{2} \div 3 = 24 \frac{1}{6} \text{ kg}$$

Q2)
$$0.3 + 0.5 = 0.8$$

 $33.6 \div 0.8 = 42$



Q6)
$$35 \times 2 + 20 = 90$$

 $426 - 90 = 336$
 $336 \div 3 = 112$

```
Q7)
          2 \times 7 = 14
          14 + 4 = 18
          18 \div 2 = 9
          9 \times 3 = 27
          27 + 4 = 31
Q8)
          11 - 2 = 9
          9 \times 18 \times 23 = 3726
          3726 ml - 828 ml = 2898 ml
                                 = 2.898 L
Q9)
         \frac{1}{4} = \frac{3}{12}
         \frac{3}{4} \times \frac{4}{9} = \frac{1}{3}
          12 - 3 - 4 = 5
         60 \div 5 = 12
          12 \times 12 = 144
Q10)
              a) 100 \div 4 = 25
              b) 850 \div 2 = 425
                  425 - 25 = 400
                  16 + 1 = 17
Q11)
              a) 180^{\circ} - 136^{\circ} = 44^{\circ}
                  44^{\circ} \div 2 = 22^{\circ}
              b) 360^{\circ} - 136^{\circ} - 168^{\circ} = 56^{\circ}
                  (180^{\circ} - 56^{\circ}) \div 2 = 62^{\circ}
Q12)
              a) 6 \times 4 = 24
                  24 + 1 = 25
                  15 \div 25 = $0.60
              b) 8 - 1 = 7
                  7 \times 0.6 = $4.20
Q13) 2.8 x 15.4 = 18.2
         18.2 \times 2 = 36.4
         36.4 - 12.2 = 24.2
         24.2 \times 2 = 48.4
         48.4 + 8 = 56.4
         56.4 \div 2 = 28.2
         28.2 \times 3 = 84.60 (Ans: $84.60)
```

Q14)	3.925 kg - 3.625 kg = 0.300 kg	
	5.2 kg - 2.5 kg = 2.7 kg	
	$2.7 \text{ kg} \div 0.300 \text{ kg} = 9$	

Q17) a)
$$5 \div 0.2 = 25$$



ROSYTH SCHOOL 2018 SEMESTRAL ASSESSMENT 2 MATHEMATICS PAPER 1 PRIMARY 5

Name:	Register No
Class: Pr 5 -	,
Date: 30 th October 2018	Parent's Signature:
Total Time for Booklets A and B: 1 hour	

Booklet A

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Shade your answers in the Optical Answer Sheet (OAS) provided.
- 4. You are not allowed to use a calculator.
- 5. Answer all questions.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet A)	20	

^{*} This booklet consists of 6 pages (including this cover page)

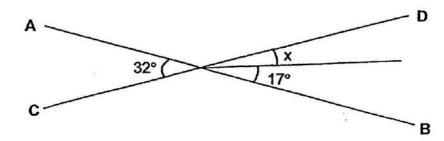
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

All diagrams in this paper are not drawn to scale unless stated otherwise.

(20 marks)

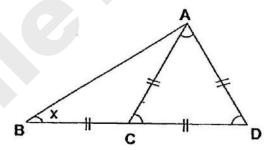
- 1. Which one of the following shows six million and fifty thousand?
 - (1) 6 000 050
 - (2) 6 000 500
 - (3) 6 005 000
 - (4) 6 050 000
- What is the value of the digit 8 in 1 980 524?
 - (1) 80
 - (2) 800
 - (3) 8 000
 - (4) 80 000
- 3. What is the missing value in $27 \div \square = 0.27$?
 - (1) 1
 - (2) 10
 - (3) 100
 - (4) 1 000
- 4. Janani has 5 pens and 2 erasers in her pencil case. What is the ratio of the number of pens to the number of erasers?
 - (1) 2:5
 - (2) 5:2
 - (3) 2:7
 - (4) 5:7

5. AB and CD are straight lines. Find ∠x.



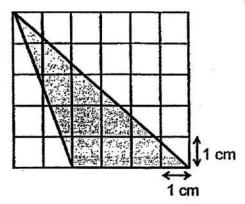
- (1) 15°
- (2) 17°
- (3) 32°
- (4) 148°

6. In the figure below, AC = BC. BCD is a straight line. Triangle ACD is an equilateral triangle. Find ∠x.



- (1) 20°
- (2) 30°
- (3) 60°
- (4) 120°

7. Calculate the area of the shaded triangle.



- (1) 5 cm²
- (2) 7 cm²
- (3) 10 cm²
- (4) 15 cm²
- 8. 2 litres of fruit juice was shared by 16 children. How many litres of fruit juice would each child receive?
 - (1) $\frac{1}{8}t$
 - $(2) \quad \frac{1}{4}\ell$
 - (3) 4 l
 - (4) 8 l
- 9. The diagram below shows different shapes of rectangles, triangles and circles. What percentage of all these shapes are triangle?



- (1) 20%
- (2) 50%
- (3) 40%
- (4) 6.0%

- 10. Ahmad scored an average of 74 marks for two tests. He scored 70 marks in his first test. How many marks did he score in his second test?
 - (1) 66
 - (2) 72
 - (3) 74
 - (4) 78

- 11. Mrs Sim bought a 2.15 kg bag of sugar. At the end of 5 days, she used up all the sugar. She used an equal amount of sugar each day. How much sugar did she use each day?
 - (1) 0.43 kg
 - (2) 0.403 kg
 - (3) 4.03 kg
 - (4) 4.30 kg
- 12. John attended an 8-hour camp during the school holidays. $\frac{1}{2}$ of the time was spent on drama activities. He spent $\frac{3}{4}$ h on lunch. The rest of the time was spent on craft activities. How much time was spent-on craft-activities?
 - (1) $\frac{1}{4}$ h
 - (2) $1\frac{1}{4}$ h
 - (3) $3\frac{1}{4}$ h
 - (4) $6\frac{3}{4}$ h

- 13. Mary packed some flour in packets. Each packet contained $\frac{1}{4}$ kg of flour. In the end, she had 6 packets and 70 g of flour left. How many grams of flour did she pack
 - (1) 1120 g
 - (2) 1500 g
 - (3) 1570 g
 - (4) 2200 g

- 14. The number of fifty-cent coins that Patricia has is twice the number of one-dollar coins. The total value of all the coins is \$120. How many fifty-cent coins does she have?
 - (1) 40
 - (2) 60
 - (3) 80
 - (4) 120
- 15. A cubical container of edge 10 cm was $\frac{3}{4}$ filled with water. $\frac{1}{4}$ of the water was poured out. How much water remained in the container?
 - (1) 187.5 cm³
 - (2) 500 cm³
 - (3) 562.5 cm³
 - (4) 750 cm³



ROSYTH SCHOOL 2018 SEMESTRAL ASSESSMENT 2 MATHEMATICS PAPER 1 PRIMARY 5

Name:	Register No.
Class: Pr 5	
Date: 30th October 2018	Parent's Signature:
Total Time for Booklets A and B: 1 hour	

Booklet B

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. You are not allowed to use a calculator.
- 4. Write your answers in the booklet.
- 5. Answer all questions.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet B)	25	

^{*} This booklet consists of 8 pages (including this cover page).

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. Do not write in this space All diagrams in this paper are not drawn to scale unless stated otherwise. (5 marks) 16. What is the value of Y? 5.6 Ans: What is the remainder when 7102 is divided by 7? 17. Ans: _ There were 8 pizzas. The children ate $\frac{4}{5}$ of the pizzas. How many pizzas 18. were left? Express your answer as a mixed number in its simplest form. Ans:

19. Triangle ABC is an isosceles triangle. Find the value of \angle BAC. Do not write in this space Ans: 20. Name the height of triangle BCF.

prov	estions 21 to 30 carry 2 marks each. Show your workings clearly in the space rided for each question and write your answers in the spaces provided. questions which require units, give your answers in the units stated.	Do not
All d	diagrams in this paper are not drawn to scale unless stated otherwise. (20 marks)	
th	here were two packets of flour on the table. Packet A had 300g more flour nan Packet B. 1.6 kg of flour was transferred from Packet B to Packet A. How nany more kilograms of flour did packet A have than Packet B?	
70		
	Ans: kg	
e: be	hamini and Mandy had some bookmarks. They bought 10 more bookmarks ach. After that, the number of bookmarks that Shamini had to the number of bookmarks Mandy had was 3:1. Mandy had 18 bookmarks in the end. How hany bookmarks did Shamini have at first?	
	Ans:	

23. The table below shows the number of students in each class in a kindergarten.

Class	A	В	С
Number of students	20	12	15

Do not write in this space

The average number of pencils owned by each pupil is 2. Find the total number of pencils owned by all the students in the kindergarten.

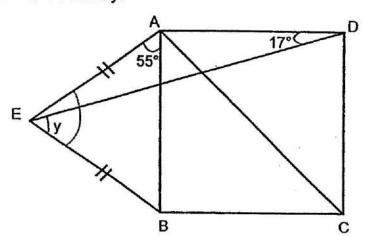
	1	i
	1	1
Ans:	i	

24. Mr Lim is 40 years old now. His son is 24 years younger than him. What will be their combined age three years later?

25.	The line AB is 8 cm long. Using the line AB given, construct triangle ABC such that ∠ABC = 38°. The line AB is equal to the line BC. Label the triangle.	Do not write in this space
		A ship in the same of the same
		V-P-
	А	
-		
26.	Mr Menon bought a sofa set which cost \$1200 before a GST of 7%. What was the amount of GST that he had to pay for the sofa set?	
14		
(*)		r1
	Ans: \$	
=	6 (Go on to the no	
(4)	(Go on to the nex	kt page)

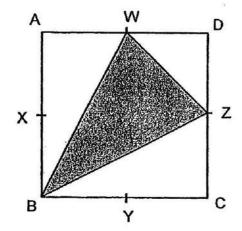
27. ABCD is a square. ABE is an isosceles triangle. ∠EAB = 55° and ∠ADE = 17°. Find ∠ y.

Do not write in this space



Ans:

W, X, Y and Z are the mid-points of the sides of a square ABCD. The area of the square is 64 cm², what is the area of the shaded triangle?



Ans: cm²

29.	The figure below is made up of 6 similar triangles. Find the total area of the figure.	Do not write in this space
-	Ans:cm²	
30.	Sarah folded a rectangular piece of paper, coloured on one side, to form Triangle ABC and Triangle ADE. Find ∠x. B Figure A C	

End of Booklet B Have you checked your work?



ROSYTH SCHOOL 2018 SEMESTRAL ASSESSMENT 2 MATHEMATICS PAPER 2 PRIMARY 5

Name:	Register No	-
Class: Pr 5		
Date: 30th Oct 2018	Parent's Signature:	4.42
Time: 1 h 30 min		

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. Show your workings clearly as marks are awarded for correct working.
- 4. Write your answers in this booklet.
- 5. You are allowed to use a calculator.
- 6. Answer all questions.

Questions	Maximum Mark	Marks Obtained
Q 1 to 5	10	
Q 6 to 17	45	

Section	Maximum Mark	Marks Obtained
Paper 1	45	
Paper 2	55	
Total	100	

^{*} This booklet consists of 15 pages (including this cover page)

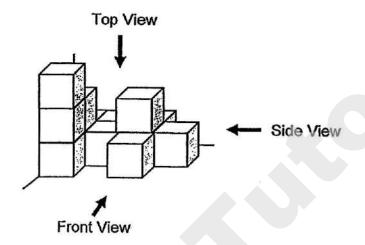
Questions 1 to 5 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

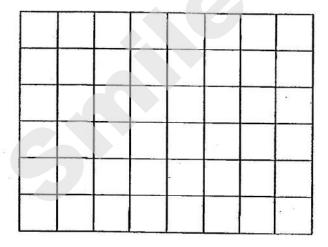
Do not write in this space

All diagrams in this paper are not drawn to scale unless stated otherwise.

(10 marks)

Draw the side view of the solid given below in the square grid.





2.	The table below shows the charges for a taxi ride.		
	First kilometre and up to the tenth kilometre	25 cents for every 400 metre or part thereof	
	After the tenth kilometre	30 cents	

2

Do not write in this spac

There is a fee of \$3.50 when a person boards the taxi. Peter boarded a taxi and travelled a distance of 8 km. How much did he pay for the ride in total?

for every 300 metre or part thereof

Ans: \$	
	1

Eason has 3 cards, each with a different whole number printed on it. 3. When he multiplies 2 numbers at a time, he gets the answers 24, 48, and 72. What is the answer when he multiplies all 3 numbers on the cards together?

Ans:

The table below shows the number of students who visited a bookshop from Monday to Friday in a week.

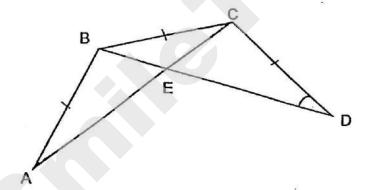
Do not write in this space

Monday	Tuesday	Wednesday	Thursday	Friday
82	96	60	70	?

The average number of students who visited the bookshop from Monday to Friday in that week was 74. How many students visited the bookshop on Friday?

Ans:	

 In the figure below, AEC and BED are straight lines. AB = BC = CD. ∠BAC is greater than 30° and ∠BEC is an obtuse angle.



Each statement below is true, false or not possible to tell from the information given. For each statement, put a tick (\checkmark) in the correct column.

Statement	True	False	Not possible to tell
Triangle BCD is an equilateral triangle.			
∠BAC = ∠CDB			

For Questions 6 to 17, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. For questions which require units, give your answers in the units stated.

Do not write in this spac

All diagrams in this paper are not drawn to scale unless stated otherwise.

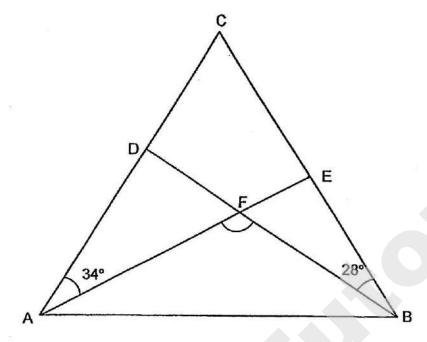
6. Mdm Rani baked some cookies and puffs. $\frac{2}{7}$ of what she had baked were cookies. $\frac{3}{4}$ of the cookies and $\frac{1}{6}$ of the puffs were sold. If the total number of cookies and puffs left was 64, how many cookies and puffs did she bake altogether?

Ans: _____[3]

5

Triangle ABC is an equilateral triangle. AE and BD are straight lines.
 Find ∠AFB.

Do not write in this space

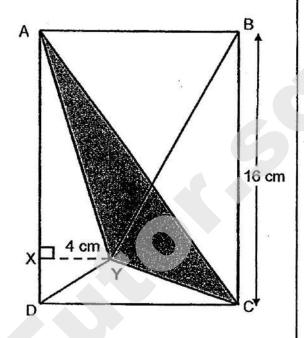


Ans: _____[3]

8.	52 pen	as 200 pencils and Sharon has some pens. After Sharon has given s to Liling, the ratio of the number of pencils and pens Liling has to the rof pens Sharon has is 4:1.	Do not write in this spac
	(a) (b)	What was the total number of pens and pencils Liling had in the end? What was the total number of pens and pencils Liling and Sharon had?	
	*		
			17.
		Ans: (a) [1]	
		(b) [3]	
9.	only 2 l total m and mi	s a bag of sugar, a bag of flour and a bag of milk powder. He weighs bags at a time. The total mass of the sugar and flour is 5.7 kg. The ass of the flour and milk powder is 6 kg. The total mass of the sugar k powder is 340 g. What is the total mass of the bags of sugar, flour k powder in kilograms?	
			1.80
		Ans:[3]	
(A) (A) (A)			
		7 (Go on to the next page 7)	age)

10. The figure below shows a rectangle ABCD. BC is 16 cm and XY is 4 cm. AY, BY, CY and DY are straight lines. The area of triangle CDY is 18 cm². The area of triangle ABY is 78 cm². Find the area of the shaded triangle ACY.

Do not write in this space

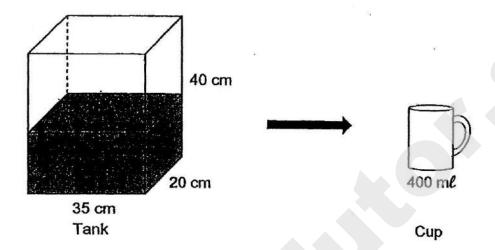


Ans:_____[3]

11. A rectangular tank measured 35 cm by 20 cm by 40 cm was $\frac{2}{5}$ filled with water. All the water was then poured into some cups. Each cup had a capacity of 400 m ℓ .

Do not write in this space

- (a) What was the volume of the water in the tank?
- (b) How many of such cups were filled completely?



Ans: (a) _____ [2]

(b) _____[1]

12.	A bo purch cook	ox of cookies cost \$3. A free box of cookies was given for every hase of 3 boxes of cookies. Don spent \$240 buying some boxes of ies.	Do not write in this space
	(a)	How many boxes of cookies did Don buy?	
	(b)	There were 12 cookies in each box. Don opened all the boxes and repacked the cookies into containers. There were 9 cookies in each container. How many containers did he use to pack all the cookies?	
	2.		
		9,90	
		Ans: (a) [2]	
		w .	

10

13.	Minah bought some books at an average price of \$22 each. Then she bought another 2 books for \$46 each and the average price became \$28. How many books did she buy altogether?	Do not write in this spac
	*	
		- 1
	Ans:[4]	

14.	Jun Xiang received 4 coins from a 10¢ or a 50¢ coin. Jun Xiang days. The total value of his coin	m his mother every day. Each coin was eithe g gave his younger sister two 50¢ coins every ins after 60 days was \$96.	Do not write in this space
	(a) How many coins did Ju	un Xiang have in the end?	
	(b) How many of the coins	s in the end were 50¢ coins?	
		Ans: (a) [3]	
		(b)[2]	

15. The table below shows the prices of some items sold in a bookshop.

Do not wri

Item	Price (\$)
Calculator	\$21
Protractor	\$0.40
Coloured pen (one box)	\$16
Highlighters (1 set of 6 pieces)	\$10.20

There was a storewide discount of 10% on all items in the bookshop. Weiming bought a calculator, 3 protractors and 2 sets of highlighters.

- (a) What was the total price of the items Weiming had bought after discount?
- (b) Inclusive of 7% of GST, how much did Weiming pay for the items? Give your answer correct to the nearest dollar.

Ans: (a)	[2]
7.1	

(b)	(C)
(v)	[2]

	- 1
	1
8	

Alynna signed up for a KTel monthly mobile subscription plan as shown below:

Do not write in this space

Usage	Rate	
Outgoing call first 100 minutes	FREE	
Outgoing call after first 100 minutes	15 cents per minute	
Data usage charges for first 1 GB	FREE	
Data usage charges after first 1 GB	\$8.50 per GB	

- (a) How much would Alynna have to pay if she made a total of 238 minutes of outgoing call?
- (b) How much data did Alynna use in all if she had to pay \$25.50 for the data charges?

5400	
a)	[2]
	a)

		ı
	(4)	l
		I

17.	used $\frac{3}{5}$ spent $\frac{1}{2}$	orked for a week from Monday to Friday and was paid \$7 per hour. He of the money he earned and an additional \$36 to buy some books. He of the remaining money and an additional \$20 on some stationery. He the \$32 that was left.	in this spa
	(a)	How much did he spend on the stationery?	
×	(b)	What was the total number of hours he had worked from Monday to Friday?	
2			

End of paper Have you checked your work?

Ans: (a)___

[3]

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. All diagrams in this paper are not drawn to scale unless stated otherwise. (20 marks)

- Which one of the following shows six million and fifty thousand? 000 000 9
 - 6 000 050 E 30 50 £
 - 6 000 500
 - 6 005 000 6 050 000
- What is the value of the digit 8 in 1 980 524? ٥i
- E 3 6 E
- 8 000

王

- 80 000
- What is the missing value in 27 + □ = 0.27? က
- 0.27= 23
 - £ 6 6 £

= 27 - 100

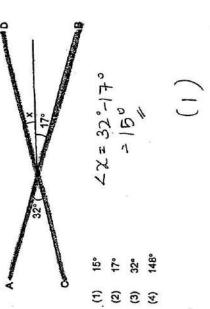
- 1 000
- Janani has 5 pens and 2 erasers in her pencil case. What is the ratio of the number \mathcal{E}
 - of pens to the number of erasers?
- 2:5 5:2

P . F

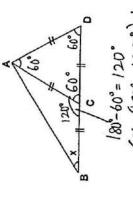
- 5:2 2:7 E 8 6 4

(Go on to the next page)

AB and CD are straight lines. Find Zx. ç,



In the figure below, AC = BC. BCD is a straight line. Triangle ACD is an equitateral triangle. Find $\angle x$.



<2 = ((80°-120°) ÷ 2
= 30°</pre>

.09

E B E E

œ 2 litres of fruit juice was shared by 16 children. How many litres of fruit juice would each child receive? \mathfrak{S} **B** 3 Calculate the area of the shaded triangle Œ ω 3 3 15 cm² 10 cm² 7 cm² 5 cm² 21十16 = 青1 9 2 x 4cm x 5cm = 10 cm2

The diagram below shows different shapes of rectangles, triangles and circles. What percentage of all these shapes are triangles?

9 B 3

40% 50%

(Go on to the next page)

Ahmad scored an average of 74 marks for two tests. He scored 70 marks in his first test. How many marks did he score in his second test? 74×2=148

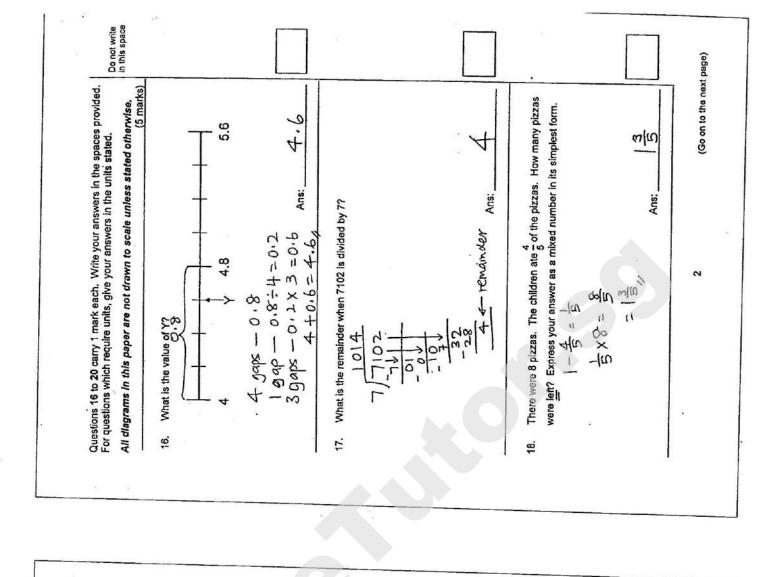
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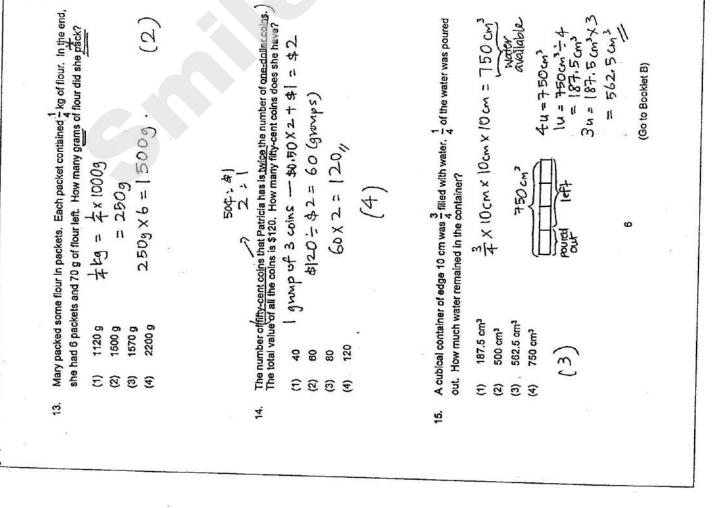
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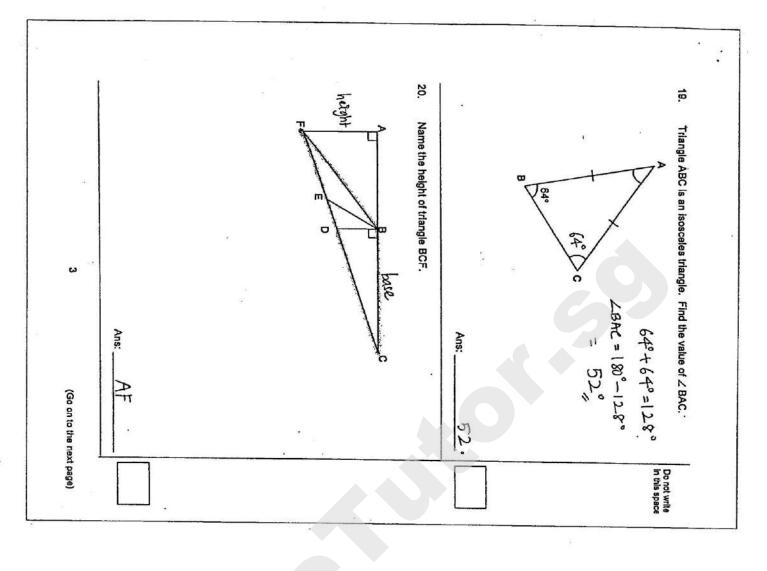
7 Mrs Sim bought a 2.15 kg bag of sugar. At the end of 5 days, she used up all the sugar. She used an equal amount of sugar each day. How much sugar did she use each day?

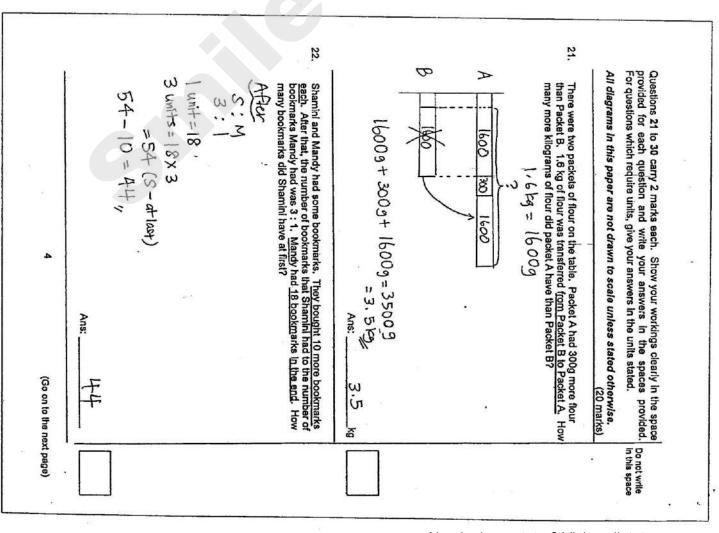
12 John attended an 8-hour camp during the school holidays. $\frac{1}{2}$ of the time was spent on drama activities. He spent $\frac{3}{4}$ h on lunch. The rest of the time was spent on craft activities. How much time was spent on craft activities?

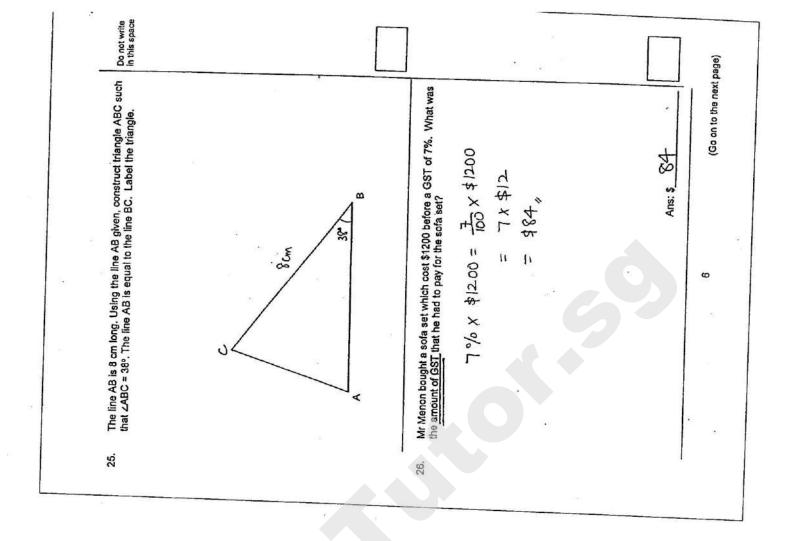
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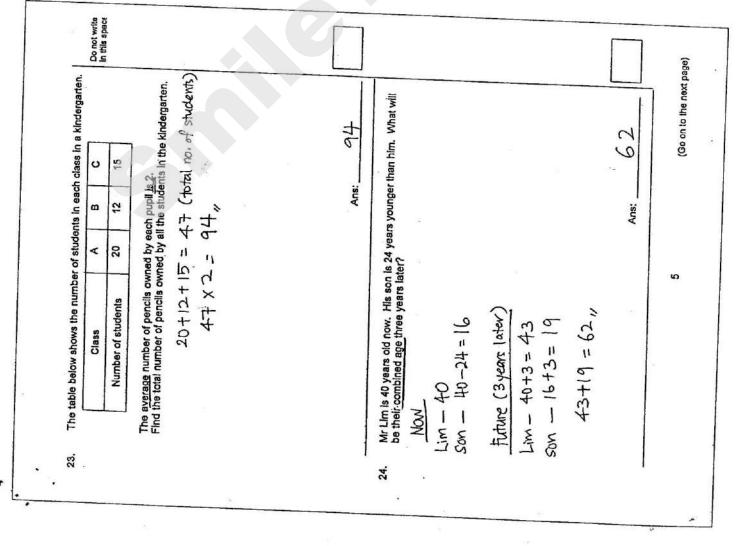


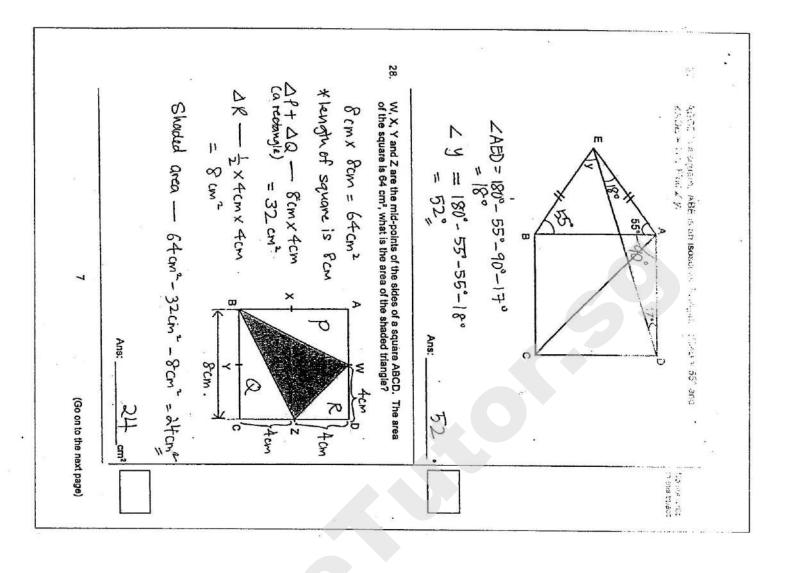


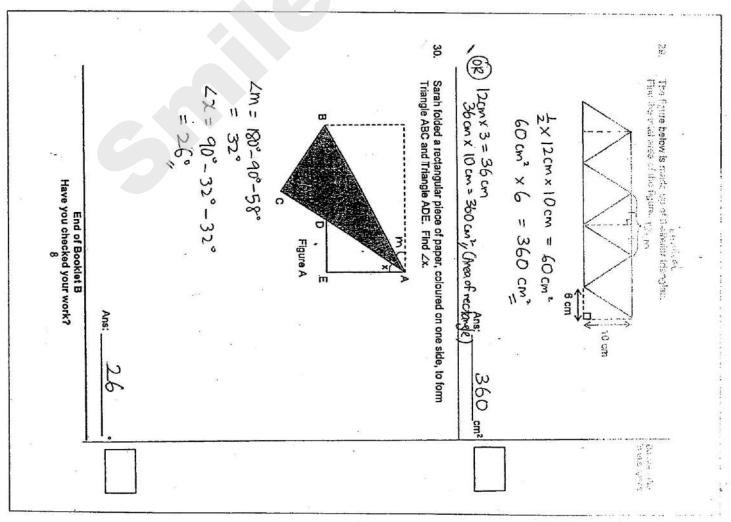












SCHOOL :

ROSYTH PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT:

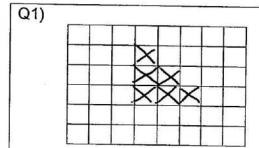
MATH

TERM

2018 SA2

CONTACT:

PAPER 2



$$12 \times 4 \times 6 = 288$$

```
14/42 \rightarrow 64 \div 2 = 32
        42/42 \rightarrow 32 \times 3 = 96
Q7)
        \angle EAB = 60° - 34° = 26°
        \angle FBA = 60° - 28° = 32°
        32^{\circ} + 26^{\circ} = 58^{\circ}
        \angle AFB = 180° - 58° = 122°
Q8)
        a)200 + 52 = 252
        b)4u = 252
           1u = 252 \div 4 = 63
           5u = 63 \times 5 = 315
Q9)
        5.7 \text{ kg} = 5700 \text{g}
        6kg = 6000g
        6000g + 5700g + 340g = 1240g
        1240g \div 2 = 6020g
        6020g = 6.02kg
Q10) Area of ½ the rectangle >78cm2 x 2 = 192 cm2
        Area of rectangle → 96cm2 x 2 = 192
        Breadth of rectangle→192cm2 ÷6 = 12cm
        Area of \triangle ABC \rightarrow \frac{1}{2} x 16cm x 12cm = 96cm2
        Area of \triangle ADY \rightarrow \frac{1}{2} x 16cm x 4cm = 53cm2
        Area of shaded △ ACY→192cm2 - 96cm2 - 32cm2 - 18cm2 = 46cm2
Q11) a)35 \times 20 \times 40 = 28000
          28000 \div 5 = 5600
          5600 x 2 = 11200 ml
        b)11200 \div400 = 28 such cups
Q12) a)240 \div 3 = 80
        b)80 \div 3 = 26 \ 2/3
          26 \times 1 = 26
          80 + 26 = 106
          106 x 12 = 1272
         1272 \div 9 = 141 \ 1/3
          141 + 1 = 142
Q13) 46 - 22 = 24
       24 + 24 = 48
       28 - 22 = 6
       48 \div 6 = 8
Q14) a)60 x 4 - 240
         60 \div 5 = 12
          12 \times 2 = 24
         240 - 24 = 216
       b)216 \times 0.50 = 108
```

	52 + 20 = 72 $350 \div 7 = 50$	
	70 x 5 = 350	
	140÷2 = 70	
	104 + 36 = 140	
	b)52 x 2 = 104	
G(11)	52 + 20 = 52 52 + 20 = 72	
Q17)	1GB + 3 GB = 4GB a)32 + 20 = 52	
	AMAZINE MAZINE M	
	b) $$25.50 \div $8.50 = 3$	
	\$0.15 x 138 = \$20.70	
Q16)	a)238 min – 100 min = 138 min	
	0.3834 x 107 ≈ \$41	n complex services is
	b)38 .34 \div 100 = 0.3834	
	19.98 + 18.36 = \$38.34	
Q 10)	9.18 x 2 = 18.36	
O15)	$a)18.90 + 0.36 \times 3 = 19.98$	
	216 – 30 = 186	
	$12 \div 0.40 = 30$	
	108 – 96 = 12	



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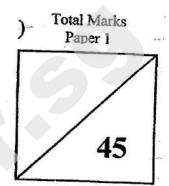
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	62500	

Level : Primary Five

Class : Primary 5

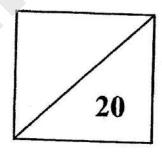
Date : 26 October 2018

Setters : Mdm V Sajini and Mr Susiayanto



SEMESTRAL ASSESSMENT 2 2018 MATHEMATICS

PAPER 1 BOOKLET A

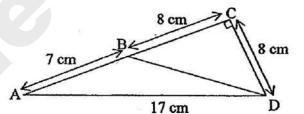


TOTAL TIME FOR PAPER 1 (BOOKLETS A & B): 1 hour

- 30 questions
- 45 marks
- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.
- YOU ARE <u>NOT</u> ALLOWED TO USE A CALCULATOR.

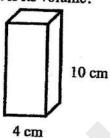
Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3 or 4) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. (20 marks)

- There were 124 095 visitors to a museum last year. Round this number to the nearest thousand.
 - (1) 100 000
 - (2) 120 000
 - (3) 124 000
 - (4) 125 000
- 2. A carton of canned drinks costs \$9.60. How much would Alan have to pay for 30 such cartons?
 - (1) \$27.80
 - (2) \$28.80
 - (3) \$278
 - (4) \$288
- 3. In the figure below, AC, AD and CD are straight lines. What is the area of triangle ABD?
 - (1) 68 cm²
 - (2) 60 cm²
 - (3) 56 cm²
 - (4) 28 cm²



- 4. Express 1.05 kg in grammes.
 - (1) 10.5 g
 - (2) 105 g
 - (3) 1005 g
 - (4) 1050 g
- 5. 64.4 ÷ 4000 = ?
 - (1) $64.4 \div 4 \div 4000$
 - (2) 64.4 ÷ 40 ÷ 100
 - (3) $6.44 \div 4 \div 1000$
 - (4) 6.44 ÷ 40 ÷ 100

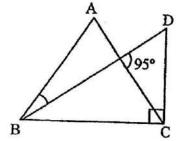
- 6. A solid cuboid of height 10 cm has a square base of side 4 cm. What is its volume?
 - (1) 40 cm³
 - (2) 160 cm³
 - (3) 320 cm³
 - (4) 400 cm³



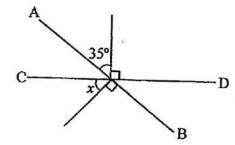
- 7. 18 out of 40 pupils in a class like to swim. What percentage of the pupils do not like to swim?
 - (1) 22 %
 - (2) 45 %
 - (3) 55 %
 - (4) 78 %
- In the figure below, ABC is an equilateral triangle and BCD is a right-angled triangle. Find
 ∠ABD.



- (2) 35°
- (3) 45°
- (4) 60°



- 9. In a cinema, there are 54 men, 30 women and 18 children. What is the ratio of the number of women to the number of men? Give your answer in the simplest form.
 - (1) 3:5
 - (2) 5:3
 - (3) 5:9
 - (4) 9:5
- 10. In the figure below, AB and CD are straight lines. Find $\angle x$.
 - (1) 145°
 - (2) 125°
 - (3) 55°
 - (4) 35°

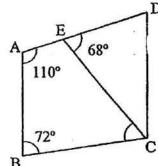


11. The table below shows the number of people who signed up for a health talk. The number of people who signed up for the talk on Friday was twice the number of people who signed up for the talk on Thursday.

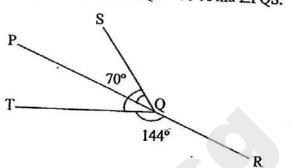
Day	Monday	Tuesday	Wednesday	Thursday	Friday
Number of people	0	30	45	?	?

The average number of people who signed up for the health talk was 48. Find the number of people who signed up for the talk on Thursday.

- (1) 39
- (2) 55
- (3) 78
- (4) 110
- 12. A rope was cut into two pieces. The length of the first piece was 3.08 m. The second piece was thrice as long as the first piece. Find the total length of the rope before it was cut.
 - (1) 9.24 m
 - (2) 9.54 m
 - (3) 12.32 m
 - (4) 12.72 m
- 13. Which one of the following fractions is nearest to $\frac{1}{4}$?
 - (1) $\frac{3}{8}$
 - (2) $\frac{1}{6}$
 - (3) $\frac{2}{3}$
 - (4) $\frac{1}{5}$
- 14. In the figure below, ABCD is a trapezium and AB is parallel to DC. ∠ABC = 72°, ∠CED = 68° and ∠BAE = 110°. Find ∠BCE.
 - (1) 42°
 - (2) 66°
 - (3) 70°
 - (4) 108°



- 15. In the figure below, PQR is a straight line. $\angle RQT = 144^{\circ}$ and $\angle SQT = 70^{\circ}$. Find $\angle PQS$.
 - (1) 34°
 - (2) 36°
 - (3) 74°
 - (4) 110°



End of Paper 1 Booklet A



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Name	:		()
Level	:	Primary Five		, , , ,

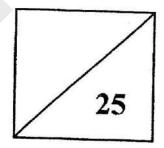
Class : Primary 5

Date : 26 October 2018

Setters : Mdm V Sajini and Mr Susiayanto

SEMESTRAL ASSESSMENT 2 2018 MATHEMATICS

PAPER 1 BOOKLET B



TOTAL TIME FOR PAPER 1 (BOOKLETS A & B): 1 hour 30 questions 45 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.
- YOU ARE NOT ALLOWED TO USE A CALCULATOR.

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided	. For questions
which require units, give your answers in the units stated	(5 marks)

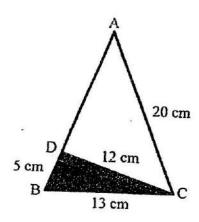
16. What is the remainder when 628 is divided by 9?



17. Write down the common multiple of 8 and 4 that is nearest to 89.

Ans: _____

18. In Triangle ABC shown below, AB = AC = 20 cm, BC = 13 cm, BD = 5 cm and CD = 12 cm. Find the area of the unshaded part.



Ans:	100
VIII2"	?
	cm-

 A piece of wire is 22.7 cm long. It is bent to form a square. Find the length of each side of the square, correct to 1 decimal place.

Ans: _____ cm

20. A car uses 9 litres of petrol to travel 126 km. At this rate, how far can the car travel with 15 litres of petrol?

Ans: ____km

Questions 21 to 30 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

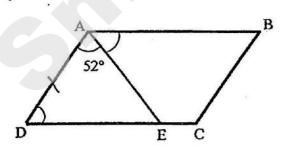
(20 marks)

- 21. (a) Draw a triangle ABC in which AB = 6 cm, ∠ABC = 110° and ∠BAC = 30°. Label points B and C on the figure.
 - (b) Measure and write down the length of BC.



Ans: (b) _____ cm

22. In the figure below, ABCD is a parallelogram and AED is an isosceles triangle. ∠DAE = 52°. Find ∠EAB.



Ans: _____

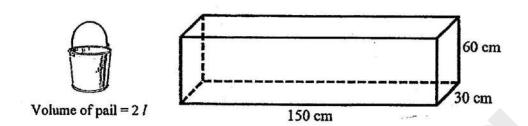
23.	The ratio of the number of pupils who wear watches to the number of pupils who do not wear watches in a class is 7:12. If 14 pupils wear watches, how many pupils are there in the class?

Ans:

24. Ron paid \$14 for a book and 4 pens. The price of each pen was $\frac{5}{8}$ the price of the book. How much did Ron pay for the book?

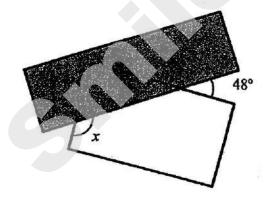
Ans: \$____

25. How many pails of water are needed to fill up the container completely?



Ans:			

26. Two rectangular pieces of paper are placed overlapping each other as shown below. Find $\angle x$.



Ans:			
	111111111111		

27. The table below shows the number of Primary 5 pupils who take the school bus to school.

	Pupils who take school bus	Pupils who do not take school bus
Boys	90	103
Girls	95	72
Total	185	175

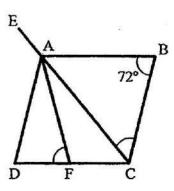
What percentage of the Primary 5 pupils are girls who do not take the school bus?

Ans:	120
ruis.	%
	/

28. A group of 9 children participated in a game that allowed 6 players to play at any one time. The game lasted for 1 hour and each child played for the same amount of time. What was the average playing time for each child in minutes?

Ans:	min
	100000000000000000000000000000000000000

29. ABCD is a rhombus. AF and CE are straight lines. ∠ABC = 72°. ∠CAF = ∠FAD. Find ∠AFD.



Ans: _____

30. James has some red, blue and green marbles. $\frac{3}{4}$ of the marbles are red. $\frac{2}{5}$ of the remaining marbles are blue. What fraction of the marbles are green?



RULANG PRIMARY SCHOOL

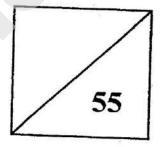
Nurturing Competencies, Inspiring Excellence, Empowering Individuals
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Name	:	()	Total Marks
Level	:	Primary Five	Í.	Papers 1 & 2
Class	:	Primary 5		
Date	:	26 October 2018	26	100
Setters	:	Mdm V Sajini and Mr Susiayanto		100

SEMESTRAL ASSESSMENT 2 2018 MATHEMATICS

PAPER 2



TOTAL TIME FOR PAPER 2: 1 hour 30 minutes 17 questions

55 marks

- DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
- READ ALL THE INSTRUCTIONS CAREFULLY.
- ANSWER ALL THE QUESTIONS.
- YOU ARE ALLOWED TO USE A CALCULATOR.

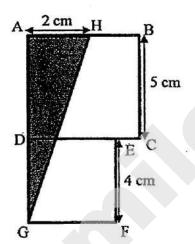
Questions 1 to 5 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

 Edmund is twice as old as Fred. Fred is 5 times as old as Greg. Greg is 3 years old. What is the difference between Edmund's age and Greg's age?



2. The figure below is made up of 2 squares, ABCD and DEFG. AGH is a triangle. Find the area of the unshaded part.



Ans: _____ cm²

3. The mass of a newborn puppy was 1.45 kg. The mass of the puppy increased by an average of 115 g per month. What was the mass of the puppy one year later?

Ans:	l l	g

4. The actual masses of two wooden boxes, A and B, are decimals with 2 decimal places. When the masses of both boxes are rounded to 1 decimal place, the mass of Box A is 13.6 kg while the mass of Box B is 16.8 kg.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (1) in the correct column.

Statement	True	False	Not possible
The greatest possible difference between the actual masses of these two boxes is 3.29 kg.			to tell
The average mass of the two wooden boxes can be 15.24 kg.			

The table below shows the fare rates of a taxi service.

150

Distance travelled	Rate
For the 1 st km or less	\$3
Every 400 m thereafter or less up to 8 km	\$0.23
Every 200 m thereafter or less after 8 km	\$0.20
Airport Surcharge	\$3

Mr Tay boarded a taxi at the airport and headed for home which was 10 km away. How much taxi fare did Mr Tay pay?

Ans:	\$

For Questions 6 to 17, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets [] at the end of each question or part-question.

(45 marks)

6. Mrs Lee baked a cake. She gave ²/₅ of the cake to a friend and kept ¹/₃ of it for her children. She ate ¹/₄ of the remaining cake. What fraction of the cake was left?
 (Give your answer in the simplest form.)

Y. A.Y.	
Ans:	[3]
4 1110.	13

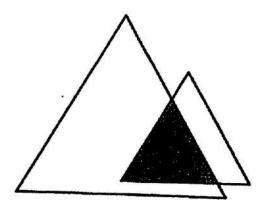
7. Ali, Benny and Charles had 255 stamps altogether. Ali gave $\frac{3}{8}$ of his stamps to Benny and $\frac{1}{5}$ of them to Charles. After that, all the three boys had the same number of stamps. How many more stamps did Charles have than Benny at first?

A	
Ans:	[2
	Į,

- 8. A rectangular tank measuring 60 cm by 40 cm by 30 cm is filled with water to a depth of 16 cm.
 - (a) How much water is in the tank?
 - (b) How much more water is needed to fill up the tank completely?

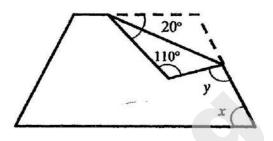
Ans:	(a)	[1]
si s	(b)	[2]

9. The figure below is made up of 2 triangles of different sizes. The ratio of the unshaded area of the smaller triangle to its shaded area is 5: 6. The ratio of the unshaded area of the bigger triangle to its shaded area is 7: 2. Given that the area of the shaded part is 24 cm², what is the unshaded area of the bigger triangle?



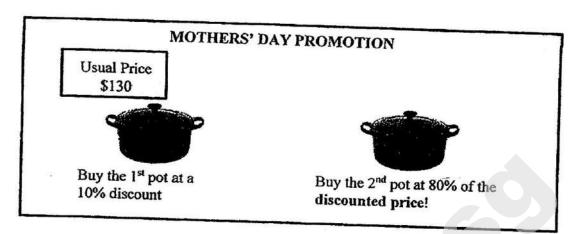
Ano.	
Ans:	[3]
	[2]

- 10. A piece of paper in the shape of a trapezium is folded on one side as shown below.
 - (a) Find ∠x.
 - (b) Find ∠y.



Ans: (a) [1]

(b) [2

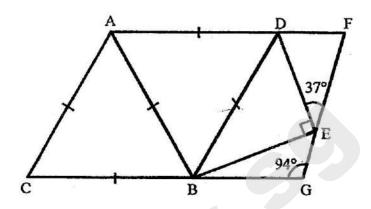


Mrs Raju bought two pots during the abovementioned promotion. How much did she pay for the 2^{nd} pot?

Ans:		
Aus.	Name and the second sec	[3]
		[2]

12. In the figure below, ABC and ABD are equilateral triangles. BDE is a right-angled triangle. BG, DF and GEF are straight lines.

- (a) Find ∠BEG
- (b) Find ∠BDE.



Ans: (a) [2]

(b) [2]

- James, Peter and Sean shared a sum of money in the ratio 5:8:12. Sean received \$248 more 13.
 - How much more money did Sean receive than James? (a)
 - Find the total sum of money the three boys shared. (b)

		•	
Ans:	(a)		[2]
	(b)		[2]

A shopkeeper bought 143.4 kg of flour. He packed the flour into 37 packets of 1.5 kg each. Then he packed the remaining flour into packets of 750 g each. How much flour was left 14. unpacked in the end? (Give your answer in kilogrammes.)

15. The price of a watch in Shop A was \$300. The price of a similar watch in Shop B was \$350. A discount of 18% was given by both shops during the Great Singapore Sale. GST was 7% of the discounted price at both shops.

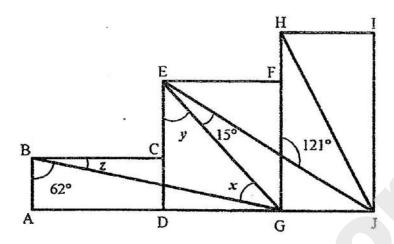
(a) How much was the GST on the watch sold in Shop A?

(b) Jason bought the watch from Shop B. How much did he pay for the watch, inclusive of GST?

Ans:	(a)	[1]
	(b)	[4]

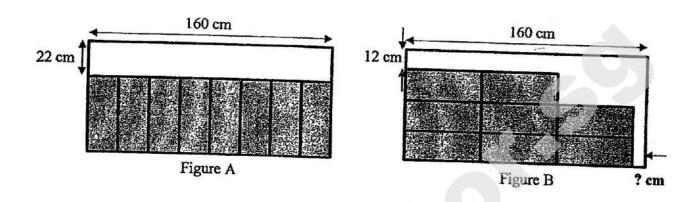
In the figure below, ABCD, DEFG and GHIJ are 3 different rectangles. BG, EG, EJ and HJ
are straight lines.

- (a) Find $\angle x$
- (b) Find the sum of $\angle x$, $\angle y$ and $\angle z$.



Ans:	(a)	. [2]

17. Eight identical rectangular parcels are to be packed into a rectangular crate 160 cm long. Two possible arrangements are shown below. The first arrangement shown in Figure A leaves a 22-cm gap at the top. The second arrangement shown in Figure B leaves a 12-cm gap at the top and another gap at the side. What is the length of the gap at the side in the second arrangement?



•	
Ans :	[5]
	[]

SCHOOL :

RULANG PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT :

MATH

TERM

2018 SA2

CONTACT:

PAPER 1 BOOKLET A

8

Q1 Q2	03 04			
3 4	4 4	<u> </u>	Q7 Q8	9 010
		2 2	3 1	3 1

Q 11	Q12	Q13	014	045
2	3	4	2	4
				1 1

PAPER 1 BOOKLET B

5) 7		
7) 88	A. A	
90		_
) 5.7cm		
	**	
128÷ 2 = 64		1
180 - 64 = 116		1
$116 - 52 = 64^{\circ}$		1
14 ÷7 = 2		
12 + 7 = 19		1
$19 \times 2 = 38$		1
5 x 4 = 20		
20 + 8 = 28		1
$14 \div 28 = 0.5$		
$0.5 \times 8 = 4		
$150 \times 30 \times 60 = 270000$		
270000 cm3 = 270L		
$270 \div 2 = 135$		60
48 + 90 = 138		
180 - 138 = 42		
180 - 42 = 138		
֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	7) 88 8) 90 3) 5.7cm 210 km 4.7 cm 180 - 52 = 128 128÷ 2 = 64 180 - 64 = 116 116 - 52 = 64° 14 ÷ 7 = 2 12 + 7 = 19 19 x 2 = 38 5 x 4 = 20 20 + 8 = 28 14 ÷ 28 = 0.5 0.5 x 8 = \$4 150 x 30 x 60 = 270000 270000 cm3 = 270L 270 ÷ 2 = 135 48 + 90 = 138 180 - 138 = 42	7) 88 A) 90 5.7cm 210 km 180 - 52 = 128 128 ÷ 2 = 64 180 - 64 = 116 116 - 52 = 64° 14 ÷ 7 = 2 12 + 7 = 19 19 x 2 = 38 5 x 4 = 20 20 + 8 = 28 14 ÷ 28 = 0.5 0.5 x 8 = \$4 150 x 30 x 60 = 270000 270000 cm3 = 270L 270 ÷ 2 = 135 48 + 90 = 138 180 - 138 = 42

Q27)	185 + 175 = 360	
	72/360 x 100/1 = 360/18 = 20%	
Q28)	40 min	9
Q29)	71°	N N
Q30)	$3/5 \times \frac{1}{4} = 3/20$	

PAPER 2

Q1)	3 x 5 = 15	
	$15 \times 2 = 30$	
	30 - 3 = 27	
Q2)	5 + 4 = 9	
	$\frac{1}{2} \times 2 \times 9 = 9$	
	$5 \times 5 = 25$	
	$4 \times 4 = 16$	
	25 + 16 = 41	
	41 – 9 = 32 cm2	
Q3)	115 x 2 = 1380	
	1380g = 1.38 kg	
~~	1.38 + 1.45 = 2.83	
Q4)	True	
05)	True	
Q5)	1st km→\$3	
	Next 8km \rightarrow \$0.23 x 20 = \$4.60 Next 1 km \rightarrow \$0.20 x 5 = \$1	
	Airport charge→\$3	
	3 + 3 + 4.60 + 1 = \$11.60	
Q6)	2/5 x 3 = 6/15	The state of the s
40)	$1/3 \times 5 = 5/15$	*
	6/15 + 5/15 = 11/15	18.
	1 - 11/15 = 4/15	
	$1 - \frac{1}{4} = \frac{3}{4}$	9
	$^{-3}/_{4} \times 4/15 = 1/5$	
Q7)	$3/8 \times 5 = 15/40$	
	$1/5 \times 8 = 8/40$	
	40 - 15 - 8 = 17	9
	17 x 3 = 51	
	$255 \div 51 = 5$	* *
	17 – 8 = 9	
	9 x 5 = 45 (Charles)	
	17 – 15 = 2	
	2 x 5 = 10 (Benny)	· · · · · · · · · · · · · · · · · · ·
*	4 - 10 = 35	
Q8)	a)60 x 40 x 16 = 38400cm3	72 T T T T T T T T T T T T T T T T T T T
	b)30 - 16 =14	3

	60 x 40 x 14 = 33600cm3	
Q9)	Smaller triangle	
1	Unshaded shaded	Bigger triangle Unshaded shaded
	5 : 6	7
1		/ : 2
	24 ÷2 = 12	
	7 x 12 = 84cm2	
Q10)	a)180 - 110 = 70°	
	b)110 + 20 = 130	
	180 - 130 = 50	<i>***</i>
	$50 \times 2 = 100$	8 4 6
	180 - 100 = 80°	
Q11)	100% - 10% = 90%	
	90% x 130 = 117	
<u> </u>	80% x 117 = \$93.6	
Q12)	a)37 + 90 = 127	
	180 - 127 = 53°	
ř	b)180 \div 3 = 60	
	$60 \times 2 = 120$	
	180 - 120 = 60	
	53 + 94 = 147	
	180 - 147 = 33	
	60 - 33 = 27	
	27 + 90 = 117	e e
	180 - 117 = 63°	¥
Q13) į	a)12 - 8 = 4	
	248 ÷4 = 62	
	12 - 5 = 7	9
	62 x 7 = \$434	
k	0)5 + 8 + 12 = 25	
	25 x 62 = \$1550	*
		
	.5 x 37 = 55.5	
	43.4 = 55.5 = 87.9	
	50 g = 0.75kg	
	7.9÷0.75 = 117 R 0.15	
15) a	100% - 18% = 82%	
	82% x 300 = 246 7% x 246 = \$47.22	
b	7% x 246 = \$17.22 82% x 350 = 287	
	7% x 287 = 20.09	El
	287 + 20.09 = \$307.09	1
16) a)	121 + 15 = 136	

180 - 136 = 4490 + 62 = 152180 - 152 = 2828 + 44 = 72 $90 - 72 - 18^{\circ}$ b)180 - 121 = 5990 + 59 = 149180 - 149 = 31 90 - 31 - 15 = 4490 - 62 = 2828 + 44 + 18 = 90° Q17) $160 \div 8 = 20$ $20 \times 3 = 60$ 60 + 12 = 7272 - 22 = 50 $50 \times 3 = 150$ 160 - 150 = 10cm

AT / WSW / EC / PL

SINGAPORE CHINESE GIRLS' SCHOOL SECOND SEMESTRAL ASSESSMENT 2018

PRIMARY 5

MATHEMATICS PAPER 1

BOOKLET A

Name:	
maine.	

Class : Primary 5 SY/C/G/SE/P

		Marks attained	Max Mark
Paper 1	Booklet A		20
	Booklet B		25
Paper 2			55
Total Marks			100

Parent's Signature

15 Questions 20 Marks

Total Time for Booklets A and B: 1 h

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so. Follow all instructions carefully.

Answer all questions.

You are not allowed to use a calculator

Booklet A

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

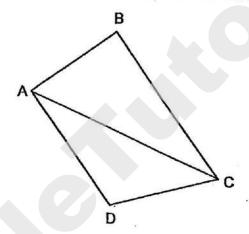
- In the numeral 6 807 251, which digit is in the ten thousand place?
 - (1) 0
 - (2) 6
 - (3) 7
 - (4) 8
- Which of the following numbers is the smallest?
 - (1) 0.098
 - (2) 0.908
 - (3) 0.089
 - (4) 0.809
- Which letter has a line of symmetry?

ELNS

- (1) E
- (2) L
- (3) N
- (4) S

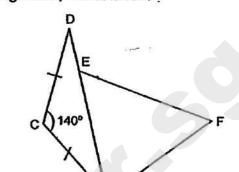
- Round 8 324 485 to the nearest thousands.
 - (1) 8 325 000
 - (2) 8 324 000
 - (3) 8 324 500
 - (4) 8 324 400
- 5. Which one of the following fractions is greater than $\frac{3}{4}$?
 - (1) $\frac{1}{2}$
 - (2) $\frac{2}{3}$
 - (3) $\frac{5}{6}$
 - (4) $\frac{7}{12}$
- 6. Express 152 min in hours and minutes.
 - (1) 1 h 32 min
 - (2) 1 h 52 min
 - (3) 2 h 32 min
 - (4) 2 h 52 min
- 7. 40% of a number is-1200. Find the number.
 - (1)480
 - (2) 720
 - (3) 2000
 - (4) 3000

- 8. What is the missing number in ____: 12 = 35 : 20 ?
 - _(1) 7
 - (2) 21
 - (3) 58
 - (4) 4
- 9. In the figure below, which two lines are parallel to each other?



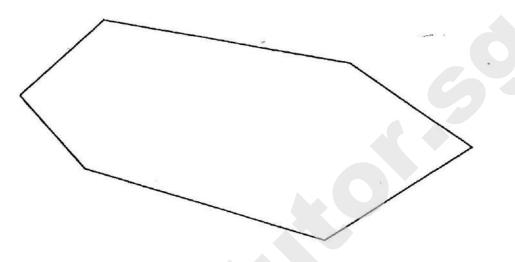
- (1) AB and AD
- (2) AB and DC
- (3) BC and AD
- (4) BC and CD

10. The figure below is not drawn to scale. Given that GEF is an equilateral triangle, GC = CD, $\angle DCG = 140^{\circ}$ and HGF is a straight line, find $\angle CGH$.



- (1) 20°
- (2) 60°
- (3) 80°
- (4) 100°
- 11. Mei Ling had 5 kg of flour. She used $\frac{1}{2}$ of it to make a butter cake and $\frac{1}{4}$ kg to make cookies. How much flour had Mei Ling left?
 - (1) $1\frac{1}{4}$ kg
 - (2) 1⁷/₈ kg
 - (3) 2¹/₄ kg
 - (4) $4\frac{1}{4}$ kg
- 12. Jalene swam the length of a pool four times and her timings were 72 secs, 90 secs, 92 secs and 80 secs. What was the average of her fastest and slowest timing?
 - (1) 81 s
 - (2) 82 s
 - (3) 85 s
 - (4) 86 s

13. The figure below is not drawn to scale.
What is the sum of all the angles in this figure?

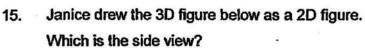


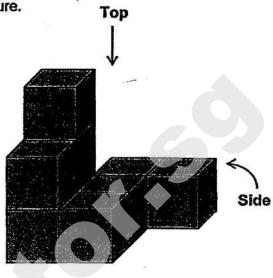
- (1) 360°
- (2) 540°
- (3)720°
- (4) 900°
- Danielle wants to send a 950g parcel to Australia. The airmail fee is charged based on the rates below.

First 200 g	\$ 7.00	
Per additional 100 g or less	\$ 2.00	

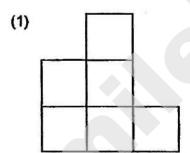
How much is the airmail fee?

- (1) \$ 18
- (2) \$20
- (3) \$21
- (4) \$ 23

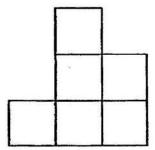




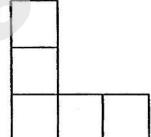
Front



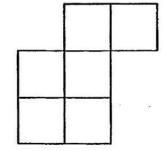
(2)



(3)



(4)



End of Booklet A

AT / WSW / EC / PL

SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2018

PRIMARY 5

MATHEMATICS PAPER 1

BOOKLET B

Name	:	1
		,
^.		

Class: Primary 5 SY/C/G/SE/P

Paper 1	Mark attained	Max Mark
Booklet B		25

15 Questions 25 Marks

Total Time for Booklets A and B: 1 h

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so. Follow all instructions carefully.

Answer all questions.

You are not allowed to use a calculator

Booklet B

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

Do not write this column

16. A bag costs \$200 before 7% GST. How much is the GST amount?

Ans: \$

 Some strawberries are placed on the weighing scale as shown below. Find the mass of the strawberries.



Ans:_____

18. What is the value of $4 + 8 \div (11 - 7) \times 2$?

19. $\frac{1}{10}$ of the animals in a farm are cows and $\frac{1}{3}$ of the remaining animals are sheep. The rest of the animals are 120 horses. How many animals are there in the farm?

Do not write in this column

Ans: ____

20. Find the sum of the first two common multiples of 3 and 5.

Ans: _____

/2

Do not write in this column

Questions 21 to 30 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(20 marks)

21. Express $\frac{7}{8}$ as a decimal. Leave your answer in 2 decimal places.

Ans: ____

22. Lilin spent 25% of her salary on a bag and had \$1200 left. How much did the bag cost?

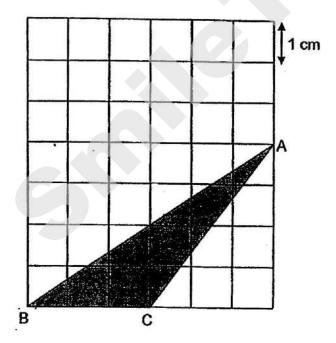
Ans: \$

23. Summer is 12 years older than he	r brother. How old will she be when she is
4 times her brother's age?	

Do not write in this column

Ans: _____ yrs

24. Find the area of Triangle ABC.



Ans: ____ cm²

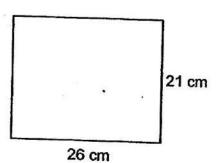


25. Lily has 2 l of apple juice while Jim has 3500 ml of orange juice. What is the ratio of Lily's apple juice to Jim's orange juice? Leave your answer in the simplest form.

Do not write this column

Ans:

26. Alex wanted to cut 2 cm by 2 cm squares from a rectangular piece of paper measuring 26 cm by 21 cm. How many squares can he get from the rectangular piece of paper?



27. Baby Abel weighs twice as heavy as Baby Belle. Baby Belle weighs twice as heavy as Baby Carol. Baby Abel weighs 9600g heavier than Baby Carol. How heavy is Baby Abel?

Do not write in this column

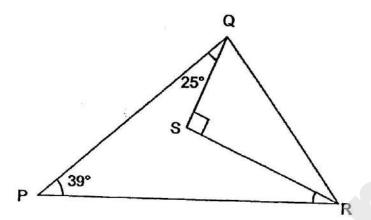
Ans: _____ g

28. A plane departed Singapore at 21 50 on Monday. It landed in Hong Kong at 01 35 the next day. After 2h 40min, it returned its journey back to Singapore. It landed in Singapore at 16 50. What was the total time the plane was in the air?

Ans: ____ h ___ min

29. In the figure below, PQR and QSR are triangles. Find ∠SRP.

Do not write : this column

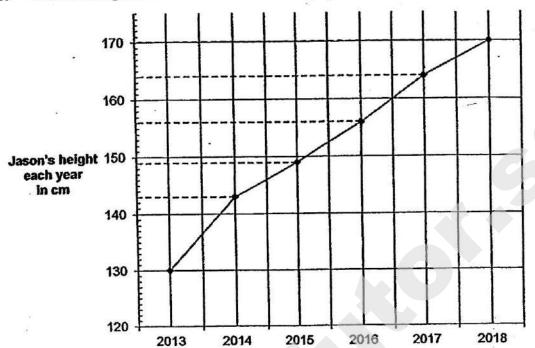


Ans: ______

2

30. Jason's height was recorded in the line graph below.





- (a) Which one year period did Jason grow the most?
- (b) What was his height in 2015?

Ans: (a) Between _____ and ____

(b) _____ cm

/2

End of Booklet B

AT / WSW / EC / PL

SINGAPORE CHINESE GIRLS' SCHOOL SECOND SEMESTRAL ASSESSMENT 2018

PRIMARY 5

MATHEMATICS

PAPER 2

Class: Primary 5 SY/C/G/SE/P

	Mark	Max Mark
Paper 2		55

Parent's Signature	
	_
3	

17 Questions 55 Marks

Total Time for Paper 2: 1 h 30 min

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so. Follow all instructions carefully.

Answer all questions.

Questions 1 to 5 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the space provided. For questions which require units, give your answers in the units stated. (10 marks)

Do not write this column

At a funfair, 5 children played at a game stall. Their average score was 40 points. The average score of 3 of them was 35. Find the total score of the other 2 children.

Ans:

2. Camp A has twice as many participants as Camp B. If 90 participants moved from Camp B to Camp A, there would be 5 times as many participants in Camp A as Camp B. How many participants are there in Camp A?

3. $\frac{8}{9}$ of Nadia's cookies is the same number as $\frac{2}{3}$ of Sally's cookies. Express the number of cookies Nadia has as a fraction of the total number of cookies.

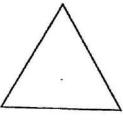
Do not write in this column

Ans; _____

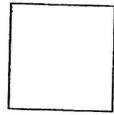
4. Machine A took 5 hours to produce 4000 toys. Machine B took 8 hours to produce 6240 toys. In 1 hour, how many toys can they produce altogether?

5. Susy has some squares and triangles in a box. There are 40 squares and triangles in total and 133 corners altogether. How many squares are there in the box?

Do not write this column



Triangle

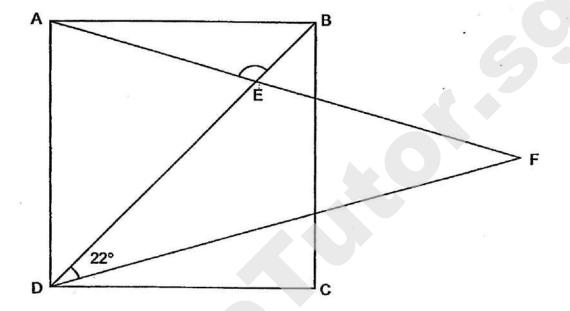


Square

Do not write it this column

For questions 6 to 17, show your working clearly in the space below each question and write your answers in the spaces provided. The number of marks awarded is shown in brackets [] at the end of each question or part-question. (50 marks)

6. The figure below is not drawn to scale. ABCD is a square. AFD is an isosceles triangle. AF, BD and DF are straight lines. ∠EDF = 22°. Find ∠AEB.

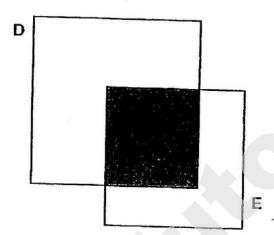


Ans: _____ [3]

	1000	
		/
	1	_
	/	2
/		3
_		

Do not write this columni

7. The figure below is not drawn to scale. It is made up of two squares D and E overlapping each other. $\frac{3}{7}$ of Square D is shaded. The area of Square E is $\frac{4}{5}$ the area of Square D. Find the ratio of the shaded area to the whole figure.



Ans: _____[3]

8. The number of marbles in Box A was 660 more than that in Box B. When 720 marbles were taken from Box A and placed into Box B, the number of marbles in Box B became five times that of Box A. Find the number of marbles in Box A at first.

Do not write in this column

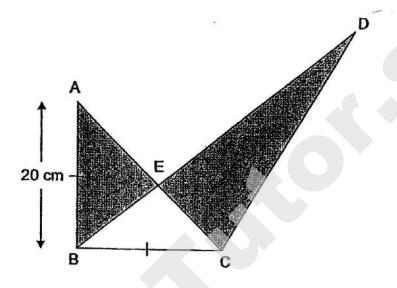
	1.5	
Ans:		[3]

9. Mei Hua bought chocolates and sweets to pack goody bags for her friends. She bought 3 times as many sweets as chocolates and spent a total of \$347.70. If each sweet and chocolate costs \$1.20 and \$2.50 respectively, how many chocolates did she buy?

Ans: _____[3]

10. The figure below is not drawn to scale.
ABC and BCD are two triangles. The height of the isosceles right-angled triangle ABC is ²/₃ that of triangle BCD. The area of the unshaded triangle is 100 cm². Find the area of the whole figure, ABCDE.

Do not write this column



Ans: _____[3]

A drink stall made strawberry juice and pear juice in the ratio 9:5. When 56 t of 11. Do not write it this column strawberry juice and 56 t of pear juice was sold, the ratio of strawberry juice to pear juice became 5: 2. Find the amount of strawberry juice the drink stall made at first.

[4]

12. Mrs Lim bought the same number of adult and child admission tickets for a show. She spent \$306 and \$127.50 on adult and child tickets respectively. Each adult ticket costs \$10.50 more than each child ticket. How much did she pay for an adult ticket?

Do not write this column

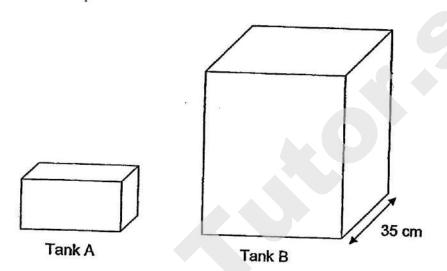
Ans:		[A
	 	l ⁴ .

13. There were an equal number of adult and children in the bus at first. At the first stop, 10 adults boarded and 8 children alighted the bus. At the next stop, 7 adults and 4 children alighted the bus. In the end, there were 4 times as many adults as children. How many children were on the bus at first?

Do not write i this column

Ans:	[4]
	 — i ·ı

- Do not write this column
- 14. Jonas poured water into Tank A measuring 30 cm by 14 cm by 17.5 cm. The tank was filled to the brim. The water from Tank A was poured into an empty square-based Tank B. Tank B was ¹/₇ filled with water.
 - (a) Find the height of Tank B.
 - (b) How much more water is needed to fill Tank B to the brim?



Ans: (a)_____[3]

(b)_____[1]

	1
	1
/ .	ı
4	1
	4

15. In a dance school, $\frac{2}{7}$ of the students and an additional 70 students learn ballet. $\frac{1}{3}$ of the remaining children learn modern dance. The rest of the 210 children learn jazz dance. How many students are there in the dance school?

Do not write in this column

Ans: _____[5]

16. The table below shows 4 columns, A to D. Study the number pattern below.

Do not write
this column
ans column

Α	В	С	D
21	22	23	24
28	27	26	25
29	30	31	32
36	35	34	33
37	38	39	40

- (a) Complete the table for the next row. (1m)
- (b) If more rows are added, which column, A, B, C or D, would 1934 be written under?

Ans:	(b)	[3]
-31131V3-341G		 10

Mr Jones gave 30% of his salary to his parents. He spent \$350 on food and 17. Do not write it this column 20% of the remaining money on transport. He saved the rest of his salary, which was \$1120. What percentage of his salary did he spend on food?

End of Paper 2 ~ Please check your work thoroughly. ~

Ans:

5

[5]

SCHOOL :

SINGAPORE CHINESE GIRLS' SCHOOL

LEVEL

PRIMARY 5

SUBJECT :

MATH

TERM

2018 SA2

CONTACT:

PAPER 1 BOOKLET A

Q.1 Q2	03 04	1 05				
1 3	1 2		Q6	Q7	Q8	29 010
		1 3	3	4	2	3 4

Q11	Q12	Q13	014	015
3	2	3	4	1

PAPER 1 BOOKLET B

*	
Q16)	\$14
Q17)	225g
Q18)	8
Q19)	2p → 120
	1p → 6u
	6u → 120
	$1u \to 120 \div 6 = 20$
	$10u \rightarrow 20 \times 10 = 200$
	200
Q20)	Multiples of 3: 3,6,9,12,15,18, 21, 24, 27, 30
	Multiples of 5: 5, 10, 15, 20, 25, 30
	Ans: 45
	$\frac{7}{8} = \frac{875}{1000} = 0.875 = 0.88$
0.0000000000000000000000000000000000000	100% - 25% = 75%
	75% = \$1200
	% = \$1200 ÷ 7 = \$16
1221 0	$25\% = $16 \times 25 = 400
	su → 12
	u → 4
4	$u \rightarrow 4 \times 4 = 16$
24) 1	$x 3 x 4 = 6 cm^2$
2	

Q25) Lily: Tom 2000: 3500 4: 7Q26) $26 \div 2 = 13$ $21 \div 2 = 10 R 21$ $13 \times 10 = 130$ Q27) $3u \rightarrow 9600g$ $1u \rightarrow 9600 + 3 = 3200 g$ $4u \rightarrow 3200 \times 4 = 12800 g$ Q28) 16 h 20 minQ29) 180 - 39 - 25 - 90 = 26Q30) a) 2013 and 2014b) 149cm

PAPER 2

 $40 \times 5 = 200$ Q1) $3 \times 35 = 105$ 200 - 105 = 95Q2) 3u → 270 $1u \rightarrow 270 \div 3 = 90$ $A \to 90 \times 4 = 360$ 9/21 = 3/7Q3) Q4) Machine A: 5 hours \rightarrow 60 x 5 = 300 mins 300 mins → 4000 toys $1min \rightarrow 4000 \div 300 = 13.3$ 1 hour \rightarrow 13.3 x 60 = 800 Machine B: 8 hours \rightarrow 60 x 8 = 480 mins 480 mins → 6240 toys $1 \text{ min} \rightarrow 6240 \div 480 = 13$ 1 hour \rightarrow 13 x 60 = 780 Total number of toys in 1 hour \rightarrow 780 + 800 = 1580

	X3 triangle	X4 square	Total	Charle
	$20 \times 3 = 60$	20 x 4 = 80	60 + 80 = 140	Check
	$23 \times 3 = 69$	17 x 4 = 68	68 + 69 = 137	X
	24 x 3 = 72	16 x 4 = 64	72 + 64 = 136	X
	27 x 3 = 81	13 x 4 = 52	81 + 52 = 133	X
			01 + 32 - 133	Correct
	Ans : 13 square	es .	***	
Q6)	Angle DAF → 45	$5^0 + 22^0 = 67^0$		NA
	Angle AFD → 18	$60^{\circ} - 67^{\circ} - 67^{\circ} = 4$	16 ⁰	
	Angle DEF → 18	$0^0 - 22^0 - 45^0 = 1$	12 ⁰	
27)	Square D → 5 x	7 - 25		
	Square E → 4 x 7			100
us n	Square D unshad	$led \rightarrow 4 \times 5 = 20$		Final
	Square D shaded	$1 \rightarrow 3 \times 5 = 15$		
	Square E unshad	ed \rightarrow 28 - 15 = 1	3	
1.00	Total Figure → 35	5 + 13 = 48		E e
	Shaded: Total			
	15 : 48			
	5 : 16			
\ <u>\</u>				
28)	4u → 660 + 60 + 6			
	1u → 780 ÷ 14 = 1			
	1u + 720 → 195 +	720 = 915		
(9)	\$1 20 + \$1 20 + \$	1.00 - 00		
/	\$1.20 + \$1.20 + \$° \$347.70 ÷ \$6.10 =	1.20 + \$2.50 = \$6.	.10	
	\$547.10 × \$6.10 =	5/	9	€.
10)	Area of about 1	20 - 20 - 22-	2	
	Area of abc $\rightarrow \frac{1}{2} x^2$	$40 \times 30 = 300 cm$	4	***
11)	7u → 56 litre			
	$1u \rightarrow 56 \div 7 = 8 \text{ litr}$	'e		
2	27u → 8 x 27 = 21 0	6 litre		
	\$306 ÷ \$127.50 = \$			
	\$178.50 ÷ \$10.50 =	: 17		
4	\$306 ÷ 17 = \$ 18			€
3) 8	$8u \rightarrow 4 + 8 + 3 = 15$			
	$ \mathbf{u} \rightarrow 15 \div 3 = 5$,		18 19 19 19 19 19 19 19 19 19 19 19 19 19

Children at first \rightarrow 5 + 4 + 8 = 17

Q14) a) Water \rightarrow 30 x 14 x 17.5 = 7350 cm³

 $7350 \div 1125 = 6$

1u → 6 cm

 $7u \rightarrow 6 \text{ cm x } 7 = 42 \text{ cm}$

b) $7350 \text{ cm x } 6 \text{ cm} = 4400 \text{ cm}^2$

Q15) 2u -> 210

3u → 315

 $5p \rightarrow 315 + 70 = 385$

 $1p \rightarrow 385 \div 5 = 77$

 $7p \rightarrow 71 \times 7 = 539$

Q16) a)

A	В	С	D	
44	43	42	41	

b) 1934 - 20 = 1914

1914 ÷ 8 = 239 R 1

240 will be under Column D

Q17) 4u -> \$1120

1u → \$1120 ÷ 4 = \$280

 $5u \rightarrow $280 \times 5 = 1400

 $7p \rightarrow $1400 + $350 = 1750

 $1p \rightarrow $1750 \div 7 = 250

Salary → \$250 x 10 = \$2500

Percentage $\Rightarrow \frac{350}{2500} \times 100\% = 14\%$

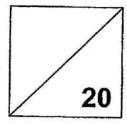


2018 PRIMARY 5 SEMESTRAL ASSESSMENT 2

Name :		()	Date: <u>24 October 2018</u>
Class : Primary 5 ()			Time: 8.00 a.m 9.00 a.m.
Parent's Signature : _				Marks:/ 100

Paper 1 comprises 2 booklets, A and B.

MATHEMATICS PAPER 1 (BOOKLET A)



INSTRUCTIONS TO CANDIDATE

- Write your name, class and register number.
- Do not turn over this page until you are told to do so.
- 3. Follow all instructions carefully.
- Answer all questions.
- Shade your answers in the Optical Answer Sheet (OAS) provided.
- You are not allowed to use a calculator.

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4).

Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(20 marks)

- 1. 77 tens + 7 tenths + 7 thousandths =
 - (1) 770.077
 - (2) 770.707
 - (3) 707.077
 - (4) 707.77
- 2. The length of a school bus is about _____
 - (1), 0.9 m
 - (2) 9 m
 - (3) 0.9 km
 - (4) 9 km
- Find the value of 4 wholes and 8 quarters.
 - (1) 36
 - (2) 12
 - (3) 3
 - (4) 6

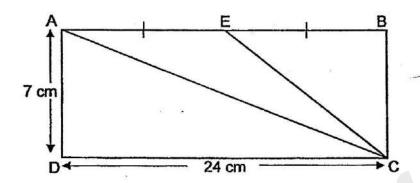
4. A certain number has 5 factors. They are:

1, 2, 8, 16 and ____

What is the missing factor?

- (1) 5
- (2) 16
- (3) 32
- (4) 4
- 5. The value of $3\frac{1}{2} + 2\frac{1}{3}$ is _____
 - (1) $5\frac{1}{6}$
 - (2) $5\frac{1}{5}$
 - (3) $5\frac{2}{5}$
 - (4) $5\frac{5}{6}$
- Express 3.9% as a decimal.
 - (1) 0.039
 - (2) 0.39
 - (3) 39
 - (4) 390

7. Find the area of Triangle ACE.

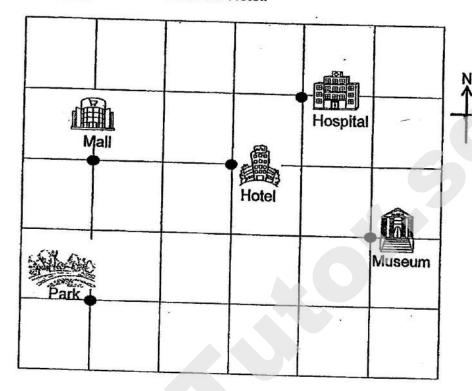


- (1) 21 cm²
- (2) 42 cm²
- (3) 84 cm²
- (4) 168 cm²
- 8. Teck Wee bought the armchair. How much did he pay?
 - (1) \$100
 - (2) \$125
 - (3) \$400
 - (4) \$600



Usual Price: \$500

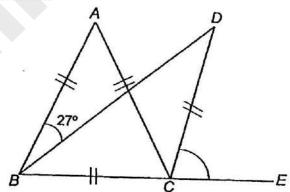
SALE 20% discount 9. The _____ is south-west of the Hotel.



- (1) Park
- (2) Malf
- (3) Museum
- (4) Hospital

- 10. Min Sen scored 74 points for a game. Ahmad scored 4 points more than Min Sen for the same game. What was their average score?
 - (1) 35
 - (2) 39
 - (3) 72
 - (4) 76
- 11. Find the value of $3 \times 12 + 36 \div (3 \times 2)$.
 - (1) 60
 - (2) 42
 - (3) 24
 - (4) 12
- 12. Chen Peng filled a cubical tank of edge 40 cm with water. What was the volume of water in the tank when it was $\frac{3}{4}$ full?
 - (1) 12 8
 - (2) 16 ℓ
 - (3) 48 ?
 - (4) 64 8

- 13. At a supermarket, crabs are sold at \$5 for every 200 g. How much does 1 kg of crabs cost?
 - (1) \$1
 - (2) \$5
 - (3) \$10
 - (4) \$25
- 14. Josh and Charlotte baked some cakes in the ratio of 2:7. Josh baked 60 fewer cakes than Charlotte. How many cakes did they bake altogether?
 - (1) 84
 - (2) 108
 - (3) 210
 - (4) 270
- 15. ΔABC is an equilateral triangle. ΔBCD is an isosceles triangle. BCE is a straight line. Find ∠DCE.



- (1) 33°
- (2) 66°
- (3) 114°
- (4) 132°

⁻ End of Booklet A -

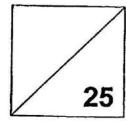


2018 PRIMARY 5 SEMESTRAL ASSESSMENT 2

Name :	() Date: <u>24 October 2018</u>
Class: Primary 5 ()	Time: <u>8.00 a.m 9.00 a.m.</u>
Parent's Signature :	

Paper 1 comprises 2 booklets, A and B.

MATHEMATICS PAPER 1 (BOOKLET B)



INSTRUCTIONS TO CANDIDATE

- Write your name, class and register number.
- 2. Do not turn over this page until you are told to do so.
- Follow all instructions carefully.
- Answer all questions.
- Write your answers in this booklet.
- You are not allowed to use a calculator.

Questions 16 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (5 marks)

16. Round 198.395 to two decimal places.



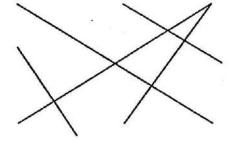
17. Express 8 kg 76 g in kilograms.



18. Find the product of $\frac{4}{9}$ and $\frac{3}{8}$. Leave your answer as a fraction in its simplest form.



19. How many pair(s) of parallel lines are there in the figure?



Ans:	122	

 The table below shows the number of books borrowed by students from the library.

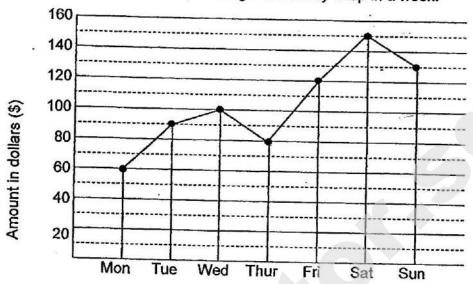
Number of book	Number of students
0	13
1	64
2	47
3	72
4	48
More than 4	19

How many students read at least 3 Mathematics books?

Ans:		
Alls.		
5-0-01000333301	 	

Questions 21 to 30 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)			
21.	The school bus was scheduled to leave the school at 1.15 p.m. However, it was delayed for $\frac{1}{5}$ hour. What time did the school bus leave the school?		
	9	Ans:	p.m.
22.	The table below shows the rates of ch	arges for taxi fare.	
44	First 2 km	\$3.40	<i>K</i> :
	Every additional 1 km c	r part thereof \$0.40	<u>.</u>
	Amran paid a total of \$5.40. What was	the maximum distance he	e travelled?
		Ans:	km
		7113.	
23.	Mr Tan mixed 3.8 kg of Grade A coffe beans. Then he packed all the mixtu 20-g boxes are there?	ee beans with 4.15 kg of G are into boxes of 20 g eac	rade B coffee h. How many
		40	
		Ans:	*

24. The line graph shows the daily earnings of a candy shop in a week.



Study the information given carefully. Then check ($\sqrt{\ }$) the correct boxes to indicate the answers you have chosen.

		True	False	Not Possible
(a)	There was an increase in earnings every day.			
(b)	The highest amount of earnings was on Saturday.			****
(c)	The lowest amount of earnings would be the same for the following Monday.			

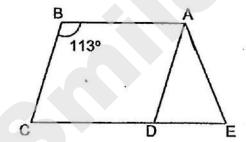
25. The table below shows the number of different types of cupcakes that William baked.

	Number of Cupcakes
Strawberry	35
Blueberry	?
Vanilla	24
Chocolate	46
Total	140

What percentage of the cupcakes were Blueberry cupcakes?

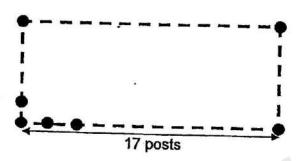
Ans:	E 70 - 70 - 70 - 70 - 70 - 70 - 70 - 70	%

26. In the figure shown below, ABCD is a parallelogram. ADE is an isosceles triangle. AD = AE. Find ∠ DAE.



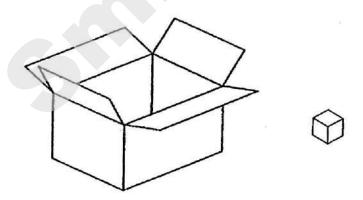
Ans:	·o
,	

27. Raju used 60 posts to build a fence around his rectangular-shaped garden. He placed the posts at equal intervals. 17 posts were placed on each long side of the garden. How many posts were placed on each short side?



Ans: _____

28. A wooden box is 20.5 cm long, 15 cm wide and 10 cm tall. What is the maximum number of 1-cm cubes that can be placed into the wooden box?

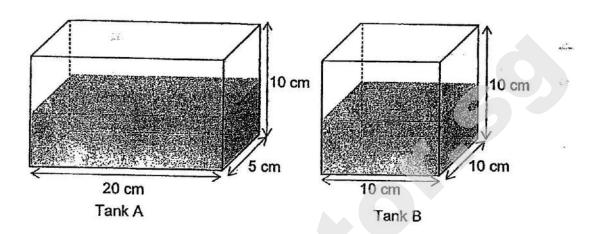


Ans: _____

29. Mary and Eve had the same number of roses. Then Eve gave $\frac{4}{5}$ of her roses to her mother and Mary gave away $\frac{3}{4}$ of her roses to her friends. The number of roses Mary had left was 3 more than the number of roses Eve had left. How many roses did Eve have at first?

V-0.00000000000000000000000000000000000	
Ans:	

30. Equal amount of water is poured into 2 empty tanks, Tank A and Tank B, as shown below. If Tank A is half-filled, what is the height of the water level in Tank B?



Ans:	 cm

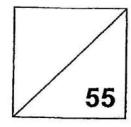
End of Booklet B End of Paper 1



2018 PRIMARY 5 SEMESTRAL EXAMINATION 2

Name:	() Date : 24 October 2018
Class: Primary 5 (Time: <u>10.30 a.m 12.00 p.m.</u>
Parent's Signature:	

MATHEMATICS PAPER 2



INSTRUCTIONS TO CANDIDATES

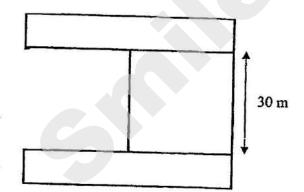
- Write your name, class and register number.
- Do not turn over this page until you are told to do so.
- Follow all instructions carefully.
- Answer all questions.
- Show your working clearly as marks are awarded for correct working.
- You are allowed to use a calculator.

for	each question and write your answers in the spaces provided. For questions which quire units, give your answers in the units stated. (10 marks
1.	Two companies donated \$34 293 and \$53 123 to an orphanage. What was the
	total amount of donation when rounded to the nea/est thousand?
	Ans: \$
2.	Chester used $\frac{1}{4}$ of a packet of flour for some biscuits and $\frac{5}{6}$ of the remainder for
	some dumplings. After that, 90 g of the packet of flour was left. What was the mass of the packet of flour at first?
	Ans:g
_	The total war of Ahrin Dan and Code on OZOL Abda and E.O. Inches
ა.	The total mass of Alvin, Ben and Carl was 97.2 kg. Alvin's mass was 5.2 kg less than Ben. Ben's mass was 4.3 kg less than Carl. What is Alvin's mass?
	with Berre Hade was 1.5 kg 1000 than Call. What 107 will 6 made.
	, ·

4. A bottle contains 1.75 l of orange juice. Mrs Lim keeps 850 ml in the refrigerator and gives the remainder equally to her 3 children. How much orange juice does each child get?

Ans:	ml
· 1/10.	1111

5. The figure is made up of two rectangles and a square. The length of the rectangle is twice the length of a square. The breadth of the rectangle is ¹/₃ the breadth of the square. What is the perimeter of the figure?



Ans:	-
ruis.	m

For questions 6 to 17, show your working clearly in the space provided for each question and write your answers in the spaces provided.

The number of marks available is shown in brackets [] at the end of each question or part-question. (45 marks)

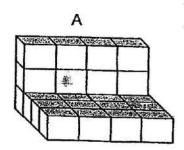
Mrs Tan has \$240 to buy water bottles as gifts. She wants to buy an equal number of Bottle A and Bottle B.

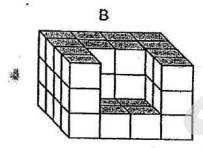


What is the total number of water bottles she can buy with all the money?

Ans:	[3]

7. Solid A and Solid B are made up of 1-cm cubes.





- (a) How many 1-cm cubes are there in Solid A?
- (b) Some 1-cm cubes are added to Solid A to form Solid B. Find the volume of Solid B.

Ans:	(a)	[1]
	()	

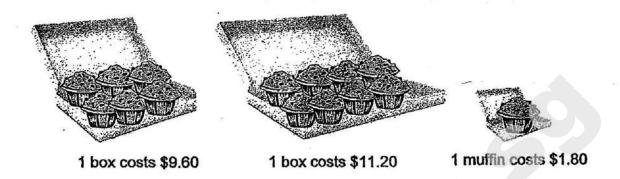
8.	Alice and Peter had the same amount of money at first. After Alice spent \$31.75 on food and Peter spent \$19.55 on drinks, Peter had three times as much money left as Alice. How much money did Peter have at first?
	Vac: [3]

9. In a farm, the ratio of the number of sheep to the number of ducks is 2 : 3. These animals have a total of 70 legs. How many sheep are there?

Ans:		[3
, uio	 	

10. The original price of a bag in Shop A and an identical one in Shop B was the same. Mohamad bought the bag from Shop A at a 10% discount. Tim bought a similar bag at a 32% discount from Shop B. The difference in amount paid by them was \$66. How much did Tim nay for the bag?

11. Mrs Chan needed to buy 223 muffins for a Children's Home.



What is the minimum amount of money spent?

	7.4
Ans:	[4

12. The table below shows the carpark charges at Playpark.

For the 1st hour	\$2.80
For every additional 1 hour or part thereof	\$1.40

Mr Ahmad parked his car from 9.15 a.m. to 1.30 p.m.

- (a) How much parking charges did Mr Ahmad have to pay?
- (b) Mr Ahmad's cash card had a value of \$26.80. How much money was left in the cash card after paying for the carpark charges?

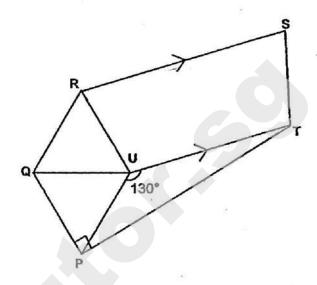
Ans: (a)	[3]
([0]

(b)	[1]
\2/	111

13. RSTU is a trapezium and PQRU is a rhombus. QRU is an equilateral triangle and PUT is a triangle. ∠PUT = 130°

Find

- (a) ∠PTU (b) ∠SRU



Ans: (a) ___ [2]

- 14. Rita had 3 kg of sugar. She used $\frac{3}{5}$ of it to make some desserts and $\frac{3}{4}$ of the remainder to bake some cakes.
 - (a) How much sugar did she use to make the desserts?

 Give your answers in kilograms.
 - (b) She used 25 g of sugar to make each cake. How many more cakes could she make with the sugar that she had left?

Ans:	(a)		[2]
	\-/-	Mar. 20	

15. The average amount of money Hashim and Benny had was \$280. After Benny spent \$83 and Hashim received \$48 from his uncle, Benny had $\frac{1}{4}$ as much money as Hashim. What is the difference in the amount of money Benny and Hashim had at first?

	202
Ans:	[4]

16. $\frac{3}{7}$ of the fruits in a fruit farm are mangoes. Half of the rest of the fruits were sold to customers. Amongst the mangoes, $\frac{6}{11}$ of them are bad and 1050 are good. How many fruits were sold to the customers?

Ans:	[5]

17. The pattern below is made up of black and white tiles.

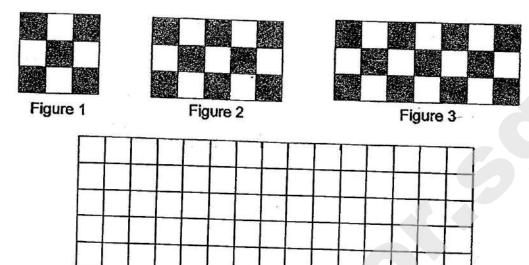


Figure 5

Figure Number	Number of Black Tiles	Number of White Tiles	Total Number of Tiles
. 1	5	4	9
2	8	7	15
3	11	10	21

- (a) Draw Figure 5 in the box given [1]
- (b) How many white tiles and how many black tiles are there in Figure 10?
- (c) Find the Figure number that has a total of 105 black and white tiles.

Ans: (b) Black Tiles	[1
White Tiles	[°
(c)	[2

End of Paper 2

SCHOOL :

TAO NAN PRIMARY SCHOOL

LEVEL

PRIMARY 5

SUBJECT :

MATH

TERM

2018 SA2

CONTACT:

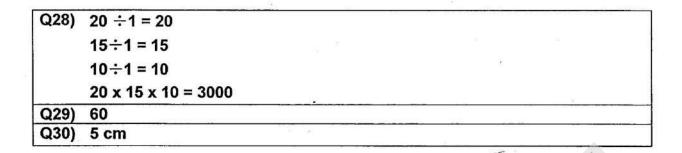
PAPER 1 BOOKLET A

Q1 C)2 02	64		######################################		
7	<u>. </u>	Q4 (30 116	07 0	0	
	2 4	3	1 4	2 3	o . U9	Q10
			4 1	2 3	1	1

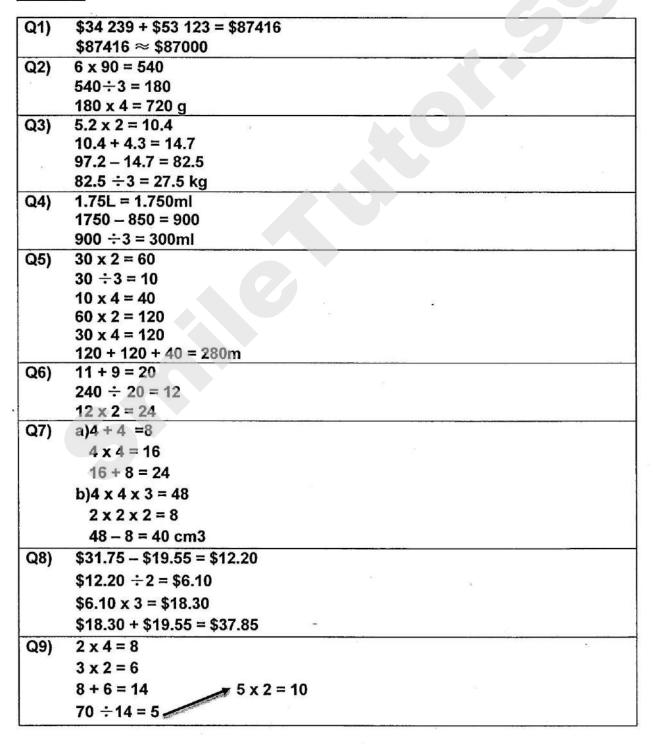
	Q 11	Q12	Q13	014	015
-	2	3	4	2	2

PAPER 1 BOOKLET B

Q16) 198.40	
Q17) 8.076kg	
Q18) 1/6	
Q19) 1 pair	
Q20) 72 + 48 + 19 = 139	
Q21) 1.27 p.m.	
Q22) 5.4 – 3.4 = 2	
$2 \div 0.4 = 5$	·
5 + 2 = 7 km	
Q23) 3.8 kg = 3800	
4.15 kg = 4150	
4150 + 3800 = 7950	
$7950 \div 20 = 297.5$	
397.5 ≈ 397	
Q24) a)False b)True c)Not	
Q25) 25%	
Q26) 180 – 113 = 67	No.
$67 \times 2 = 134$	
∠ADE = 180 – 134 = 46°	*
Q27) 17 x 2 = 34	-
60 - 34 = 26	
$26 \div 2 = 13$	
	1
13 + 2 = 15	

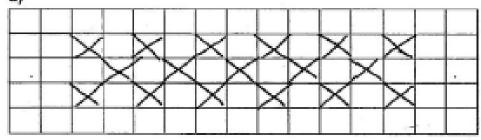


PAPER 2



```
Q10) 66 \div 22 = 3
            100 - 32 = 68
            68 x 3 = $204
    Q11) 8 \times 27 = 216
           223 - 216 = 7
           7 - 6 = 1
           1 - 1 = 0
           $9.60 + $1.80 = $11.40
           27 x $11.20 = $302.40
          $302.40 + $11.40 = $313.80
   Q12) a)$2.80 + $1.40 + $1.40 + $1.40 + $1.40 = $8.40
          b)$26.80 - $8.40 = $18.40
   Q13) a) \angle QRU = 180 ° \div3 = 60°
            ∠ QPU = 60°
           \angle UPQ = 90° - 60° = 30°
           \angle PTU = 180° - 130° - 30° = 20°
         b) \angle RUT = 360° - 60° - 60° - 130° = 110°
            \angle SRU = 180° - 110° = 70°
  Q14) a)3/1 \times 3/5 = 9/5 = 14/5
         b)3kg - 1.8kg = 1.2kg
         \frac{3}{4} \times 1.2 \text{kg/1} = 0.9 \text{kg}
         0.9 \text{kg} = 900 \text{g}
         1200 - 900g = 300g
        300 \div 25 = 12
 Q15) 280 x 2 = 560
        560 - 83 + 48 = 525
        1 + 4 = 5
        5 units = $525
        1 unit = $525 ÷ 5 = $105
        $105 + $83 = $188
       $105 \times 4 = $420
       $420 - $48 = $372
       $372 - $188 = $84
Q16) 1-6/11 = 5/11
       1050 \div 5 = 210
       210 x 11 = 2310
      2310 \div 3 = 770
      1 - 3/7 = 4/7
      770 \times 4 = 3080
      3080 \div 2 = 1540
```

Q17) a)



b)black Tiles: 32 White Tiles: 31

$$c)105 - 9 = 96$$

$$16 + 1 = 17$$

