Primary Four Examination Papers

2016

Mathematics

1	Al Tong School	CA1	SA1	SA2
2	Anglo Chinese School	CA1	SA1	SA2
3	Pei Hwa Presbyterian Primary School	CA1	SA1	SA2
4	Red Swastika School	CA1	SA1	SA2
5	Rosyth School	CA1	SA1	SA2
6	Chij St Nicholas Girls' School		SA1	SA2
7	Maris Stella High School		SA1	SA2
8	Methodist Girls' School		SA1	SA2
9	Nanyang Primary School		SA1	SA2
10	Singapore Chinese Girls' School		SA1	SA2
11	Tao Nan School		SA1	SA2
12	Temasek Primary School		SA1	SA2



2016

PRIMARY 4

MATHEMATICS

DURAT	ION	:	h	min		
DATE		1			2016	
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Name	f				()
	: Prima)
Class		ry 4			()

Section A

Questions 1 to 14 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 with a 2B pencil. (28 marks)

(1)	tens	
(2)	hundreds	
(3)	thousands	
(4)	ten thousands	
Com	plete the number pattern.	
	33 625 ,, 32 605 , 32	2 095 , 31 585
(1)	33 115	
(2)	33 125	
(3)	34 125	

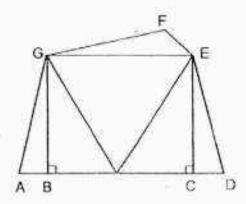
- 3 Which of the following is a common factor of 12 and 16?
 - (1) 12

(4)

34 135

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

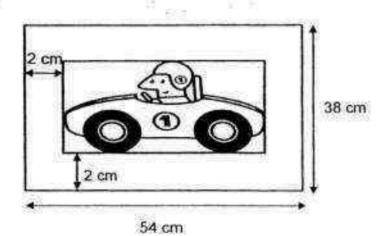
4 In the figure below, which line is parallel to BG?



- (1) BC
- (2) CE
- (3) GF
- (4) GE
- 5 When a number is divided by 7, it has a quotient of 378 and a remainder of 2.
 What is the number?
 - (1) 54
 - (2) 56
 - (3) 2646
 - (4) 2648
- Which one of the following numbers is 4900 when rounded off to the nearest 100?
 - (1) 4809
 - (2) 4849
 - (3) 4940
 - (4) 4950

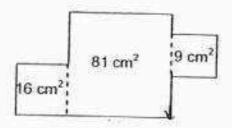
- 7 There were 1245 children at a camp site. Each tent could sleep 6 children. What is the least number of tents needed for all the children?
 - (1) 207
 - (2) 208
 - (3) 1239
 - (4) 7470
- 8 Express $6\frac{3}{8}$ as an improper fraction.
 - (1) $\frac{63}{8}$
 - (2) $\frac{51}{8}$
 - (3) $\frac{48}{8}$
 - (4) $\frac{26}{8}$
- 9 Sally used $\frac{5}{12}$ m of ribbon to tie her hair. She used a second piece which was m longer to decorate a present. How much ribbon did she use in all?
 - (1) $\frac{3}{4}$ m
 - (2) $1\frac{1}{6}$ m
 - (3) $1\frac{7}{12}$ m
 - (4) 1¹¹/₁₂ m

- David had 220 marbles left after giving $\frac{1}{5}$ of his marbles to his brother. How many marbles did he have at first?
 - (1) 44
 - (2) 176
 - (3) 275
 - (4) 1100
- 11 There are 24 boys and 16 girls in a class. $\frac{2}{3}$ of the boys and $\frac{1}{4}$ of the girls wear spectacles. How many more boys than girls wear spectacles?
 - (1) 20
 - (2) 16
 - (3) 12
 - (4) 8
- 12 A rectangular cardboard measures 54 cm by 38 cm. A picture is mounted on it leaving a 2-cm wide border around the picture. Find the area of the picture.



- (1) 352 cm²
- (2) 1700 cm²
- (3) 1872 cm²
- (4) 2052 cm²

13 The figure below is made up of 3 squares. A piece of wire is used to construct the outline of the figure. What is the length of wire used?



- (1) 50 cm
- (2) 57 cm
- (3) 64 cm
- (4) 106 cm
- Kelly takes 4 minutes to jog 1 round on the track while Rachel takes 6 minutes to jog 1 round. Both of them started jogging round the track in the same direction and at the same time. How long would it take for them to meet each other for the first time at the starting point?
 - . (1) 6 min
 - (2) 10 min
 - (3) 12 min
 - (4) 24 min

Section B

Questions 15 to 34 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

15 What is twenty thousands, one hundred and two ones in figures?

Ans:

16 Using the digits below, form the smallest 4-digit odd number.

4

3

7



Ans:

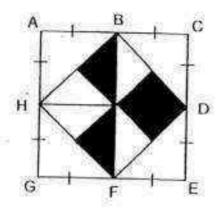
17 What are the first 2 common multiples of 3 and 4?

Ans: _____ and ____

18 What is the product of 63 and 24?

Ans: _____

The figure below is made up of a square ACEG, B, D, F and H are midpoints of AC, CE, EG and AG respectively. What fraction of the figure is shaded? (Express your answer in the simplest form.)



20 Bob pays \$1266 every 3 months to rent a room. How much does he pay to rent the room for a year?

Ans: \$

21 There are 9 Primary 4 classes in school XYZ. Each class has an equal number of pupils. Mrs Lim packed 792 sweets equally for each class. If every pupil gets 2 sweets, how many pupils are there in each of the Primary 4 class?

Ans:

At a concert, $\frac{5}{7}$ of the audience are adults and the rest are children. If there are 630 people at the concert, how many children are there?

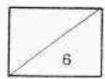
Ans: ____

23 Using the given line AB below, construct and label ∠ABC such that ∠ABC = 67°.



4 years ago, Chloe's father was thrice as old as Chloe. Their total age is 68 years now. How old was Chloe 4 years ago?

Ans: _____ years ok



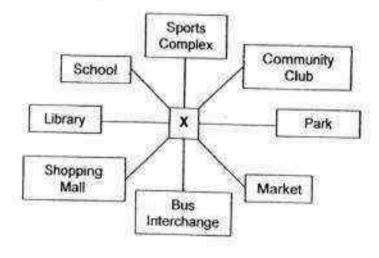
25 Mrs Rani mixed $\frac{3}{4}l$ of concentrated syrup with some water to make 4 l of drink. How much water did she use? Express your answer in its simplest form.

Ans:	
CALCON.	

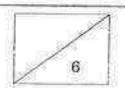
26 How many quarters are there in $2\frac{1}{4}$?

Ans:			
0.0000000000000000000000000000000000000		_	_

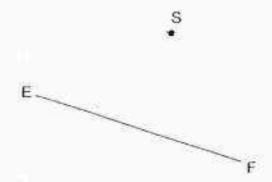
27 Clarice was standing at point "X" as shown in the diagram below. She made a 135" turn in an anti-clockwise direction and ended up facing the Bus Interchange. Where was she facing at first?



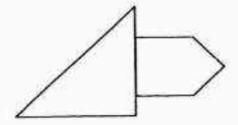
Ans:



28 In the space below, draw a straight line parallel to the line EF through the point S.

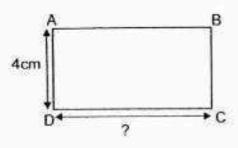


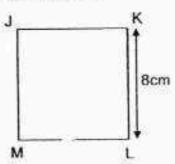
29 How many pairs of perpendicular lines are there in the figure below?



Ans:

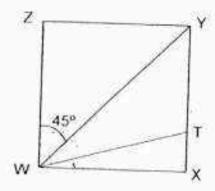
30 The figures below are not drawn to scale. The area of the rectangle ABCD is equal to the area of the square JKLM. Find the length of CD.





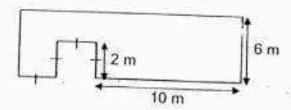
Ans: cm

31 The tigure below is not drawn to scale. WXYZ is a square. ∠YWZ is 45°. ∠TWY is 17° more than ∠TWX. Find the value of ∠TWX.



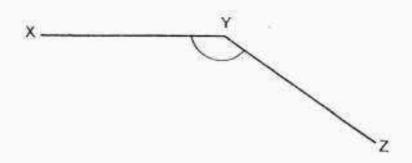
Ans:	
100000	

32 The figure below is not drawn to scale. A piece of wire was bent to form the following figure. What was the length of the wire?



Ans:				
ruis.	_	-	_	П

33 Using a protractor, measure and write down the size of ZXYZ.



Ans:

34 Ahmad has some stickers. He gave half of the stickers to his brother and collected another 353 stickers. He now has 480 stickers. How many stickers did he have at first?

Ans:

/4

	w	Q.	40			C
	ю	•	40.	T		
•			1.5	וט	18:	-

Questions 35 to 38 carry 3 marks each. Questions 39 to 43 carry 4 marks each. Show your working clearly in the space provided below each question and write your answers in the spaces provided.

(32 marks)

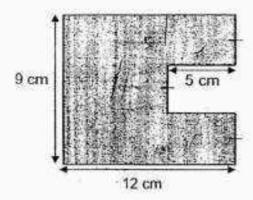
35 The total cost of 3 similar dresses and 1 belt is \$220. Each dress cost thrice as much as each belt. How much does a dress cost?

Ans: [3]

36 Mr Goh has between 20 kg and 40 kg of rice in a sack. If he packed them into bags of 4 kg each, he will not have any rice left. If he packed them into bags of 5 kg each, he will have 1 kg of rice left. Find the amount of rice in the sack.

Ans: ______ [3

37 The figure below is not drawn to scale. All lines meet at right angles. Find the area of the shaded part.



Ans: [3]

38 Muffins were sold in packets of 3. Each packet cost \$4. Mrs Tan needed 50 muffins for a party. How much would it cost her to buy enough muffins for the party?

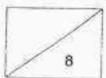
Ans: _____ [3]

39	Mr Lee has a rectangular plot of land with an area of 98 m ² . The breadth of the land is
	/ m. Mr Lee wants to build a wooden fence around the perimeter of the land. The
	fence costs \$40 per meter. How much does Mr Lee need to pay to build the fence?

W-222	
Ans:	_ [4]

Maggie baked some cookies. She gave $\frac{1}{4}$ of the cookies to her friends and $\frac{1}{8}$ of them to her relatives. She had 210 cookies left. How many cookies did Maggie bake?

Ans: _____[4

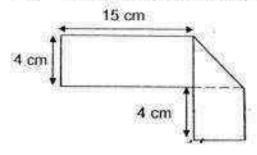


41 Kate and Louise had a total of \$2124 at first. After Kate spent \$144 on a camera and Louise earned \$200 from selling books during the holidays, both had the same amount of money. How much did Kate have at first?

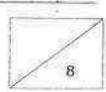
Ans:	1.4
ruis.	1.4

30

- 42 The figure below is not drawn to scale. A rectangular piece of paper is folded to form the shape as shown below.
 - (a) What is the area of the rectangular piece of paper?
 - (b) What is the perimeter of the rectangular piece of paper?



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



There were 1248 magazines in a bookstore. During a promotion, every customer who 43 bought 2 magazines got an additional magazine for free. After 128 customers bought 2 magazines each, the remaining magazines were packed equally into 9 boxes. How many magazines were there in each box? End-of-paper

Please check your work carefully.

EXAM PAPER 2016

LEVEL : PRIMARY 4

SCHOOL : AI TONG SCHOOL

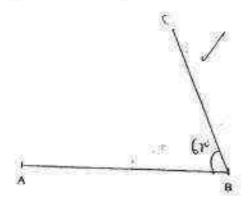
SUBJECT: MATHS TERM: CA1

Q1	Q2	Q 3	Q4	Q 5	Q6	Q7	Q8	09	010
3	1	4	2	4	3	2	2	3	3
Q11	Q12	Q13	Q14	504K. [1]	y	W/1-1	10000		
3	2	1	3						

Q15. 20102 Q16. 3047 Q17. 12 and 24 Q18. 1512

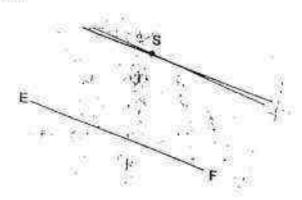
Q19. 1/4 Q20. \$5064 Q21. 44 Q22. 180

Q23. Q24. 15 Q25. 3¹/₄ Q26. 9



Q27. School

Q28.



Q29. 4 Q30. 16cm Q31. 14 Q32. 44 Q33. 145 Q34. 254

Q35. 10 units = 220

1 unit = 22

3 units = 66

Answer: \$66

Q36. Multiples of 4 = 4, 8, 12, 16, 20, 24, 28, 32, 36, 40

Multiples of 5 = 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 Answer: 36kg

Q37. A = 12 X 3 = 36

 $B = 2 \times 3 = 21$

 $C = 12 \times 3 = 36$

Total = 93

Answer: 93cm2

Q38. $50 \div 3 = 16 R2$

17 X 4 = 68

Answer: \$68

Q39. $98 \div 7 = 14$

14 + 7 = 21

 $21 \times 2 = 42$

42 X 40 = 1680

Answer: \$1680

$$Q40.2/8 + 1/8 = 3/8$$

$$8/8 - 3/8 = 5/8$$

$$5u = 210$$

$$1u = 42$$

$$8u = 336$$

Answer: 336

$$2u = 2180$$

$$1u = 1090$$

$$Q42.15 + 4 + 4 = 23$$

$$23 \times 4 = 92$$

$$15+4+4+15+4+4+4+4=54$$
 Answer: a)92cm² b) 54cm

$$Q43.128 \times 2 = 256$$

$$1248 - 384 = 864$$

$$864 \div 9 = 96$$

Answer: 96

Anglo-Chinese School (Junior)



CONTINUAL ASSESSMENT 1 (2016) PRIMARY 4 MATHEMATICS

Mon	nday	07 1	March 2016		
Nan	ne:()	Class: 4.()	
INS	TRUCTIONS TO PUPILS				
1	Do not turn over the pages until	l you a	re told to do se	0.	
2	Follow all instructions carefully.	15			
3	There are 21 questions in this t	oooklel	L		

Answer ALL questions.

Booklet	Possible Marks	Marks Obtained
A	20	
В	14	
С	16	
Total	50	

1 hr 15 min

This question paper consists of 10 printed pages (inclusive of cover page).



Section A

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice and write its number (1, 2, 3 or 4) in the brackets provided.

(20 marks)

- 1. Which one of the following is the same as 96 141?
 - 1) 90 000 + 600 + 10 + 1
 - 2) 90 000 + 6000 + 100 + 1
 - 3) 90 000 + 600 + 100 + 40 + 1
 - 4) 90 000 + 6000 + 100 + 40 + 1

()

- John paid \$17 295 for a television set. Round the amount he paid to the nearest thousand dollars.
 - 1) \$17 000
 - 2) \$17 300
 - 3) \$18 000
 - 4) \$20,000

()

- What is the sum of the common factors of 16 and 24?
 - 1) 11
 - 2) 14
 - 3) 15
 - 4) 19

)

ACS(J) P4 MA CA1 2016

2

Sub-Total :

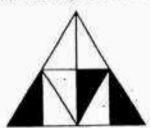
The table below shows the mass of four baskets.

Basket A	5 kg 173 g
Basket B	5 kg 89 g
Basket C	5317 g
Basket D	5098 g

Which basket is the lightest?

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

5. What fraction of the figure is shaded?



- 1) 1/3
- 2) 3/5
- 3) $\frac{3}{7}$
- 4) 3/B

()

Sub-Total:

Study these angles carefully. 6.



Which one of the following statements is correct?

- 1) Angle a is the greatest.
- Angle b is greater than Angle c. 2)
- 3) Angle c is equal to Angle d.
- 4) Angle d is smaller than Angle a.

()

- What must be added to $\frac{7}{12}$ to get $\frac{5}{6}$? 7.



Sub-Total:

8.	As	tick is 13 cm long. Betty	uses 8 such similar stick	s to measur	e her
	hei	ght. How tall is Betty?			
	1)	1 m.1 cm			
20	2)	1 m 4 cm			
	3)	1 m 10 cm			
	4)	1 m 40 cm			
				Ç	3
9.	Lar	rry bought 69 crates of fr	uits. In each crate, there	were 17 pa	ipayas
	ano	some mangoes. He l	had a total of 1242 man	goes. How	many
	par	payas and mangoes did	he buy altogether?	DAATAGHI NIBWK	
	1)	1259			
	2)	1793			
	3)	2415			
	4)	2484			
e.				C)
10.	An	drew bought a toy train t	hat cost \$5.70. He paid t	he exact am	ount
	usi	ng some twenty-cent and	d fifty-cent coins. How me	any twenty-c	cent
	and	d fifty-cent coins did he u	se to pay for the toy train	7	
		Twenty-cent Coins	Fifty-cent Coins		
	1)	11	7		
	2)	13	9		
	3)	19	5		
	4)	21	4		
				€)
	-				
ACS	(J) P4	MA CA1 2016	5	Sub-	Total :

ķ	What is the missing number in the n	umber pattern?
	37 260, 37 278,, 37 34	44, 37 392, 37 450
2.	The product of two numbers is 4104 the other number?	One of the numbers is 8, what is

Sub-Total

		1				
	Square Q	9 cm				
						e
К	annu water a 2 d	iale add a				
oc	enny writes a 3-d dd number is 600 git in the ones pla	when it is	rounde	d to the	neares	t hundred. T
		1000	7.00			tens hiere
	ultiple of 3. What	is one pos				
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	ultiple of 3. What	is one pos				

15.	Adam had a piece of wood, $\frac{1}{12}$ of it was painted red and $\frac{1}{4}$ of it was
	painted blue. The rest was not painted. What fraction of the wood
	was painted? Leave your answer in the simplest form.
16.	Kate has 820 beads. Hedi has 90 more beads than Kate. Megan has
	173 beads fewer than Hedi. How many beads did Megan have?
17.	There were 3 times as adults as children in a hall. 26 children entered
	the half and 36 adults left the half. There was an equal number of
	adults and children in the hall in the end. How many children were there at first?
ACS	J) P4 MA CA1 2016 8 Sub-Total :

		200		
		ALC: U		-
-		T16	w	
	~~	***	æ	-

Questions 18 to 21 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statement. (16 marks)

- Matthew was given 906 eggs. He used the eggs to bake some cakes.
 He used 7 eggs for each cake.
 - (a) What would be the greatest number of cakes he could bake?
 - (b) Matthew sold all the cakes at \$26 each. How much would be collect for selling all the cakes?

19. A laptop costs 6 times as much as a printer. An oven costs thrice as much as a printer. The total cost of the 3 items is \$2090. Find the cost of the oven.

ACS(J) P4 MA CA1 2016

Sub-Total:

20.	Henry collected some marbles, cards and stamps. He had a total of
	472 marbles and stamps. He had 116 marbles. He had 4 times as
	many stamps as cards. How many marbles and cards did Henry have
	altogether?

21. Granny Tan employed 7 waiters and 2 chefs in her restaurant. Each waiter was paid \$75 less than each chef every day. The total amount of money paid to the 9 persons was \$780 each day. Find the amount of money Granny Tan paid to one chef for each day.

End of Paper	
524	L
40	Charles Transaction

ACS(J) P4 MA CA1 2016



EXAM PAPER 2016

LEVEL : PRIMARY 4

SCHOOL: ANGLO CHINESE SCHOOL (JUNIOR)

SUBJECT: MATHEMATICS

TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
4	1	3	2	4	4	2	2	3
Q10	Q11	Q12	Q13	Q14				
1	37306	513	13cm	561				

Q15.
$$\frac{1}{12} = \frac{3}{12} = \frac{1}{3}$$

The greatest number of cakes he could bake is 129.

Matthew would collect \$3354.

1U=\$2090 ÷ 10=\$209

3U=\$209 × 3=627

The cost of the oven is \$627.

Q20, 472 - 116=356=stamps

356 ÷ 4=89=cards

116 + 89 = 205

Henry collected 205 marbles and cards.

Q21. $75 \times 2 = 150$

780 - 150=630

 $630 \div 9 = 70$

70 + 75 = 145

Granny Tan paid \$145 to one chef each day.



PEI HWA PRESBYTERIAN PRIMARY SCHOOL MINI TEST 1 PRIMARY 4 MATHEMATICS

Name:			.()
Class:	4 Teamwork ()	
Date :	1 March 2016		
7.227.52			Parent's Signature

Total time: 1 hour

INSTRUCTIONS TO CANDIDATES

- Write your Name, Class and Register No. in the spaces provided above.
- 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 all your answers in this booklet.

Marks (Section A)	12
Marks (Section B)	12
Marks (Section C)	6
Total Marks (Section A & B & C)	30

Section A: Multiple Choice Questions (12 x 1 = 12 marks)
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.

1	In 6	2345, the digit 2 stands for	·		
	(1)	2 hundreds			
	(2)	2 thousands			
	(3)	20 tens			
	(4)	20 thousands		()
2	Rou	nd off the sum of 14 thousa	ands, 10 hundreds and 75	ones to the nearest te	on.
	(1)	15 080	e Antologica (antono para anto Vice Antono A		
	(2)	15 070			
	(3)	14 180	9		
	(4)	14 170		()
			1		86.
3	Whic	sh of the following is a factor	w of 56?		
	(1)	6			
	(2)	7			
	(3)	3			
	(4)	12		()

1

1000	A A 2 1 10	and the following numbers has the digit 7 in the thousands place?		
	(1)	29 701		
	(2)	97 340		
	(3)	78 653		
	(4)	42 471	•)
5	Find	the difference between the 4th multiple of 7 and 6th multiple of 8.		
	(1)	14		
	(2)	16		
	(3)	20		
	(4)	76	()
6	Find	the product of 367 and 28.		
	(1)	3560		
	(2)	3670		
	(3)	9176		
	(4)	10 276	()
7	9 × _	= 783		
	(1)	67		
	(2)	77		
	(3)	87		
	(4)	97	()

8	The Wha	number of audience at a concert is 130 when rou at is the smallest possible number of audience at t	nded off to the nearest the concert?	10.
	(1)	124		
	(2)	125		
	(3)	129		
	(4)	131	()
9	Wha	at is the sum of all the common factors of 15 and 3	0?	
	(1)	9		
	(2)	21		
	(3)	23		
	(4)	24	- ()
10	Siti p	backs 18 boxes of egg tarts. Each box contains 24 tarts left unpacked, how many egg tarts are there a	egg tarts. If there are 15 altogether?	5
	(1)	417		
	(2)	432		
	(3)	447		
	(4)	702	1)

38.95	reaju	wants to buy a storybook. The price of the storybook is divisible	by 4, 6	and
	8, W	hat is the lowest possible price of the storybook?	255 (0755)	
	(1)	\$12		
	(2)	\$16		
	(3)	\$24		
	(4)	\$32	1	0
40	1474			
12	John	and Luke had 1428 stamps. John has thrice as many as Luke.		
		many stamps does Luke have?		
	(1)	357		
	(2)	476		
	(3)	714		
	(4)	1071)

Comple	te the numb	oer pattern.				
17 846,	19 846,	21 846,			25 846,	27 846
Write 42	598 in wor	ds.				
-						
What are by both	e the two sr 3 and 9?	nallest whole	numbers that	leave n	o remaind	ers wher
by both	e the two sr 3 and 9? 386 by 6,	nallest whole	e numbers that		o remaind	

Section B (12 x 1 = 12 marks)

Arrange the	e following nu	mbers in Incre	easing order.	
35 198,	34 267,	34 299,	35 283	
Smalles	t			Si sa sa sa sa s a
When a nu What is the	mber is divide number?	ed by 18, it giv	ves a quotient o	of 241 and a remainder of 7
			Ans:	
Round off ti	he product of	2358 and 6 to	the nearest 10	00.
			Ans:	
		6		

20	Mr Nathan had 35 bags of potatoes, Each bag contained 40 potatoes. How many potatoes did Mr Nathan have altogether?
	Ans:
21	What is the common factor of 35 and 56 that is greater than 1?
	Ans:
22	What is the smallest 5-digit odd number that can be formed using all the given digits?
	0 9 7 4 6
	Ans:
PH	7 PPS/Math/P4/Mini_Test_1/2016

23 I am a 2-digit odd number. I am both a factor of 54 and multiple of 9. What number am I?

Ans:

24 Given that $\bigwedge \times 8 = \bigcirc$ $\times 6 = 672$

Ans: ____

Section C (2 x 3 = 6 marks)

Solve each of the following problems. Show all your working and statements clearly. Write your answers and word statements in the spaces provided.

25 Mr Lim bought 112 bags of oranges. Each bag contained 8 oranges. He gave a few bags of oranges to his brother and distributed the rest equally among his 16 friends. If each friend received 34 oranges, how many bags of oranges did he give to his brother?

Workings

Ans: _____[3]

PHPPS/Math/P4/Mini_Test 1/2016

26 Charlotte has more than 50 but fewer than 60 chocolates.

If she puts them in packets of 8, she will have 3 chocolates left.

If she puts them in packets of 5, she will have a shortage of
1 chocolate. How many chocolates does Charlotte have?

Workings

Ans: [3]

******* END OF PAPER *******
PLEASE CHECK YOUR WORK.

10

PHPPS/Math/P4/Mini_Test_1/2016

EXAM PAPER 2016 (P4)

SCHOOL: PEI HWA

SUBJECT : MATHEMATICS

TERM: CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	2	2	3	4	3	2	4	3.
Q11	Q12								
3	1								

13)23846 14) Forty-two thousand, five hundred and ninety-eight

15)9 and 18 16)731 17)34267, 34299, 35198, 35283 18)4345

19)14100 20)1400 21)7 22)40679 23)27 24)14

25)112 x 8 = 896

34 x 16 = 544

896 - 544 = 352

 $352 \div 8 = 44$

26)

No.of Chocolates	Multiples of 8	Multiples 8 + 3	Multiples 5	Multiples of 5 – 1
57	56	59	55	54
58	56	59	60	59
(59)	56	(59)	60	(59)

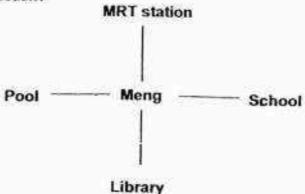


RED SWASTIKA SCHOOL 2016 CLASS TEST 2 MATHEMATICS

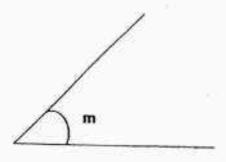
		ņ	MATHEMATIC	S			
Name :			()	Marks		_ / 30
Class : Pr	4				Date :	23 rd Mar	ch 2016
Ouration :	50 min		Ē	arent's S	ignature :		
Section A	: Multiple	e-Choice Ques	tione				
Questions One of the	1 to 6 car m is the c	rry 1 mark each, correct answer. I in the brackets	For each que Make your che	estion, for oice (1, 2,	3 or 4). V	are given Vrite your 6 marks)	Š
1 Loc		figure below care	efully. Which	of the foll	owing stat	ements is	incorrec
	c						
		ь	\succ				
A			(B				
(1)	The an	gle≀is∠b.					
(2)	The an	gle is ∠CAB	ATTORNEY (1920)				
(3)		AB and BC meet gle is smaller th				(7
15-130	50.000		V050407075150			3	63
2 Lo	ok at the	figure below car angle?	efully. How m	any angle	es inside t	he figure	are large
53,65		ene r aces					
		1					
(1)	1	5	J				
(1) (2) (3) (4)	1 2 3 4	30					
(4)	4					£.	1
						(

1

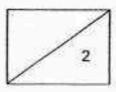
Meng is facing the library. Where will he be facing if he makes a $\frac{3}{4}$ - turn in the 3 clockwise direction?



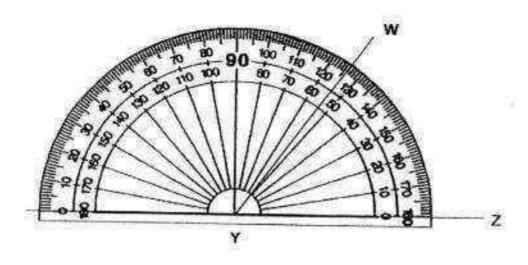
- (1) MRT Station
- (2) Pool
- (3) Library
- (4) School
- Use a protractor to measure ∠m.



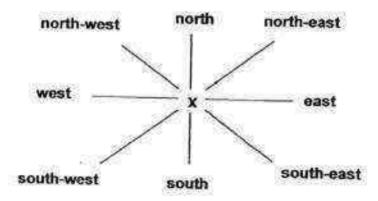
- (1) 45°
- 55° (2)
- (3)135°
- (4) 145°



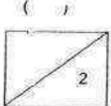
5 Use the given protractor to find \(\sqrt{WYZ} \).



- (1) 54°
- (2) 66°
- (3) 126"
- (4) 134°
- Jason is at point X facing north-west. He makes a 90° clockwise turn. Then he makes a ______ in the anti-clockwise direction to face southeast.



- (1) $\frac{1}{4}$ turn
- (2) $\frac{1}{2}$ tum
- (3) $\frac{3}{4}$ turn
- (4) 1 complete turn

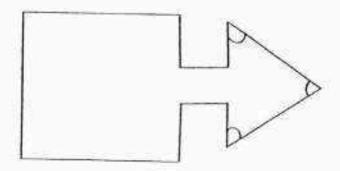


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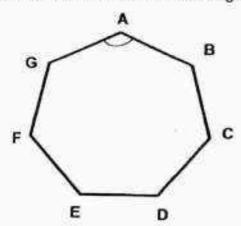
Section B : Short-Answer Questions

Questions 7 to 18 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. (24 marks)

7 In the diagram below, mark out the angles inside the figure, that are smaller than a right angle.



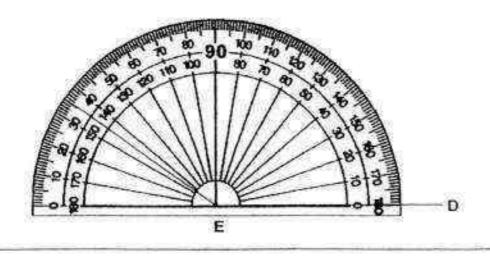
8 Look at the figure below. Name the marked angle.



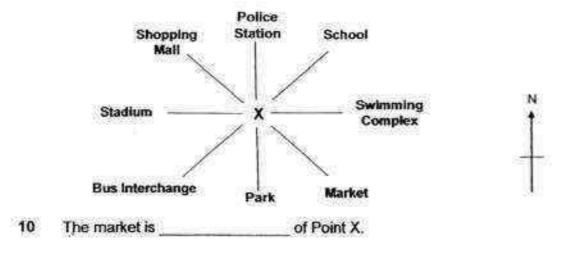
Ans: ∠



9 Use the given protractor and complete the drawing of ∠DEF = 145°.



Use the diagram below to answer Questions 10 and 11.

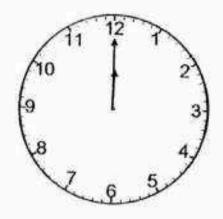


Ans:

Devi is standing at Point X, facing the stadium. She needs to turn through an angle of ______o in a clockwise direction in order to face the bus interchange.

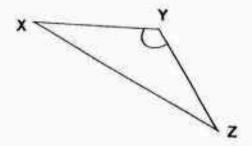
Ans.

12 The time is 11.45 a.m. The hands on the clock is showing 12.00 p.m. The minute hand of the clock has to be moved \(\frac{1}{4}\) - turn in a/ an _____ direction for it to tell the correct time.

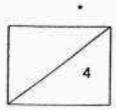


Ans:

13 Use a protractor to measure ZXYZ.



Ans: _____

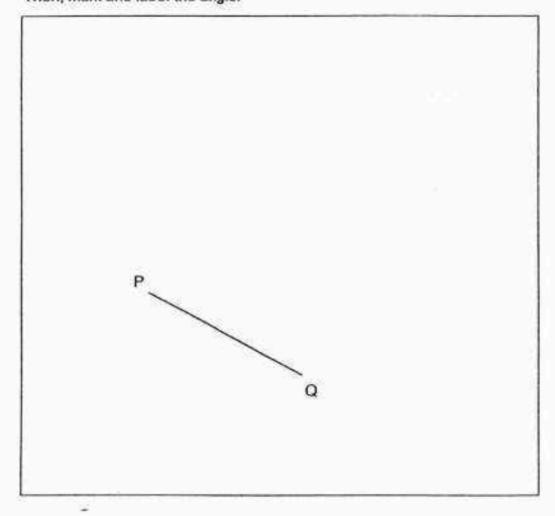


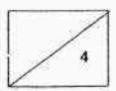
14 The minute hand of a clock makes a _____ - turn from 3 p.m. to 3.45 p.m.



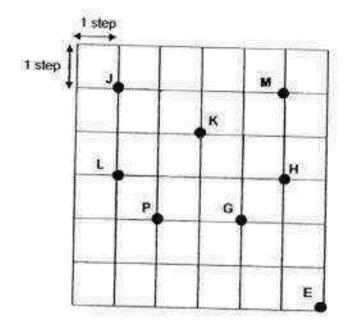
Ans:

Use the given line to complete drawing an angle where ∠ PQR is 85°.
Then, mark and label the angle.





Study the diagram below carefully and use it to answer Questions 16 and 17.





16

Susie is at Point M, facing north. She makes a _____ - turn in the clockwise direction to face Point H.

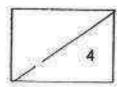
Ans:				

17

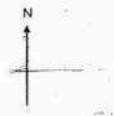
Muthu started at Point J. He took some steps as listed below. At which point did Muthu reach?

Move	Direction
151	3 steps to the east
2 nd	2 steps to the south
310	3 steps to the west

Ans:							
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-		_		_	_	



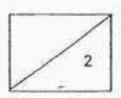
- 18 Using all the clues below, which direction was Ali facing at first?
 - a) He first made a 180° turn in an anti-clockwise direction.
 - b) Next, he made a $\frac{1}{4}$ -turn in clockwise direction.
 - c) Finally, he ended up facing east.



Ans:				

END OF PAPER

Did you check your paper? ②



EXAM PAPER 2016

LEVEL : PRIMARY 4

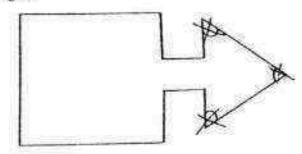
SCHOOL : RED SWASTIKA SCHOOL

SUBJECT: MATH

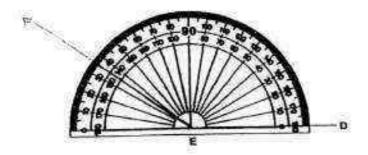
TERM : CLASS TEST 2 (CAI)

Q1	Q 2	Q 3	Q 4	Q 5	Q 6
2	2	4	1	1	3

Q7.



Q8. ∠*GAB* Q9.



Q10. South-East Q11. 315° Q12. anti-clockwise Q13. 150°

Q14. $\frac{3}{4}$

Q15.



Q16. $\frac{1}{2}$ Q17. Point L Q18. South



Name:		Total 40
Class: Pr 4	Register No	Duration: 55 min
Date: 26 th February 2016	Parent's Sign	nature:
	**	

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. This paper consists of 3 parts, Sections A, B and C.

	Maximum	Marks Obtained
Section A	10	
Section B	14	
Section C	16	
Total	40	25

^{*} This paper consists of __9__ printed pages altogether. (Including this cover page)

SECTION A (10 marks)

Choose the correct answer and write its number in the brackets provided. Each question carries 2 marks.

1. It is our, the digit i startes for	1.	In 14 507, the digit '1' stands for	
---------------------------------------	----	-------------------------------------	--

- (1) 1
- (2) 10
- (3) 1000
- (4) 10 000

()

- 2. What are the common factors of 2 and 6?
 - (1) 1 and 2
 - (2) 2 and 4
 - (3) 6 and 12
 - (4) 12 and 18

()

- 3. 1304 x 7 = ______
 - (1) 7108
 - (2) 7128
 - (3) 9108
 - (4) 9128

()

- 4. What is the remainder when 1928 is divided by 6?
 - (1) 1
 - (2) 2
 - (3) 5
 - (4) 4

()

300	There were 48 cookbooks and 37 storybooks sold in a book fair. Each of them was sold at \$9 each. What was the total cost of all the cookbooks and storybooks sold during the book fair?						
	20021102		WAS ALCOHOLD BRANCES				
	(1)	\$85					
	(2)	\$333					
	(3)	\$432					
	(4)	\$765		6 3			
		3 (14 marks)					
Sho	w your	working clearly in th	e space below e	each question a	and write your answer		
in th	e answ	er boxes provided. (Give your answe	rs in the units	stated. Questions 6 to		
9 ca	rry 1 m	ark each. Questions	10 to 14 carry 2	marks each.			
			[10]				
6.		1100000	+ 30 + 9 000 + 7	0.000	<u>)))</u>		
	8	7	1.00 + 9 000 + 7	0.000			
					(1		
7.	Charm	J -# 70 450 t II	eneway stance will be a second				
N.+=	SECON	nd off 78 156 to the i	iearest ten,				
		(((8))					
					=		
Sec.	17024972		H-Chiros				
8.	List t	he first four multiples	s of 8.				

 $\{ \gamma \}$

10. Round off each number to the nearest hundred. Write it down in the boxes provided. Then estimate the value of each of the following: 291 357 + =	
provided. Then estimate the value of each of the following: 291 357 + = = = = = = = = = = = = = = = = = =	
provided. Then estimate the value of each of the following: 291 357 + = = = = = = = = = = = = = = = = = =	
provided. Then estimate the value of each of the following: 291 357 + = = = = = = = = = = = = = = = = = =	7
provided. Then estimate the value of each of the following: 291 357 + = = = = = = = = = = = = = = = = = =	
11. What are the common factors of 12 and 27?	
11. What are the common factors of 12 and 27?	
	_
12. The total number of boys and girls in the school is 2547. If there are 225 fewer girls than boys, how many girls are there in the school?	

13.	A number when divided by 6 has a quotient of 804 and a remainder of 3. What is the number?
14.	Kamal is 4 times as heavy as Lily. He is also 37 kg heavier than Peter, If Lily's mass is 21 kg, what is Peter's mass?
	v _e
	kg

SECTION C	(16 marks)
-----------	------------

Show your working clearly in the space below each question and write your answers in the blanks provided. Each question carries 4 marks.

15. The difference between two numbers is 3069. The greater number is 4 times the smaller number. What is the greater number?

Ancues	74
Answer:	(4m)

	Answe	r:		(4m)	
91 750		80	10 55	ie Tie	
8					
=					

		2		
-	2	100	174	
15%				
- 2000 850	rener in e-ren	-	100 1000	INC.

18.	much as the fan. The sof	sofa and oven is \$3627. The oven costs twice as fa costs twice as much as the total price of the fan e does the sofa cost than the oven?	
		+	
		90	
		54 H	
	#2		
		Answer:(4m)	0.
		(Mill)	
		End of Paper	

9

YEAR

2016

LEVEL

PRIMARY 4

SCHOOL

ROSYTH

SUBJECT

MATHEMATICS

TERM

CA1

Section A

Q1 4 Q2 1 Q3 4 Q4 2 Q5 4

Section B

Q6

79 034

Q7

78 160

Q8

8, 16, 24, 32

Q9

32 240

Q10

300 + 400 = 700

Q11

Factors of 12 → 1 & 3 1,2,3,4,6,12

Factors of $27 \rightarrow \underbrace{1, 3, 9, 27}$

1 % 3

Common factors ⇒ 1 and 3

Q12

2547 - 225 → 2322 2322 ÷ 2 ⇒ 1161 girls

804 x 6 → 4824

 $4824 + 3 \Rightarrow 4827$

Q14

Q13

Kamal \rightarrow 21 x 4 = 84 kg

Peter \rightarrow 84 - 37 \Rightarrow 47 kg

Section C

Q15	$3069 + 3 \rightarrow 1023$
	$1023 \times 4 \Rightarrow 4092$

Q16 Excess
$$\rightarrow$$
 \$14 x 3 = \$42
5u \rightarrow \$317 - \$42 = \$275
1u \rightarrow \$275 \div 5 \Rightarrow \$55

Q17 Excess
$$\rightarrow$$
 \$387 + \$387 + \$264 = \$1038
3u \rightarrow \$9450 - \$1038 = \$8412
1u \rightarrow \$8412 + 3 \Rightarrow \$2804

Q18
$$\$3627 \div 9 \rightarrow \$403$$

 $\$403 \times 4 \Rightarrow \1612

End



AI TONG SCHOOL

2016 MID-YEAR EXAMINATION PRIMARY 4

MATHEMATICS

Date			Total	100
in the same of the	ure :		Section C	32
	NO SOLVEN		Section B	40
		Marks :	Section A	28
Class	: Primary 4			
Name	1		_()	
Do not open the Follow all instru Answer all ques	booklet until you actions.	are told to do so.		
DATE	: 6 May 2016			
DURATION	: 1 h 45 min			

Section A

Questions 1 to 14 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 with a 2B pencil.

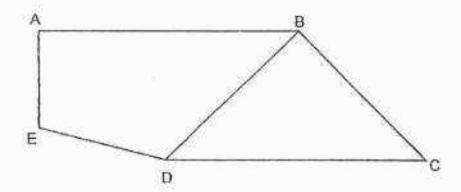
(28 marks)

- 1 Round off 61 805 to the nearest thousand.
 - (1) 60 000
 - (2) 61 000
 - (3) 61 800
 - (4) 62 000
- In which one of the following are the numbers arranged from the smallest to the greatest?

10000	(smallest)		(greatest)	
(1)	2890,	2809,	2089	
(2)	2089,	2890,	2809	
(3)	2890,	2809,	2908	
(4)	2089,	2809,	2890	

- 3 Which of the following statements is incorrect?
 - (1) 3 is a multiple of 39
 - (2) 2 is a common factor of 26 and 54
 - (3) 52 is a multiple of 13
 - (4) 6 is a common factor of 18 and 72

4 Which line in the figure is parallel AB?

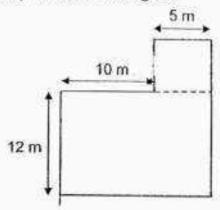


- (1) BC
- (2) AE
- (3) CD
- (4) ED
- 5 What is the quotient when 3294 is divided by 3? .
 - (1) 138
 - (2) 198
 - (3) 1038
 - (4) 1098
- 6 30 506 is 1000 more than____
 - (1) 20 506
 - (2) 29 506
 - (3) 31 506
 - (4) 40 506

- 7 I am a 2-digit number and a factor of 56. When divided by 5, I have a remainder of 4, what number am I?
 - (1) 14
 - (2) 18
 - (3) 24
 - (4) 28
- 8 How many quaeters are there in $3\frac{1}{4}$?
 - (1) 13
 - (2) 12
 - (3) 8
 - (4) 4
 - 9 Find the sum of $\frac{11}{12}$ and $\frac{3}{4}$?
 - (1) $\frac{1}{6}$
 - (2) $\frac{8}{12}$
 - (3) $1\frac{5}{12}$
 - (4) $1\frac{2}{3}$

- Alif has only four 20-cent coins and one 50-cent coin. He puts some coins into his piggy bank. Which one of the following could be the amount he put into his piggy bank?
 - (1) \$1
 - (2) 90¢
 - (3) 30¢
 - (4) \$1.20
- 11 Lily had 3 m of cloth. She used $\frac{5}{9}$ m of cloth to make a dress and $\frac{1}{3}$ m of cloth to make cushion covers. How many metres of cloth were left?
 - (1) $2\frac{1}{9}$ m
 - (2) $2\frac{4}{9}$ m
 - (3) $2\frac{2}{3}$ m
 - (4) $2\frac{8}{9}$ m
- Primary 4 Honesty had 42 students. 5/7 of the students scored Band 1 in the Mathematics test. How many students did not score. Band 1 in the test?
 - (1) 6
 - (2) 12
 - (3) 18
 - (4) 30

The figure below, not drawn to scale, is made up of a rectangle and a square. Find the perimeter of the figure.



- (1) 27 m
- (2) 59 m
- (3) 64 m
- (4) 69 m
- 14 The area of the rectangle shown below is 96 cm² and its breadth is 6 cm. what is the length of the rectangle

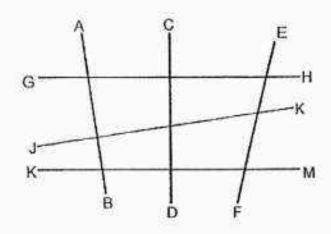


- (1) 16 cm
- (2) 32 cm
- (3) 42 cm
- (4) 44 cm

Committee	-
Section	н
PL 20 24 24 14 14	-

Questions 15 to 34 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks) What is the value of the digit 3 in 43 980? 15 What is the first common multiple of 3 and 5? 16 How many hundreds are there in twenty- two thousand and two hundred? 17 Ans:

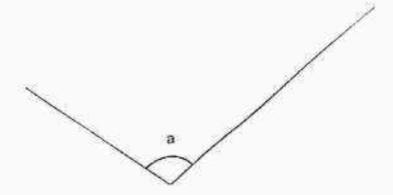
18



Which line is perpendicular to JK?

Ans:				
	-	-	 	_

19 Measure and write down the size of ∠a.

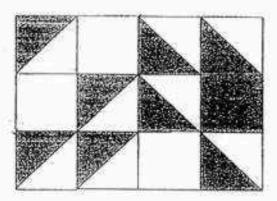


Ans:



Study the clues given and find out this number.	
6 6	
Clues:	
(a) The tens digit is 3 more than the ones digit.(b) The hundreds digit is 4 less than the tens digit.(c) The thousands digit is 3 less than the hundreds digit.	
Ans	
Ans	
A number gives a quotient of 87 and a remainder of 3 when it is divide what is the number?	d by 6.
	d by 6.
	d by 6.
what is the number?	d by 6.

22 The figure below is made up of unit squares. What fraction of the figure is shaded? Give your answer in its simplest form.



Ans:			
MIS.			

23 3 soft toys cost \$8. Mdm Ang bought 42 soft toys for her students. How much did she pay altogether?

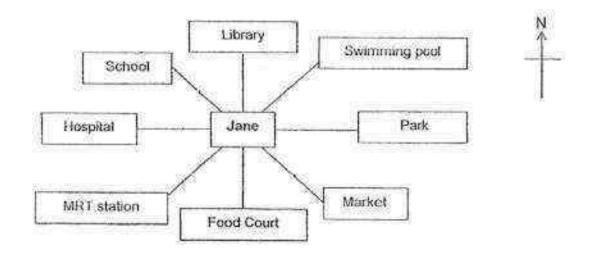
Ans: \$

Ian and Yee Xiang had the same amount of money at first. After Yee Xiang spent 24 \$48 at the shop, Ian had 5 times as much money as Yee Xiang. How much did Yee Xiang have in the end? Mrs Wong made 100 sandwiches for her son's birthday. $\frac{3}{4}$ of the sandwiches were 25 eaten. How many sandwiches were eaten? Ans: Find the product of 473 and 25. Then round off the answer to the nearest ten. 26

Dave walked $\frac{4}{9}$ km on Saturday. He walked $\frac{5}{6}$ km more on Sunday than on Saturday. What was the total distance he walked on two days? Give your answer as a mixed number in its simplest form.

Ans:	ken
NAMES OF THE OWNER	(FAFE)

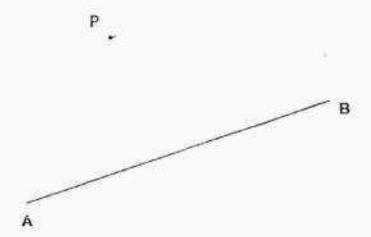
28 Look at the diagram below. Jane was standing in the middle of the open field. After turning 225° in the clockwise direction, she was facing the library. Where was Jane facing at first?



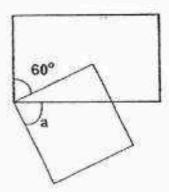
Ans:				
	7	-		



29 Draw a line parallel to AB through the point P.

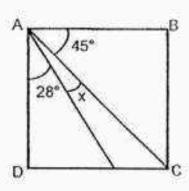


30 The figure below is not drawn to scale. It is made up of a rectangle and a square. Find ∠a.



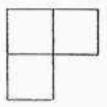
Ans:

31 The figure below is not drawn to scale. ABCD is a square. Find ∠x.





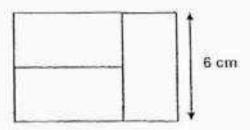
32 The figure below, not drawn to scale, is made up of 3 identical squares. The perimeter of the figure is 48 cm. What is the length of each side of the square?



Ans:		cn
F30352	-	- V-1-

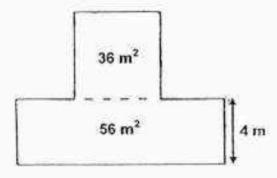


33 3 similar rectangles are used to form the figure below. Each rectangle has a length of 6 cm. Find the area of the figure.



We have been	24
Ans:	C

34 The figure below is made up of a rectangle and a square. The area of the square is 36 m² and the area of the rectangle is 56 m². Find the perimeter of the figure.



	Ans:	m
-		

100	200	Del.	XII.			15000
0	-	20	4:	9	44	C
-	68	g c	54	O		
	-	9	-			_

Questions 35 to 38 carry 3 marks each. Questions 39 to 43 carry 4 marks each. Show your working clearly in the space provided below each question and write your answers in the spaces provided.

(32 marks)

35 240 adults and children bought tickets to visit the Art Museum Singapore. There were 4 times as many children as adults. A child's ticket cost \$6 each. How much money was collected from the sale of child tickets?

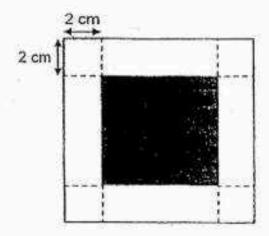
Ans:____[3

36 Regine had some money. After buying 12 similar books, she had \$36 teft. Later she bought 7 similar books and had \$8 left. How much did Regine have at first?

Ahs: ____[3]

P4 Moth Mid-Year Exam 2016

37 The diagram below shows a square coloured paper pasted on a piece of square cardboard. The square coloured paper has an area of 121 cm². The border around the square coloured paper is 2 cm wide. What is the area of the whole piece of cardboard?

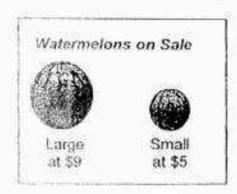


VI (2000)	25252
Ans:	131
4.011604	1 54

Miss Peh had some money. She spent $\frac{1}{3}$ of it on a purse and $\frac{2}{5}$ of it on a shawl. She had \$56 left. How much money did she have at first?

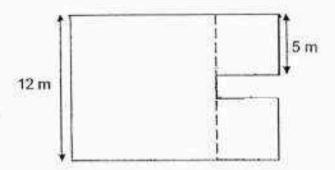


39 Ah Seng sold a total of 38 large and small watermelons at the prices shown below and collected \$246. How many small watermelons did Ah Seng sell?



Ans:	[3
	F = 7
	3

40 The figure below, not drawn to scale, is made up of 1 big square and 2 small identical squares.



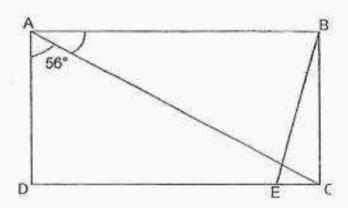
- (a) Find the perimeter of the figure.
- (b) Find the area of the figure.





41	A fruit seller had 30 sold 510 mangoes or remaining mangoes bag?	n Monday a	nd 642 m	nangoes on	Tuesday, He	then packe	d the
90							
- 21							
				Ar	18:		[4]
-							
							1
P4 Math	Mid-Year Exam 2016		10			/	4

- 42 In the figure below, not drawn to scale, ABCD is a rectangle. AC and BE are straight lines. ∠ DAC = 56°. ∠ ABC is twice of ∠ BAC Find
 - (a) ∠ BAC
 - (b) ∠ EBC



Ans: (a) _____[1]

Ans: (b) _____[3

43	In a Reading Programme, there were 36 parent volunteers at first. Each of them we coaching an equal number of students. After 9 parent volunteers left the programme the remaining parent volunteers had to coach 2 more students each. How many students were there in the Reading Programme?	ne,
6		
	Ans:	4]

End of paper Please check your work carefully.

P4 Math Mid-Year Exam 2015

EXAM PAPER 2016 (P4)

SCHOOL: AI TONG

SUBJECT: MATHEMATICS

TERM: SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	1	3	4	2	1	1	4	2
Q11	Q12	Q13	Q14					/	

15)3000

16)15 17)222

18)AB 19)105" 20)62596

21)525

22)5/12 23)\$112

24)\$12

25)75

26)11830

27)113/18km

28)Market

29)

30)60°

$$31)45 + 28 = 73$$

$$33)6 \div 2 = 3$$

$$H = 20$$

$$V = 28$$

$$28 + 20 = 48m$$

$$C \rightarrow 4u \rightarrow 4 \times 48 = 192$$

$$11 + 4 = 15$$

$$4u = $56$$

$$1u = 56 \div 4 = $14$$

39)

Large	Small	Total	Check	
19	19	\$266	X	
18	20	\$262	X	
17	21	\$258	X	
16	22	\$254	X	
15	23	\$250	X	
14	24	\$246	1	

Ans: 24

$$34 + 10 = 44$$

$$44 + 24 = 68m$$

b)5
$$\times$$
 5 = 25

$$5 \times 5 = 25$$

$$25 = 25 = 50$$

$$144 + 50 = 194m$$

$$1440 - 1152 = 288$$

$$42)90 - 56 = 34$$

$$34 + 34 = 68$$

$$90 - 68 = 22$$

$$43)9pv \rightarrow 27 \times 2 = 54$$

1pv
$$\rightarrow$$
 54 \div 9 = 6 total pv = 36 x 6 = 216

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 1 (2016) PRIMARY 4 MATHEMATICS

Booklet A

Frid	6 May 2016	1 h 45 min
rvan	ne:() Class: 4.()	
INS	TRUCTIONS TO PUPILS	
1	Do not turn over the pages until you are told to do so.	
2	Follow all instructions carefully.	
3	There are 20 questions in this booklet.	
4	Answer ALL questions.	
5	Shade your answers in the Optical Answer Sheet (OAS) provided.	

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

Section A

Questions 1 to 20 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). (40 marks)

- What does the digit 9 in 58 928 stand for?
 - (1) 9 tens
 - (2) 9 ones
 - (3) 9 hundreds
 - (4) 9 thousands
- Jonathan travelled 42 458 m on a road trip. Round the distance travelled to the nearest hundred metre.
 - (1) 42 000 m
 - (2) 42 400 m
 - (3) 42 460 m
 - (4) 42 500 m
- 3. Mrs Tan told her four students to arrange four numbers from the greatest to the smallest. Which of her four students had arranged the numbers correctiv?

Bill	51 243,	51 423,	15 234,	14 325
Islah	51 423,	51 243,	15 234,	14 325
Samuel	14 325,	15 234,	51 243,	51 423
Jay	15 234,	14 325,	51 243,	51 423

Bill

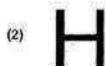
WORLS.

- (2) Isiah
- (3) Samuel
- (4) Jay

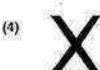
4.	Th	e product of	rij Nakara nasa sasa kansasan kansasan			
10.557	oth	er number?	two numbers is 84.	One of the n	umbers is 3.	What is the
	(1)	28				
	(2)	81				
	(3)	87				
	(4)	252				
5	Wh	at is the rema	inder when 4007 is	divided by 6	?	
	(1)	5				
	(2)	2				
	(3)	3				
	(4)	4				
6.	An e	ven number e following is	when rounded to th the greatest possil	e nearest tho	usand is 700 iis even num	00, Which
6.	An e of the	ven number e following is 6998	when rounded to th the greatest possil	e nearest tho ble value of th	usand is 700 iis even num	00, Which ber?
6.		3.0	greatest possi	ole value of th	ils even num	00, Which ber?
6.	(1)	6998	and greatest possi	ole value of th	ils even num	00. Which ber?
6.	(1) (2)	6998 7008	greatest possi	ole value of th	ils even num	00, Which ber?
84.	(1) (2) (3) (4)	6998 7008 7498 7500	greatest possi	ble value of the	ils even num	00. Which ber?
84.	(1) (2) (3) (4) Which	6998 7008 7498 7500	and greatest possi	ble value of the	ils even num	00. Which ber?
84.	(1) (2) (3) (4) Which	6998 7008 7498 7500 of the follow	greatest possi	ble value of the	ils even num	00, Which ber?
6.	(1) (2) (3) (4) Which	6998 7008 7498 7500	greatest possi	ble value of the	ils even num	00, Which ber?

- 8. Which of the following statements is incorrect?
 - (1) 10 tens × 5 = 50 tens
 - (2) The product of 246 and 6 is 4.1
 - (3) 100 000 = 1000 hundreds
 - (4) 960 + 960 + 960 + 960 + 960 = 960 × 5
- Mary's violin class started at 11.15 a.m. It lasted for 90 minutes.
 What time did her violin class end?
 - (1) 12.05 a.m.
 - (2) 12.05 p.m.
 - (3) 12.45 a.m.
 - (4) 12.45 p.m.
- 10. Which of the following letters has perpendicular lines?





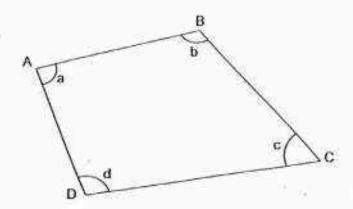
(3)



- 11. John was facing North-West. He then made a 3/4 -turn in an anti-clockwise direction. Which direction does he face now?
 - (1) East
 - (2) West
 - (3) North-East
 - (4) South-West

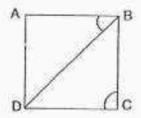


- 12. Which of the fractions below is smaller than $\frac{2}{3}$?
 - (1) $\frac{3}{4}$
 - (2) $\frac{1}{2}$
 - (3) $\frac{4}{5}$
 - (4) $\frac{5}{6}$
- 13. Which of the following statements about the angles is correct?

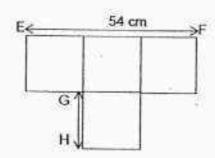


- (1) ∠ABC = ∠a
- (2) ∠ADC = ∠b
- (3) ∠BCD = ∠c
- (4) ∠CBA = ∠d

14. ABCD is a square. What is the sum of ∠ABD and ∠BCD?

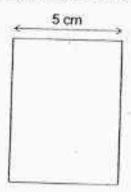


- (1) 45°
- (2) 90°
- (3) 135°
- (4) 225°
- 15. The figure below is made up of 4 identical squares. The length of EF is 54 cm. What is the length of GH?



- (1) 9 cm
- (2) 18 cm
- (3) 27 cm
- (4) 36 cm

The area of the rectangle below is 90 cm². Find its perimeter.



- (1) 18 cm
- (2) 23 cm
- (3) 46 cm
- (4) 85 cm

17. There are some pupils in a room. The pupils can be arranged in groups of 6 or 9 without any remainder. How many pupils are there in the room?

- (1) 48
- (2) 72
- (3) 84
- (4) 96

18. Adam had six \$2 notes. He exchanged all his money for 50-cent coins. How many coins did he get?

- (1) 10
- (2) 12
- (3) 18
- (4) 24

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 1 (2016) PRIMARY 4 MATHEMATICS

Booklet B

Frid	ау	6 May 2016		1 h 45 min
· √an	16.	Class: 4.(3	
INS	TRUCTIONS TO PUPILS	25		
1	Do not turn over the pages u	intil you are told to do so	э.	
2	Follow all instructions careful	lty.		
3	There are 25 questions in the	is booklet.		
4	Answer Al Lauestions			

Section	Possible Marks	Marks Obtained
A	40	
В	40	
С	20	
Total	100	

This question paper consists of 12 printed pages (inclusive of cover page).

19.	A cu Wha	p can hold 250 ml of water. t is the capacity of the jug?	A jug can hold 9 such cups of water.
	(1)	1 t 850 ml	

(3) 18 t 50 ml

2 t 250 ml

(2)

- (4) 22 t 50 ml
- 20. Melvin needs to guess a number. He is told that the number is a factor of 48. When 8 is added to the number, it becomes a multiple of 6. What is the number?
 - (1) 6
 - (2) 12
 - (3) 16
 - (4) 24

End of Booklet A

	154400 mm	7
	tion	
300	mon	
		_

Questions 21 to 40 carry 2 marks each. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated. (40 marks)

21. 80 000 + 700 + 60 + 1 = ______

22. What is the missing number in the number pattern?

22. 476, 22 296, ______, 21 936, 21 756

 Melissa spent \$34 785 on her house renovation and \$17 394 on a new set of furniture. How much did she spend in total? Round your answer to the nearest thousand.

\$

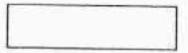
24. Find the product of 507 and 16.

2

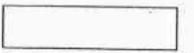
Sub - total:

25.	What is the second common multiple of 3 and 9?
26.	Mr Wu wrote a number on a card without showing it to his class: He gave his class three clues to find the number. • It is a multiple of 4.
	 It is between 30 and 45. When it is divided by 3, the remainder is 1.
	What is the number?
90	
27.	When a number is divided by 7, it has a quotient of 216 and a remainder of 5. What is the number?
	3 Sub - total:

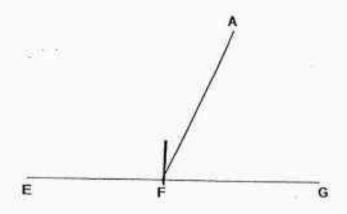
28. The sum of 2 numbers is 213. The greater number is 154. What is the difference between the 2 numbers?



29. Joe had four times as many stickers as Pete. They have 7005 stickers altogether. How many more stickers does Joe have than Pete?



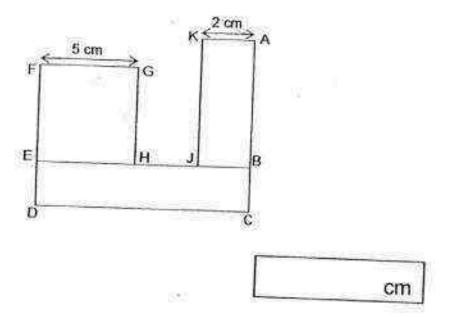
In the figure below, EFG and AF are straight lines.
 Measure ∠EFA.



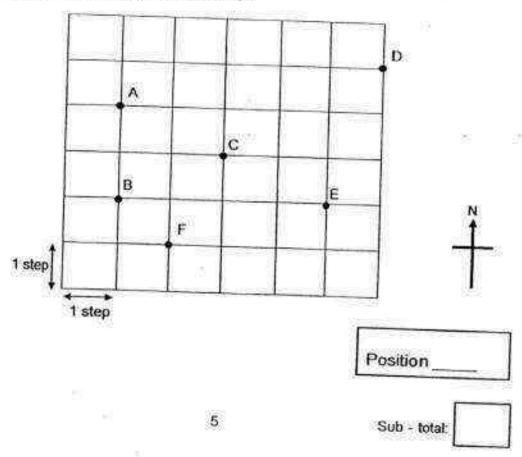
4

Sub - total:

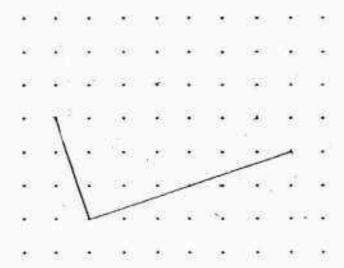
 The figure shows a square EFGH and two rectangles BCDE and ABJK. DC is twice as long as FG. Find the length of HJ.



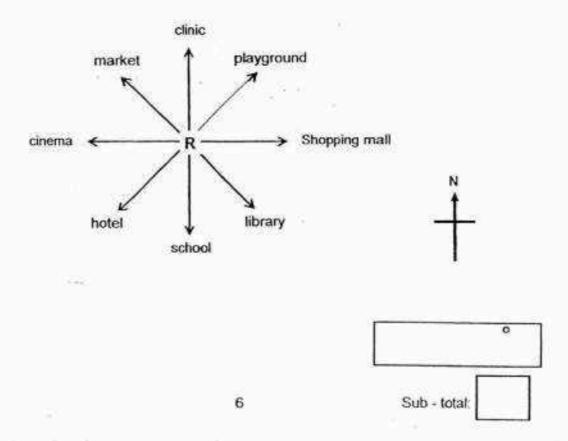
32. Look at the diagram below. Samy started at Position C. He walked 1 step to the west, 2 steps to the north, 3 steps to the east and then 3 steps to the south. At which position did he end up?



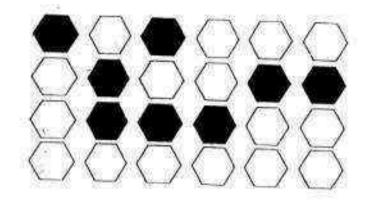
In the space provided below, two sides of a rectangle have been drawn.
 Complete the drawing of the rectangle using the lines given.



34. Mrs Sue is standing at point R in the diagram below. She is facing the playground. How many degrees will she need to turn in a clockwise direction to face the cinema?



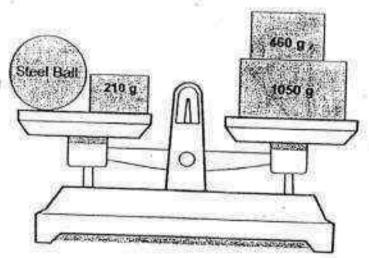
35. What fraction of the tiles is shaded?



tim



36. In the figure below, what is the mass of the steel ball?



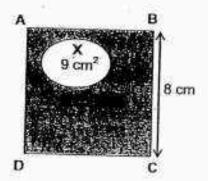
g	
0	

The television programme for Channel 1 on Monday is shown below.
 Write down the title of the programme that is 1 hour long.

Television Programme

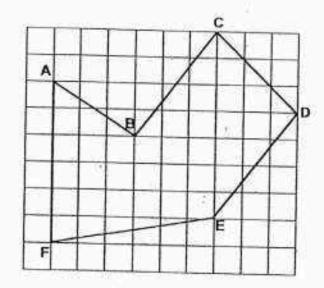
	CHANNEL I	MONDAT
	7,00 a,m.	Morning Live Show!
	8.30 a.m.	A.M. News
	9.00 a.m.	Healthy Living
	10.00 a.m.	Asian Food Delicacies
7.		
88.	Maiam had 1 metre of ribbon to make a flower. How much	She used $\frac{1}{12}$ metre to wrap a present and $\frac{1}{3}$ metre ribbon had she left?
		m
		8 Sub - total:
	- 20	

39. In the figure below, ABCD is a square. BC = 8 cm. The unshaded part marked X has an area of 9 cm². What is the area of the shaded part?



cm²

Name a pair of parallel lines in the diagram below.



Sub - total:

Section C

Questions 41 to 45 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statements. (20 marks)

- The farmer had 1287 apples. After throwing away 215 rotten ones, he sold the remaining apples in packets of 8.
 - a) How many packets of apples did he sell?
 - b) The farmer sold each packet of apples for \$5. How much did he receive from the sale of the apples?

- 42. Mrs Tan had \$3923. She went shopping and spent \$399 on a printer. She used the remaining amount of money to buy a lamp and a computer. The computer cost \$1826 more than the lamp.
 - a) How much did she pay for the lamp and the computer?
 - b) How much did she spend on the lamp?

Sub	total:	

43. Aaron is 36 years old and his daughter is 6 years old. In how many years' time will he be three times his daughter's age?

44. There were twice as many fiction books as non-fiction books in the school library. The pupils borrowed 2954 fiction books. There were four times as many non-fiction books as fiction books in the end. How many non-fiction books were there in the school library?

11

Sub - total:

45. Minah and Kelly have the same number of stamps each. After Minah gave away 276 stamps and Kelly gave away 108 stamps, Kelly had thrice as many stamps as Minah. How many stamps did Minah and Kelly each have at first?

End of Booklet B

12

Sub - total:

EXAM PAPER 2016

LEVEL : PRIMARY 4

SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)

SUBJECT: MATHS

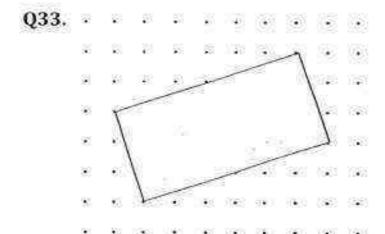
TERM : SA1

Q 1	Q2	Q 3	Q 4	Q 5	Q 6	Q 7	Q8	Q9	Q 10
3	4	2	1	1	3	2	2	4	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	2	3	3	2	3	2	4	2	3

Q21. 80761 Q22. 22116 Q23. 52000 Q24. 8112

Q25. 18 Q26. 40 Q27. 1517 Q28. 95

Q29. 4203 Q30. 115° Q31. 3 Q32. E



Q34. 225

Q35. $\frac{1}{3}$

Q36. 1300

Q37. Healthy living

Q38. $\frac{7}{12}$

Q39.55

Q40. CB // DE

Q41.1287 - 215 = 1072

 $1072 \div 8 = 134$

134 X 5 = 670

Answer: a) 134 packets b) \$670

Q42.3923 - 399 = 3524

3524 - 1826 = 1698

 $1698 \div 2 = 849$

Answer: a) \$3524 b) \$849

Q43. 2 units = 30

1 unit = 15

15 - 6 = 9

Answer: 9 years time

Q44. 7 units = 2954

1 unit = 422

422 X 4 = 1688

Answer: 1688 non-fiction books

Q45.276 - 108 = 168

2 units = 168

1 unit = 84

84 + 276 = 360

Answer: Minah and Kelly had 360 stamps each at first.

Name:	()
Class : Primary 4		

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics
2016 Semestral Assessment One

Booklet A 10 May 2016

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

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

This booklet consists of 10 printed pages including the cover pages.

Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1.	Twenty-two thousand and nineteen in figures is
	1) 2219
	2) 22 019
	3) 22 190
	4) 22 910
2.	64 thousands and 7 tens is the same as
	1) 647
	2) 6470
	3) 64 070
	4) 64 700
	76
3.	The difference between the total value of the digits 3 and 8 in 40 382 is
	1) 220
	2) 222
	3) 2200
	4) 2992

A	two was a day	Alexan .	fall assina	margareth man	market many
4. C	ombiete	me	following	numper	pauem.

2891 , 2894 , 2897 , , , , , , 2906

- 1) 2898, 2899
- 2) 2898, 2905
- 3) 2900, 2903
- 4) 2900, 2904

5. Which of the following numbers becomes 75 000 when rounded off to the nearest ten?

- 1) 74 935
- 2) 74 995
- 3) 75 094
- 4) 75 134

6. Which one of the following has the least number of factors?

- 1) 9
- 2) 12
- 3) 13
- 4) 18

Which of the following is not a multiple of both 4 and 6 ?
1) 24
2) 36
3) 60
4) 78
Find the product of 3864 and 7.
1) 27 048
2) 27 044
3) 25 588
4) 21 628
Between the numbers 10 and 33, how many times does the digit 2 appears ?
1) 10
2) 11
3) 12
4) 13

10. What is the missing number in the box?

- 1) 126
- 2) 129
- 3) 1268
- 4) 1269
- 11. When a number is divided by 4, the quotient is 616 and the remainder is
 - 1. What is the number?
 - 1) 104
 - 2) 154
 - 3) 2464
 - 4) 2465
- 12. Arrange the following fractions from the greatest to the smallest.

$$\frac{7}{18} \cdot \frac{5}{6} \cdot \frac{7}{9}$$

(greatest)

(smallest)

- 1) $\frac{5}{6}$, $\frac{7}{18}$, $\frac{7}{9}$
- 2) $\frac{5}{6}$, $\frac{7}{9}$, $\frac{7}{18}$
- 3) $\frac{7}{9}$, $\frac{5}{6}$, $\frac{7}{18}$
- 4) $\frac{7}{18}$, $\frac{7}{9}$, $\frac{5}{6}$

13. How many one- thirds are there in 4 wholes?

- 1) $\frac{3}{4}$
- 2) $1\frac{1}{3}$
- 3) 7
- 4) 12

14. Which of the following fractions is in its simplest form?

- 1) $\frac{4}{12}$
- 2) $\frac{6}{9}$
- 3) $\frac{6}{18}$
- 4) $\frac{2}{9}$

15.	Dorothy gave 4/7 ofher pens away and had 84 pens left. How many pens did
	she have

- 1) 196
- 2) 147
- 3) 132
- 4) 112

 Felicia drank 12/3L of water on Monday, She drank 1/6 L more water on Tuesday than on Monday. How much water did she drink on

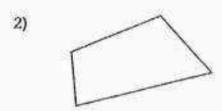
- 1) 1 $\frac{1}{3}$ (
- 2) 1 ½ ℓ
- 3) 1²/₃ /
- 4) 1 5 ℓ

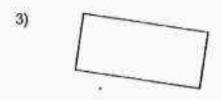
17. A 3/4 turn is ______ 6

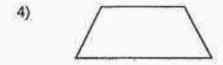
- 1) 90
- 2) 180
- 3) 270
- 4) 360

18. Which of the following figures shows a rectangle?

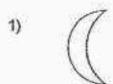








19. Which of the following is not a symmetrical figure?

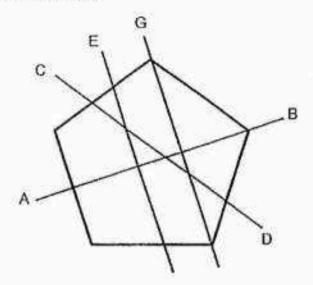








20. Study the figure below. All the sides of the five-sided figures are equal. Which is the correct line of symmetry?



- 1) AB
- 2) CD
- 3) EF
- 4) GH

- END OF BOOKLET A -

Name:	()
Class : Primary 4		

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics 2016 Semestral Assessment One

Booklet B

10 May 2016

Booklet A:	/ 40
Booklet B:	/ 60
Total :	/ 100

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

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

Answer all questions.

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

Section B; (20 x 2 marks)

Do not write in this space

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

21. 3009 - 542 =

Ans : _____

Use the following cards below to form the smallest 4-digit odd number.
 Each card can only be used once.









Ans:_____

23. Melissa used 86 beads to string a necklace. How many beads did she use to string 20 similar necklaces?

Ans : _____

24.	What is the sum of the 5th multiple of 6 and the 3rd multiple of 8?	Do not write in this space
12		
	is ;	
25.	A number is a common factor od 21 and 28. The number is more than 5 What is the number?	
	**	
	Ans:	
26,	40 children attending a birthday party were made to queue up in a single file when entering the function room. Every 4th pupil in the queue received a pencil and every 6th pupils in the queue received an araser. How many pupils received both a pencil and an eraser?	
	Ans :	

27.	Mary spends \$1395 each month. Sumithi spends 6 times as much as Mary How much do Sumithi and Mary spend altogether each month?	Do not write in this space
¥		
	Ans : \$	
28.	What is the remainder when 6053 is divided by 8?	
	Ans :	

29. Shannon has 182 sweets. She packs them into party bags to distribute to her friends. Each party bag can hold at most 5 sweets. What is the least number of party bags needed for her to pack all the sweets? Do not write in this space

Ans : _____

30. What is the missing number in the box?

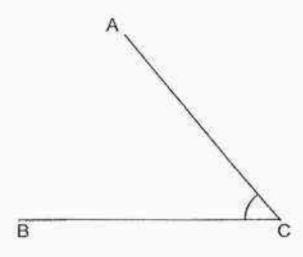
$$\frac{4}{7} = \frac{?}{14}$$

Ans : _____

13 pizzas were shared equally among 9 children. What fraction of the pizzas did each child receive? Express your answer in its simplest form.		write in this space
	Ans :	
Find the value of 1 - 1/2 - 1/5	· · · · · · · · · · · · · · · · · · ·	
	Ans :	
	pizzas did each child receive? Express your a	Ans: Find the value of 1 - 1/2 - 1/5

77.00		
E		
н	G	
		Ans : and
		Ans : and
oox. What	9 green buttons, 1 t fraction of the but lest form.	Ans: and 13 orange buttons and 12 yellow buttons in a ttons are yellow buttons? Express your answer
oox. What	t fraction of the but	13 orange buttons and 12 yellow buttons in a
oox. What	t fraction of the but	13 orange buttons and 12 yellow buttons in a
oox. What	t fraction of the but	13 orange buttons and 12 yellow buttons in a
oox. What	t fraction of the but	13 orange buttons and 12 yellow buttons in a

35. Measure and write down the size of ∠ACB



Do not write in this space

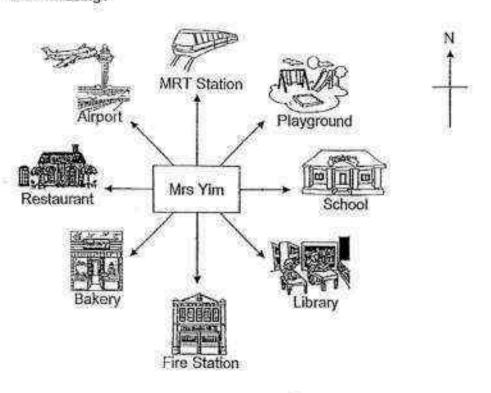
Ans:

Complete ∠ PQR = 95° with the given line QR. Mark and label the angle.

Q R

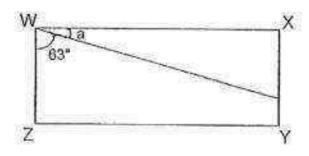
37. Mrs Yim was facing north. She turned 225° clockwise. Which place would she be facing?

Do not write in this space



Ans : _____

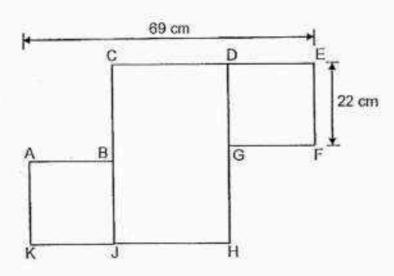
38. In the figure, WXYZ is a rectangle. Find Za.



Ans :______

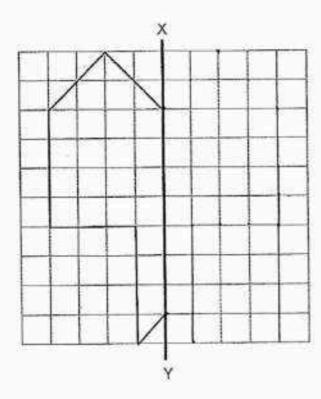
39. The figure below, not drawn to scale, is made up of 2 similar squares, ABJK and DEFG, and a rectangle CDHJ. Find the length of JH.

Do not write in this space



Ans: cm

 XY is the line of symmetry. Complete the symmetric figure on the square grid below.



Section C: (20 marks)

Solve the following problems. All mathematical working and statements must be shown clearly.

Do not write in this space

41. Bianca had twice as many buttons as Candice at first. After Biance bought another 40 buttons, she had 7 times as many buttons as Candice How many buttons did Biance have at first?

Ans:____[3]

42.	Mei Qin bought 36 boxes of oranges to sell at a carnival. Each box contained 120 oranges. She sold 2453 oranges in the morning. How many oranges did Mei Qin have left?	Do not write in this space
	Ans: 13	

43.	5 similar bags and 1 wallet cost \$473.		Do not write in this space
	1 bag and 1 wallet cost \$117		4
	What is the cost of 1 wallet?		
			-
			111
			1
			ł
		Ans :	[3]
		Alia.	[3]

44. There were 216 children at a stadium at first. After 8 children left the stadium, ¹/₄ of them were girls. How many girls were there at the stadium in the end?

Do not write in this space

Ans:____[3]

45.	Miranda bought 90 buns. She packed some buns into a box. She could pack a miximun of 24 buns the box. However, she only packed $\frac{5}{6}$ of the box with buns. How many buns were not packed?	Do not write in this space

Ans:____

46.	Lynette baked some marble cakes, walnut cakes and fruit cakes. $\frac{1}{9}$ of them	Do not write in this
	were marble cakes and $\frac{1}{3}$ of them were walnut cakes. She baked 180 fruit	space
	cakes.	
	(a) What fraction of the cakes were fruit cakes?	
	(b) How many cakes did Lynette bake in all?	
	S\$3	
	A	

END OF PAPER

EXAM PAPER 2016 (P4)

SCHOOL: CHIJ

SUBJECT: MATHEMATICS

TERM: SA1

01	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	1	3	2	3	4	1	3	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	2	4	4	1	4	3	3	4	1

21)2467 22)2067 23)1720

24)54

25)7

26)3

27)1395 x 6 = 8470

1395 + 8370 = \$9765

28)6053÷8 = 756 R5

Ans:5

29)182 x 5 = 36 R2

36 + 1 = 37

30)8

31)14/9

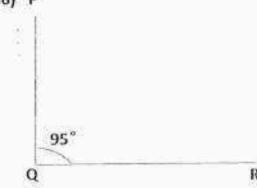
32)3/10

33)E and F

34)6/17

35)50°

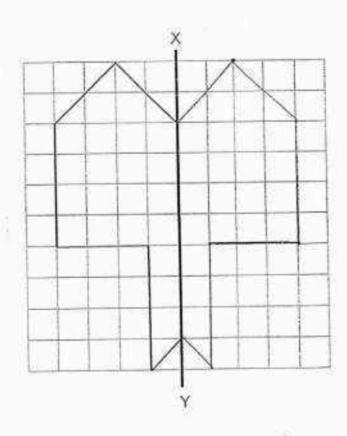
36) P



37)Bakery

$$69 - 44 = 25$$
cm

40)



41)5 units →40

1 unit
$$\rightarrow$$
 40 \div 5 = 8

Bianca had 16 buttons at first.

42)120 x 36 = 4320

Mei Qin had 1867 oranges left.

43)5 bags + 1 wallet→\$473

1 bag
$$\rightarrow$$
 356 \div 4 = 89

1 wallet
$$\rightarrow$$
 117 - 89 = 28

The cost of 1 wallet is \$28

There were 52 girls at the stadium in the end.

 $45)24 \div 6 = 4$

$$90 - 24 = 66$$

$$66 + 4 = 70$$

70 buns were not packed.

5/9 of the cakes were fruit cakes.

b)5 units → 180

1 unit
$$\rightarrow$$
 180 \div 5 = 36

9 units
$$\rightarrow$$
 36 x 9 = 324

Lynette baked 324 cakes in all.



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1 Primary 4 MATHEMATICS

10 MAY 2016

BOOKLET A

20 questions

40 marks

Total Time For Booklets A and B: 1 h 45 min

NAME : _____

CLASS : PRIMARY 4

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A $(20 \times 2 = 40 \text{ marks})$

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.

- The value of digit 8 in 98 423 is
 - (1) 8
 - (2) 800
 - (3) 8000
 - (4) 80 000
- 2. How many tens are there in 62 110?
 - (1) 10
 - (2) 110
 - (3) 211
 - (4) 6211

3.

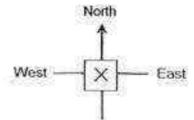


The figure shows a tree next to a three-storey building. Which one of the following could be the height of the tree?

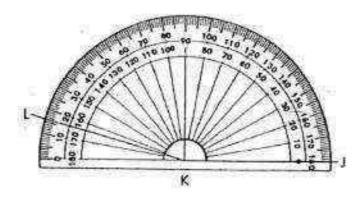
- (1) 1 m
- (2) 10 m
- (3) 100 m
- (4) 1000 m

4.	51	g 10 g i	is the sar	me as		
	(1)	501	g			
	(2)	510	g			
	(3)	501	0 g			
	(4)	510	0 g			
5.	The	factors	of 63 ar	e 1, 3	.7,,	and 63.
	(1)	7 an	d 9			
	(2)	8 an	d 9			
	(3)	9 an	d 21			
	(4)	11 a	nd 21			
5.		ch of the	etters	below	is symmetrica	11?
	(1)	F				
	(2)	Н				
	(3)	N				
	(4)	Q		T.		
	71					
•			ne tirst 3	multip	oles of 6 is _	
	(1)					
	(2)					
	(3)	18				

- 8. When rounded off to the nearest ten, there are 4860 cans of food collected during a food donation drive. Which of the following is the actual number of cans collected?
 - (1) 4865
 - (2) 4864
 - (3) 4854
 - (4) 4851
- Xavier is standing on point X, facing West.
 After making half a turn in an anti-clockwise direction, where will be facing?
 - (1) East
 - (2) West
 - (3) North
 - (4) South

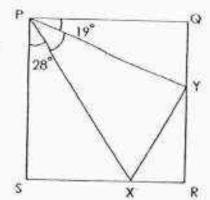


10. What is the size of angle JKL in the diagram below?



- (1) 16°
- (2) 24°
- (3) 164°
- (4) 176°

- 11. Which one of the following fractions is greater than 4/5?
 - (1) $\frac{8}{9}$
 - (2) $\frac{9}{12}$
 - (3) 3/5
 - (4) $\frac{1}{2}$
- PQRS is a square. The angles in the diagram are not drawn to scale. Find Z XPY.
 - (1) 43°
 - (2) 47°
 - (3) 53°
 - (4) 62°



Arrange the following fractions from the smallest to the greatest.

$$\frac{3}{4} \cdot \frac{2}{3} \cdot \frac{5}{8}$$

(smallest) (greatest)

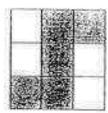
- (1) $\frac{2}{3}$, $\frac{3}{4}$, $\frac{5}{8}$
- (2) $\frac{2}{3}$, $\frac{5}{8}$, $\frac{3}{4}$
- (3) $\frac{3}{4}$, $\frac{5}{8}$, $\frac{2}{3}$
- (4) $\frac{5}{8}$, $\frac{2}{3}$, $\frac{3}{4}$

14. Each figure below is made up of nine squares. Five squares in each figure are shaded. Which one is a symmetric figure?

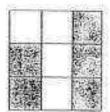
(1)



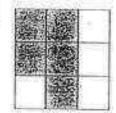
(2)



(3)



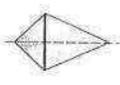
(4)



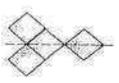
15. In which of the following figures is the dotted fine a line of symmetry?



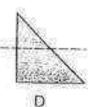
A



R



C

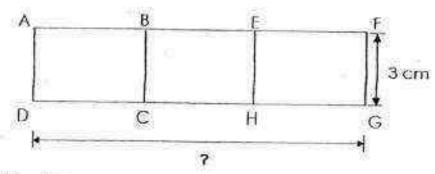


- (1) B only
- (2) A and B
- (3) A and D
- (4) B and C

16. Jason spent 45 minutes watching the show "Frogman". He then spent 1 hour 25 minutes watching "Planet Wars". How long did he spend watching both shows?

- (1) 80 minutes
- (2) 85 minutes
- (3) 130 minutes
- (4) 170 minutes

17. The figure is made up of three identical rectangles ABCD, BEHC and EFGH. The area of each rectangle is 15 cm². What is the length of DG?



- (1) 5 cm
- (2) 8 cm
- (3) 9 cm
- (4) 15 cm
- 18. Tristan has 25 coins with a total value of \$8. They are a mixture of 20¢ coins and 50¢ coins. How many 20¢ coins does Tristan have?
 - (1) 10
 - (2) 15
 - (3) 16
 - (4) 20
- Toothpicks are used to form the figures below. Figure 1 is formed using 4 toothpicks. Figure 2 is formed using 7 toothpicks.

			CT TT	2
igure 1	Figure 2	Figure 3	Figure 4	3,3

How many toothpicks are needed to form Figure 7?

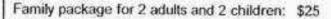
- (1) 9
- (2) 16
- (3) 22
- (4) 28

The prices of tickets for a roller coaster ride are shown below.

FunRide on a Roller Coaster!

Adult: \$10

Child: \$6



Mr Williams went on the ride with his wife and three children. What was the least amount the family had to pay for the ride?

- (1) \$28
- (2) \$31
- (3) \$38
- (4) \$42

End of Booklet A Go on to Booklet B



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1 Primary 4 MATHEMATICS

10 MAY 2016

BOOKLET B

25 questions

60 marks

Total Time For Booklets A and B: 1 h 45 min

NAME:	110	(
CLASS : PRIMARY 4		
CLASS : PRIMARY 4		

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

MARKS (OBTAINED:	
BOOKLET A:	I 40	
BOOKLET B:	160	
TOTAL :	/100	

21.	What is the first common multiple of 6 and 8?
	Answer.
22.	Use the digits below to form the smallest 5-digit odd number.
	8, 3, 0, 7, 2
1	
	Answer
23.	When a number is divided by 9, the quotient is 312 and the remainder is 6. What is the number?
	Answer:
24.	Danny took 100 minutes to bake a cake. He started at 4.00 p.m. At what time did he finish baking the cake?
	8
	Answer:p.m
14	1 SCORE (Go on to the next page

Section B (20 x 2 = 40 marks)

P P P P P P P P P P P P P P P P P P P	ADDRESS.	Do not wile in his pace.
	Answer:e	
26. Fill in the blanks with kg or g. (a) A packet of chicken rice we (b) Your classmate weighs 42		ā
	Answer: (a)(b)	
27. Box B weighs 860 g more than B Box A. The total mass of the 3 b	Box A. Box C weighs 4 times as much as poxes is 4178 g. Find the mass of Box A.	
	Answer: g	
21 76	2 SCORE (Go on to the next page)	

28. The dotted line XY is the line of symmetry for the figure below. Do not What is the least number of squares that must be shaded in order to write in complete the symmetric pattern? this space Answer 29. The figure is made up of two rectangles ABEF and BCDE. The angles are not drawn to scale. Find ∠ FBD. В 28° 60° E D Answer: 3 SCORE (Go on to the next page)

30.	Mrs Tan had a cake. She gave $\frac{1}{3}$ of it to Joseph and $\frac{1}{2}$ of it to Alice. What fraction of the cake has Mrs Tan left?	Do not write in this space.
31,	Answer: There are 20¢ coins in a box. They add up to a value of \$8.60. How many of such coins are there in the box?	
	Answer	
32	Jane puts her sweets into goodie bags. Each goodie bag contains the same number of sweets. If she puts 2 sweets, 4 sweets or 7 sweets into each goodie bag, she will not have any sweets left. What is the smallest possible number of sweets Jane has?	
	Answer:	
	4 SCORE (Go on to the next page)	

33. Mrs Goh had 10 m of cloth. She used 5 m 60 cm of it to make a dress and 105 cm of it to make some ribbons. How much cloth had she left? Express your answer in cm.

Do not write in this space

Answer. ____cm

34. What fraction of the figure is shaded?



Answer:

35. Look at the equation below.

$$\frac{8}{12} = \frac{X}{6} = \frac{2}{Y}$$

Find the values of X and Y.

Answer X.

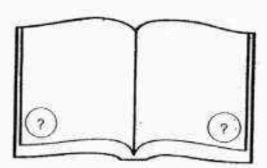
Ý:____

- SCORE (Go on to the next page)

36	Gilbert and Shawn had a total of 86 stickers at first. After Gilbert gave 13 stickers to Shawn, both of them have an equal number of stickers. How many stickers did Gilbert have at first?	Do not write in this space.
	Answer:	
37	The cost of 6 files and 10 markers is equal to the cost of 4 storybooks. How many storybooks cost as much as 9 files and 15 markers?	
*		
	Answer:	
38.	There are 8 more cows than ducks on a farm. They have 1004 legs altogether. How many ducks are there on the farm?	. *
	Answer:	
	6 SCORE (Go on to the next page)	

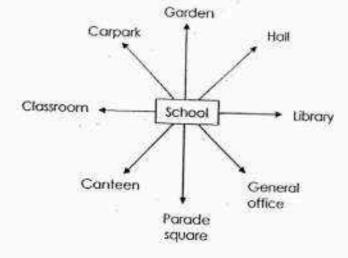
39. There are 30 pages in a storybook. The product of two page numbers facing each other is 420. What are the numbers on these two pages?

Do not write in this space



Answer: _____ and ____

40. James is facing the canteen. He turns 135° anti-clockwise and makes 1/4 turn in the clockwise direction. Where is he facing now?



Answer: _____

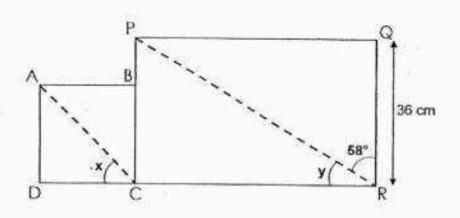
7

SCORE (Go on to the next page)

1.	A fruit seller has 364 green apples, She has 3 times as many red apples as green. She puts all the apples equally into 7 boxes, How many apples are there in each box?	apples.			
	She has 3 times as many red apples as green. She puts all the apples equally into 7 boxes.	apples.			
	She puts all the apples equally into 7 boxes,	approx.			
	How many apples are there in each box?				
				A	
				1	
				-	
	180				
				12	
				- 1	
	X		8		
	Āns	wer:		[4]	
		SSSILE		_ [9]	

 The figure below is not drawn to scale. It is made up of a square ABCD and a rectangle PQRC. BC is twice as long as PB. QR = 36 cm.

Do not write in this space



- (a) Find the length of PB.
- (b) Find the sum of ∠ x and ∠ y.

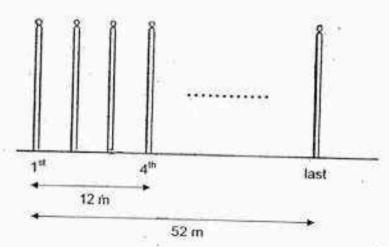
Answer: (a) _____ [2]

(b) _____[2]

9

SCORE (Go on to the next page) 43. Some flag poles are arranged in a straight line, at an equal distance from one another. The distance between the 1st and the last flag pole is 52 m. The distance between the 1st and the 4th flag pole is 12 m. How many flag poles are there altogether?

Do not write in this space



Answer:_____[4]

10 SCORE (Go on to the next page)

pl	dam, Ben, Charles, Dar lay badminton. Each of ow many matches of ba	them is to play	against each other	r only once.	Do no write this space
	•			2	
	a				
			4.9		
	80				
					<u>(</u>).
			Answer:	[4]	
		11	:	nann	J F
		- E1	(Go on to	SCORE the next page)	

Study the figures below carefully. 45. Do not write in this space Figure 1 Figure 2 Figure 3 No. of squares Figure No. No. of squares No. of triangles and triangles 1 1 1 2 2 2 4 6 3 3 12 (a) Find the number of triangles in Figure 6. (b) Find the total number of squares and triangles in Figure 10. Answer: (a) [2] (b) [2] End of PAPER

12

YEAR 2016

LEVEL PRIMARY 4

SCHOOL MARIS STELLA HIGH

SUBJECT MATHEMATICS

TERM SA1

Booklet A

Q1 3	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	1	4	1	4	3	4	2	3	2

13

Booklet B

Q21 24

Q22 20387

Q23 2814

Q24 5:40pm

Q25 110°

Q26a g

Q26b kg

Q27 4178 - 860 = 3318

 $3318 \div 6 \Rightarrow 553g$

Q28 4

Q29 $60 + 28 = 88^{\circ}$

 $180 - 88 \Rightarrow 92^{\circ}$

 $\frac{\frac{12}{12} \cdot \frac{10}{12}}{\frac{2}{12} \cdot 2} = \frac{2}{12}$ $\frac{2}{12} \cdot 2 \Rightarrow \frac{1}{6}$ Q30

Q31 20⊄ x 5 = \$1

20⊄ x 3 = 60⊄

 $800 \div 20 = 40$

40 + 3 ⇒ 43 coins

Q32	28
Q33	1000 – 665 ⇒ <u>335cm</u>
Q34	5 12
Q35	X: 4 Y: 3
Q36	86 ÷ 2 = 43 43 + 13 ⇒ 56 stickers
Q37	6F + 10M = 4SB 3F + 5M = 2SB 9F + 15M ⇒ 6 storybooks
Q38	1004 – 32 = 92 972 + 6 ⇒ 162 ducks
Q39	20 and 21
Q40	Parade square
Q41	364 x 3 = 1092 1092 + 364 = 1456 1456 ÷ 7 ⇒ 208 apples
Q42a	12 cm
Q42b	77°
Q43	12 + 3 = 4 52 + 4 = 13 $13 + 1 \Rightarrow 14 \text{ flag poles}$
Q44	4+3+2+1 ⇒ 10 matches
Q45a	6 x 6 ⇒ <u>36 triangles</u>
Q45b	10 x 11 ⇒ 110 total

End

METHODIST GIRLS' SCHOOL (PRIMARY)



MID-YEAR EXAMINATION 2016 PRIMARY 4 MATHEMATICS

(BOOKLET A)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Answer all questions.

Name:		()
Class:	Primary 4	====\V.V.	133

Date: 10 May 2016

This booklet consists of 7 printed pages including this page.

Sec	tion A	: MCQ (36 marks)		
Que	estion	s 1 to 18 carry 2 m	arks each. For each questi	on four ontions a
giv	en. On	e of them is the co	orroct answer. Make your cl	hoice (1 2 3 or 4)
Sha	ide the	correct oval (1, 2	, 3 or 4) on the Optical Ans	wer Sheet
a.	10000000		A Desired Annual Property and American	SCHOOL STATE
((545	cagn	ty-tour thousand an	d five hundred and six writter	n in figures is
	(1)	84 560		
	(2)	84 506		
	(3)	84 056		
	(4)	8 456		
	0.55		331	
		Same INC. II V		
2,	53 th	nousands and 60 ter	ns is the same as	
	(1).	5 360		8 =
	(2)	53 060		
	(3)	53 600		
	(4)	53 610		
	6.28	33 010	8	
3.	Look	at the number patt		
1301	Dimense	TOTAL PARTY OF	32,033,433,830,644	
		65 234, 8	54 344, 63 454,	, 61 674.
	Wha	t is the missing nun	nber?	
	(1)	62 344		
	(2)	62 564		
	(3)	63 444		
	(4)	64 564	G	i i
4.	I thir	k of a number. It is	a multiple of 6, When it is did	ided by 7. it has a
	rema	ainder of 6. What is	the number?	
	(4)	13		
	(2)	42-		
	(3)	48		
	(4)	60		
ull			- th	
5.	Which	ch one of the followi	ing is the first common multip	ole of both 6 and 9?
	(1)	3		
	(2)	18		
	(3)	38		

33

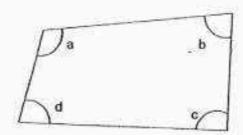
- 6. Which of the following pair of numbers has 7 as a common factor?
 - (1) 1 and 7
 - (2) 14 and 37
 - (3) 36 and 42
 - (4) 42 and 56
- 7. Emily had 653 stamps. When she arranged them equally onto 9 pages of an album, there were some stamps left. How many stamps were there on each page of the album?
 - (1) 5 877
 - (2) 644 -
 - (3) 72
 - (4) 5
- A number when rounded off to the nearest hundred gives 15 700. What is the smallest possible number?
 - (1) 15 720
 - (2) 15.701
 - (3) 15 685
 - (4) 15 645
- 9 The table below shows the number of girls from 4 classes who are in the Friness Club.

Class	Number of pupils
Primary 4 A	15
Primary 4 B	23
Primary 4 C	28
Primary 4 D	

Mr Lim accidentally spilled some ink on his paper. However, he remembered that the number of girls from Primary 4 D is three time's that of the number of girls in Primary 4 A. How many girls are there in the Fitness Ciub altogether?

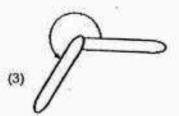
- (1) 111
- (2) 71
- (3) 66
- (4) 45

10. In the figure, which one of the following is an obtuse angle?



- (1) ∠ a
- (2) / h
- (3) ∠ c
- (4) Z d
- 11. Which one of the following shows a turn between $\frac{1}{2}$ and $\frac{3}{4}$?



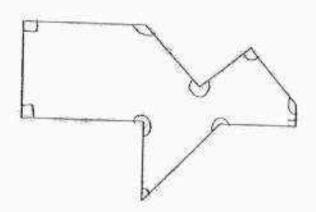






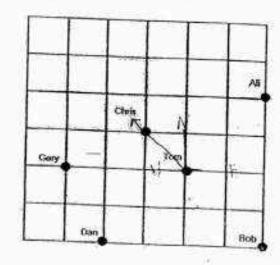
- 12. Find the product of 680 and 38.
 - (1) 25 878
 - (2) 25 840
 - (3) 7480
 - (4) 2584

13.



Look at the figure above. How many right angles are there inside the figure?

- (1) 5
- (2) 6
- (3) 3
- (4) 4
- 14. The following grid shows the position of 6 boys standing in the school field. Who is standing North-west of Tom?





- (1) Ali
- (2) Chris
- (3) Gary
- (4) Dan

15.	Riduan bought 24 boxes of granges. There were 40 were rotten will repacked them into trays of 4 altogether now?	: 15 oranges in each box. . How many trays are there

- (1) 360 (2) 320 (3) 100

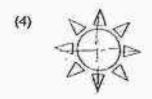
- (4) 80

16. Which one of the following figures has more than one-time of symmetry?

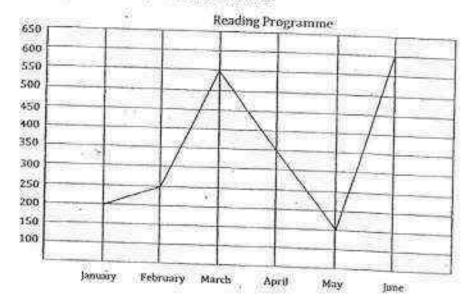








17. The graph below shows the number of participants in a reading programme at the National Library in the first 6 months.



Which period was there the greatest increase in the number of participants?

- January to February
- (2) (3) February to March
- March to May
- (4) May to June
- 18. Andrew wants to buy the same type of notebooks. If he buys 10 notebooks, he will be short of \$6. If he buys 9 notebooks, he will have \$2 left. How much does Andrew have?
 - \$54
 - \$56
 - \$72
 - \$74

End of Booklet A



METHODIST GIRLS' SCHOOL (PRIMARY)

Pounded in 1887



MID-YEAR EXAMINATION 2016 PRIMARY 4 MATHEMATICS

(BOOKLET B)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Answer all questions.

Name:		()
Class:	Primary 4.		
Date:	10 May 2016		



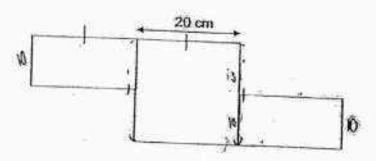
This booklet consists of 8 printed pages including this page.

9.	Write 59 248 in words.		
O,	Use the digits below to form the smalles hundreds place.	st 5-digit add number with 4 in the	
		(Alexandra N	
	3 6 0	1 4	
		Ans;	_
	and the sum of the first two common mu	No.	
	The second of th	imples of 3 and 4.	
51	4 14		
- 14	OF ALCOHOL TO THE PARTY OF THE	Ans:	3
	What is the quotient when 2407 is divided	1 by 7?	
		Ans:	

Section B: (36 marks)
Questions 19 to 36 carry 2 marks each.

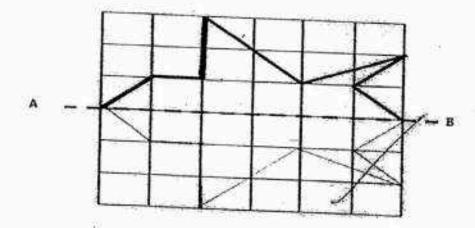
00	Street Street	
4.0	some factors of 36 are 1, 2, 4 and	What are the other remaining factors of 36
		or remaining factors of 30
	6	
		Ans:
A.	D	ruis.
	One carton contains 3 litres of milk.	Pearlyn needs 25 litres of milk for her party.
	What is the least number of cartons	she needs to buy?
		= 15
	42	(4)
		Ans;
5.		
	acket and 6 pairs of sports shoes co shoes cost?	ch as a pair of sports shoes. A squash st \$765. How much does a pair of sports
		Ans: \$
N	irs Lim gave 12 stickers each to 27	
a	way? Round off your answer to the r	ludents. How many stickers did she give
) on monet to file t	learest tens.
		8
		Ans:
		Ans:
	3	

 The figure below shows a square and 2 identical rectangles. Find the perimeter of the figure.

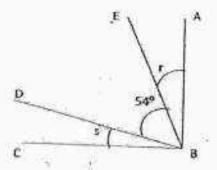


Ans: ____

28. Complete the figure using AB as the line of symmetry.



The figure below is not drawn to scale,
 ∠ABC is a right angle. ∠r is twice of ∠s. ∠DBE =54°.
 Find ∠s.

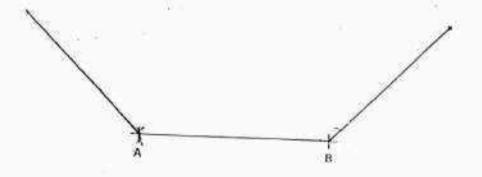


Ans:

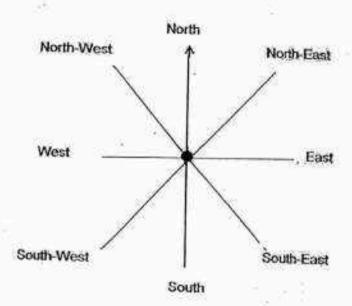
30. Mrs Lee-earns \$950 a month, How much would she earn in a year?

Ans: ____

31. Draw ∠ABC = 135° on the given line AB. Mark and label your angle clearly.



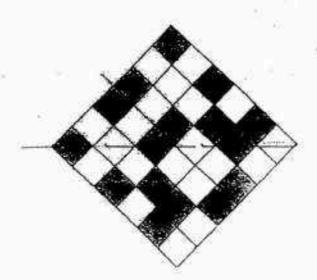
- 32. Use the 8-point compass shown below to answer the following questions,
 - (a) Sally was facing East. She made a $\frac{3}{4}$ -turn clockwise. Which direction is she facing now?
 - (b) Lily was facing North after turning 135° anti-clockwise. Which direction was she facing at first?



Ans: (a)	
----------	--

33. Draw a rectangle DEFG such that DE = 9 cm and EF = 6 cm.

34. Draw a line to indicate the line of symmetry on the figure below.



35.	I am an even number between 20 and 30. When I am divided by 3, I have a remainder of 1. When I am divided by 5, I have a remainder 3.
	What am 1?
220	Ans:
36.	The difference between two numbers is 1368. The bigger number is four times the smaller number. What is the smaller number?
	/# 12250
	Ans:
	W w

0

End of Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY)



MID-YEAR EXAMINATION 2016 PRIMARY 4 MATHEMATICS

(BOOKLET C)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Answer all questions.

Name:	20		18
35636	W = -	()_
Class:	Drimon, 4		126

D.

Date: 10 May 2016 Booklet A Booklet B

	1.20
Booklet B	/36
Booklet C	/28
TOTAL	/ 100

Parent's Signature:

This booklet consists of 9 printed pages including this page.

Section C: (28marks)

Show your working clearly in the space provided for each question 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.

37. The price of a television set is \$325 cheaper than a washing machine. Mr Lim bought 3 television sets and 2 washing machines. He paid \$4 400 for the items in total. How much did the television cost?

12000	
Ans:	191

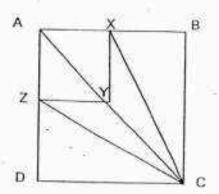
38, Mr Lim bought 6 boxes of paper clips from a shop.
Each box had an equal numbers of paper clips.
He gave 8 paper clips to each of his 38 pupils. He then had 26 paper clips left.
How many paper clips were there in each box?

Ans: ______

39	There were 4 times as many women as men who visited the Jurong Bird Park last Sunday. The number of women were twice that of the number of children. There were 2 340 children in all. How many people were there altogether? Round off your answer to the nearest hundreds.
	Ti di

Ans: _____

- 40. A figure is made up of 2 squares, ABCD and AXYZ. AD is twice the length of AZ. ZBCZ = ZZCX = ZBCX The perimeter of ABCD is 360 cm.
 - (a) What is the length of XY?
 - (b) Find Zs.



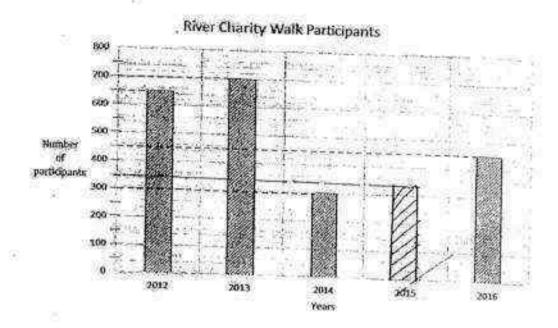
Ans : (a)	cm f2
(b)	17

41.	Aunt Mary had an equal number of pens and	rulers
	After donating 600 pens and 1050 rulers, etc.	had the second
	After donating 600 pens and 1050 rulers, she pens as rulers.	nao three times as many

- (a) How many more rulers than pens did she donate?
- (b) How many pens did she have at first?

Ans : (a)	[1
(6)	722

 The following graph below shows the number of participants for the River Charity Walk from 2012-2016.

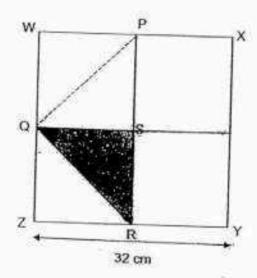


The number of participants for the River Charity Walk in 2015 is half that of the number of participants in 2013.

- (a) How many participants were there in 2015?
 Use your answer to complete the bar graph in the space provided above.
- (b) What is the total number of participants from 2012 to 2016?

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

- 43. The figure below is made up of a square WXYZ of side 32 cm, QW=WP= PX.
 - (a) What is the perimeter of the square?.
 - (b) What is the area of the shaded part?



Ans: (a)	
ACCE OF	543

44. In 3 years' time, Sally will be 6 times as old as John.
Their total age now is 50 years.
How old is Sally now?

Ans: ______ [4]

End of Booklet C

YEAR

2016

LEVEL

PRIMARY 4

SCHOOL

METHODIST GIRLS'

SUBJECT

MATHEMATICS

TERM

SA1

.

Booklet A

01	2	04	3	07	2	10401		I	-		
~ ~		-		Q/	3	Q10	1	Q13	4	016	4
Q2	3	Q5	2	Q8	3	Q10 Q11 Q12	3	014	- 2	047	77.0
03	2	OG	4	00	500	0.40		0614	-	GI1	4
-	-	00	-4	09		Q12	2	Q15	4	Q18	4

Booklet B

Q19

Fifty nine thousand two hundred and forty eight

Q20

10 463

Q21

36

Q22

343

Q23

36, 18, 3, 12, 6

Q24

9 cartons

Q25

\$85

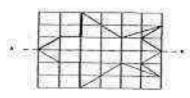
Q26

12 x 37 = 444 ≈ 440 stickers

Q27

160 cm

Q28



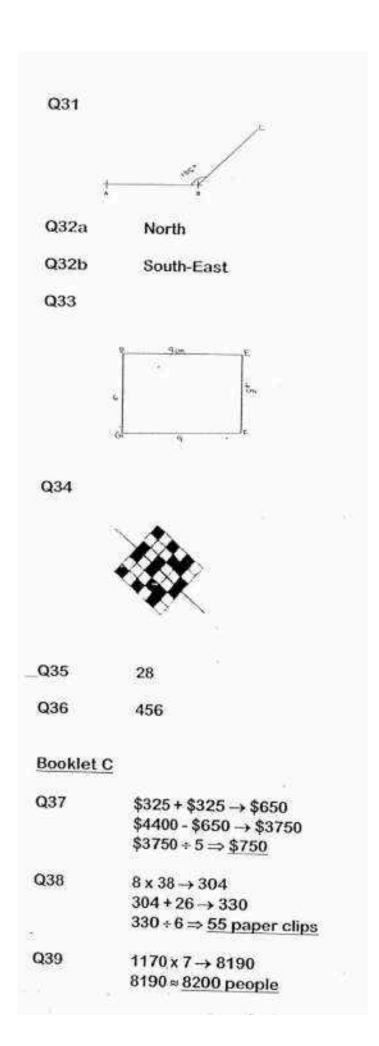
Q29

12°

Q30

 $950 \times 12 \Rightarrow $11,400$







```
Q40a
              AB = 360 \div 4 \rightarrow 90
              XY = 90 \div 2 \Rightarrow 45 \text{ cm}
Q40b
              30°
Q41a
              1050 - 600 \Rightarrow 450
Q41b
              450 = 2 units
              450 + 2 = 225
              225 = 1 unit
              225 \times 3 = 675
              675 + 600 ⇒ 1275 pens
Q42a
              700 + 2 ⇒ 350 participants
Q42b
              650 + 700 = 1350
              1350 + 300 + 350 = 2000
              2000 + 450 ⇒ 2450 participants
Q43a
              32 + 32 + 32 + 32 ⇒128 cm
             Area of Big Square: 32 x 32 → 1024
Q43b
              1024 ÷ 8 ⇒ 128 cm<sup>2</sup>
Q44
             3 \times 2 = 6
             50 + 6 = 56
             In 3 years' time, Sally + John = 56
             6 + 1 = 7
             56 + 7 = 8
             8 = 1 unit
             8 \times 6 = 48
             48 - 3 \Rightarrow 45 years old
```



FIRST SEMESTRAL EXAMINATION 2016

PRIMARY 4 MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

	tion A estions 1 to 15 carry 2 marks each. For	each nucetion four onlines ar
given	n. One of them is the correct answer. de the oval (1, 2, 3 or 4) on the Optical Ar	Make your choice (1, 2, 3 or 4
		(Total: 30 marks
1	The digit 6 in 63 470 has the same yell	10 00

(1)	6 × 10	(2)	6 × 100
123	0 = 4000		0 4 40 000

The following numbers are arranged in descending order.

A . 17 898 , 8929 , 879

A is a 5-digit odd number. What is the value of A?

(1) 17 791 (2) 18 642 (3) 27 424 (4) 71 889

What is the missing number in the number pattern below?

13 350 , 13 375 , 13 400 , _____ , 13 450

(1) 13 410 (2) 13 415 (3) 13 425 (4) 13 435

4. Which of the following numbers are common multiples of 4 and 6?

(1) 1 and 2 (2) 12 and 18 (3) 12 and 30 (4) 36 and 60

5.	What	is	the	product	of	51	and	706?
----	------	----	-----	---------	----	----	-----	------

757

4236

(3) 36 006

- 36 066 (4)
- How many ninths are there in $8\frac{2}{9}$? 6.
 - 16

(1) 72

- 7. Study the multiplication algorithm below.

Find the missing digit in the box.

(1) (3)

- There were 167 passengers at a bus terminal. There were only 5 8. buses available. An equal number of passengers boarded each bus. How many passengers could not board any of the available buses?
 - (1) (3)

33

165

- 9. Mary had 63 stickers in her sticker album. She gave 3/7 of her stickers to her sister. How many stickers did Mary give to her sister?
 - (1) 36

(2) 27

(3) 3

- (4) 9
- 10. Ahmad used \$\frac{1}{3}\$, of his savings on stationary and \$\frac{2}{9}\$ of his savings on a book. What fraction of his savings was left?
 - (1) $\frac{1}{9}$

(2) $\frac{4}{9}$

(3) $\frac{5}{9}$

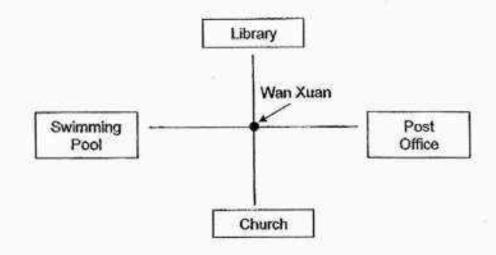
- (4) $\frac{8}{9}$
- 11. Shaun ran 3 km on Monday. He ran ²/₅ km more on Monday than on Tuesday. How many kilometres did he run on both days?
 - (1) $2\frac{3}{5}$

(2) $3\frac{3}{5}$

(3) $5\frac{3}{5}$

(4) $6\frac{2}{5}$

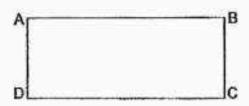
After making $\frac{3}{4}$ turn anti-clockwise, Wan Xuan is facing the swimming 12. pool. Where was Wan Xuan facing at first?



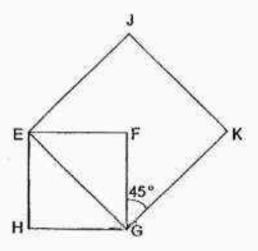
(1) (3) Church

- Library
- Post Office
- Swimming Pool

13. ABCD is a rectangle. How many pairs of perpendicular lines are there?



The figure below is made up of 2 squares and ∠FGK is 45° 14. Find ZHGK.



- (1) (3) 45°
- 135°

- 90°
- (2) (4) 180°
- Danny had 4 boxes of pencils. There were 28 pencils in each box. 15. The pencils were only sold in bundles of 7 pencils. Each bundle was sold at \$1. He sold all the pencils. How much money would he collect? Round your answer to the nearest ten.

(1) (3) \$10 \$20

- \$16
- (2) \$780

Ques	tion B estions 16 to 35 carry 2 marks each. Show your working of the below each question and write your answers in the space questions which require units, give your answers in the units of (Tot	es provided.
16.	One of the factors of 25 is 5. Write down all the other factors	rs of 25.
	Answer:	
17.	Write down all the common factors of 48 and 60.	
	Answer:	
40	Write down the 7th multiple of 8.	
18.	value down the authority of a.	
	Answer:	
19.	What is the quotient when 1000 is divided by 3?	
	Answer:	
	Allowel .	

20. Express $3\frac{3}{4}$ as an improper fraction.

Answer:

21. Study the figure below. Shade the number of squares to show $\frac{1}{3}$ of the figure.

_	1	-	-	

L		
	г	

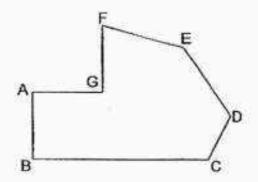
lanca.			
	П	П	П

7	1			
П	\Box	П	П	П

22. What is the difference between 8 and $\frac{6}{10}$? Leave your answer in its simplest form.

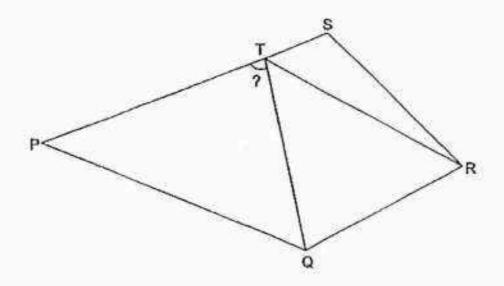
Answer	:				

 The figure below is not drawn to scale. Mark and name an acute angle in the figure below.



Answer: Z____

24. PQRS is a four-sided figure. Name and measure the marked angle.



Answer: ∠______ = ______°

25.	A whole number, M, is 2400 after rounding to the nearest 100. What is the greatest possible value of M?
	Answer:
26.	Ravi bought a dozen basketballs. Each basketball cost \$13. He paid the cashier \$200. How much change did he receive?
	Answer: \$
27.	En XI had \$480 dollars. She spent $\frac{3}{4}$ of her money on a
	watch. How much money did she spend on the watch?
	Answer:\$

28.	Wendy poured out 3 kg of the sugar from a container. She then added					
	another $\frac{5}{8}$ kg of sugar and had $\frac{3}{4}$ kg of sugar in the end. How much					
	sugar did Wendy have at first?					
	Express your answer as a mixed number.					

Answer	:	kg
CHICAGO PARTICIONAL	7	

29. Ruby had $\frac{1}{5}$ as many sweets as Lauren. They have 444 sweets altogether. How many sweets must Lauren give to Ruby so that they will have the same number of sweets?

A	2		
Answer	-		

 Using the line AB given below, draw an angle such that ∠ABC is equal to 145°. Mark and label the angle.

В

A

The square grid below shows a map of the different locations in a town.
 Using the information on the map, answer part (a) and (b).

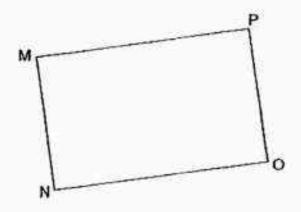
	Train station	
	Mall	
Library		Park

North

(a) Refer to the square grid above and fill in the blank.

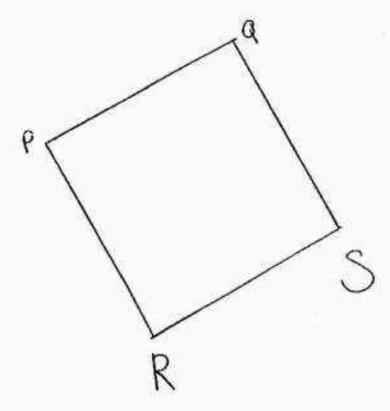
The state of the s	
The Park is to the south-east of the	
The Fair is to the south-east of the	

(b) The government decides to build a playground at the south of the Train station and north of the Mail. Put a cross (x) in the square where the playground will be built. 32. MNOP is a rectangle. Name a pair of parallel lines.



Answer: _____ and ___

 Use a ruler and a set square to draw a 6-cm square PQRS. Label the square.



34.	At a funfair, $\frac{7}{10}$ of the children were boys and the rest of the children				
	were girls. There were 48 girls at the fun fair. What was the total	ıi			
	number of children at the funfair?				

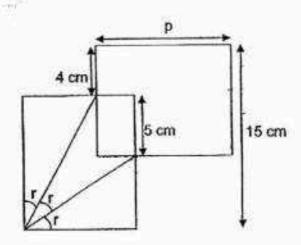
Answer:

35. There were some passengers in a bus. At bus stop A, 12 passengers alighted from the bus. At bus stop B, another 7 passengers boarded and no one alighted. There were 33 passengers on the bus. How many passengers were in the bus before arriving at bus stop A?

Answer:

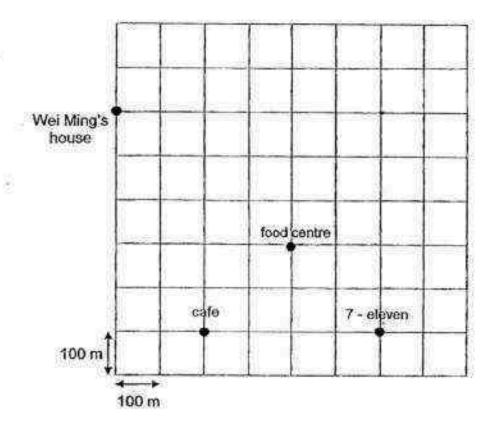
Que each space	tion C stions 36 to 37 carry 3 marks each and questions 38 to 43 carry 4 marks n. Do these word problems carefully. Show your working clearly in the see provided for each question and write your answers in the spaces ided.
28	(Total: 30 marks)
36.	Ai Ling had 430 g of flour. She wanted to bake a cake and a pie. The cake needed 4 times as much flour as the pie. In the end, she used 380 g of flour to bake the cake. How much more flour did Ai Ling need to buy to bake the pie?
	20
	Ans:[3]
37.	Peter had 20 coins in his coin bank. There were only ten-cent and fifty- cent coins in the coin bank. He had \$5.20 altogether. How many ten- cent coins did he have in all?

- 38. The figure below is made up of 2 identical rectangles.
 - (a) What is the length of p?
 - (b) Find ∠r.



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

 Wel Ming and his friends were at a park last Saturday. The square grid below shows the plan of the park.



- (a) In which direction is the food centre from the cafe?
- (b) In which direction is the 7-eleven from the food centre?
- (c) From 7-eleven, they cycled 500 m north to a camp site.
 Using your highlighter, trace the route and mark the location of the camp site. [2]

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

- 40. Yida had \$1000. Each pair of shoes cost \$80 more than one badminton racket. He spent 3/5 of his money on 3 pairs of shoes and 2 badminton rackets.
- (a) How much did he spend altogether?
- (b) What was the cost of 1 badminton racket?

Ans:	10	12
C 14 171.	41.7	10

41. At a farm, there were ³/₇ as many chickens as ducks. There were 216 more ducks than chickens. 142 ducks were sold away. How many ducks were left in the end?

Ans:	 [4]
111-111-1111-11-111-111-111-111-111-111-111-111-111-111-111-111-111-111-111-11-111-111-11-111-11	

- 42. Mr Tan had a fruit store. $\frac{1}{2}$ of the number of fruits in his store were oranges, $\frac{1}{5}$ of the fruits were apples and the rest were pears. There were 892 more oranges than pears.
- (a) What fraction of the fruits were pears?
- (b) He sold 250 apples. He also sold twice as many apples as oranges. He did not sell any pears. How many fruits were left in the fruit store?

Amn	44	[2	٦
Ans	(15	14	ŝ

43.	Peter jogged at the park once every 3 days. John jogged at the same park once every 4 days. They met on 3 February 2016.
	(a) On what date did they next meet each other in the park?
	(b) How many times did they meet in the park in February 2016?
	Ane: (a) [2]
	Ans: (a)[2]
	(b)[2]
	END OF PAPER

EXAM PAPER 2016

SCHOOL:NANYANG

SUBJECT :P4 MATHEMATICS

TERM: SA1

01	Q2	Q3	Q4	QS	Q6	Q7	Q8	Q9	Q10
4	4	3	4	3	4	1	2	2	2
Q11	Q12	Q13	Q14	Q15		4,1-00-0-0			
3	1	4	3	3					

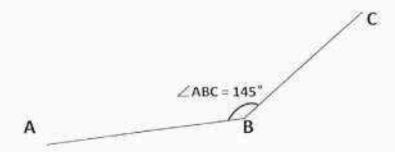
16)1,25		17)1,	2,3,4	6,12	18)56	19)333	20)15/4
21) [//		\mathbb{Z}	\mathbb{Z}		22)72/5	23)F∠EF0	S
[]	\square		\mathbb{Z}		24)∠ PT	Q = 81°	
					25)2449		
					26)\$13 x	\$12 = \$156	
					\$200	- \$156 = \$44	
						e. W	

$$1/8 + 3 = 3_{1/8} \text{ kg}$$

$$1u = 444 \div 6 = 74$$

$$2u = 74 \times 2 = 148$$

30)

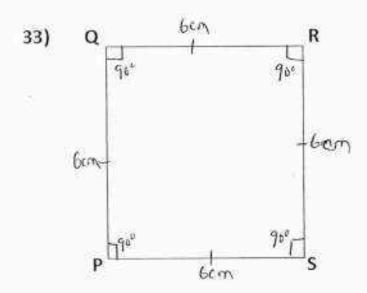


31)a)Mall

b) Train station

Mail

32)MP and No



$$34)48 \rightarrow 10/10 - 7/10 = 3/10$$

 $1/10 \rightarrow 48 \div 3 = 16$

$$35)33 - 7 = 26$$

$$26 + 12 = 38$$

$$1u = 380 \div 4 = 95$$

$$475 - 430 = 45g$$

$$50c - 10c = 40c$$

$$480c \div 40c = 12$$

N0.0f fruits \rightarrow 446 x 10 = 4460

Left→4460 - 375 = 4085

43)a)15th February 2016 b)3



PEI HWA PRESBYTERIAN PRIMARY SCHOOL SEMESTRAL ASSESSMENT 1

PRIMARY 4 MATHEMATICS PAPER

11 MAY 2016

Form Class / Register No.	: 4TW//
Banded Class / Register No	o, : 4M/
	Total time:1 h 45 min
INSTRUCTIONS TO CANDIDA	ATES
 Write your Name, Class and above. 	Register No. in the spaces provided
2. DO NOT turn over this page	until you are told to do so.
Follow all instructions careful	illy.
4. Answer all questions.	
5. For Section A shade your ar	nswers on the Optical Answer Sheet (OAS)
provided.	6
provided.	
provided. 6. For Section B and C, write al 7. The use of calculator is NOT	ll your answers in this booklet
provided. 6. For Section B and C, write al	ll your answers in this booklet

This booklet consists of 22 printed pages, excluding the cover page.

Section A: Multiple	Choice Questions	$(20 \times 2 = 40 \text{ marks})$
STATE OF THE PARTY	The same of the control is	TAY A A TO HIGHASI

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.

1.	In which of the following numbers does the digit 5 have a value of 5 000?									
	(1)	89 065								
	(2)	67 251								
	(3)	52 479								
	(4)	35 795		()					
2.	Whic	th one of the following is not a factor of 64?	5							
	(1)	32								
	(2)	14	9							
	(3)	8								
	(4)	4		()					
3.	The	product of 246 and 13 is								
	(1)	3088								
	(2)	3188								
	(3)	3189								
	(4)	3198		t)					
4.	Expr	less $2\frac{4}{7}$ as an improper fraction.								
	(1)	<u>8</u> 7								
	(2)	14 7				1940				
	(3)	18 7								
	(4)	4 14		I)					

)

- 5. Find the value of $\frac{1}{6} + \frac{5}{12}$.
 - (1)
 - (2) $\frac{5}{72}$
 - (3) $\frac{6}{18}$
 - (4) $\frac{7}{12}$

6. The product of 8 and a number is 7608. What is the number?

- (1) 826
- (2) 951
- (3) 5684
- (4) 6084

7. Find the missing number in the box,

$$\frac{1}{2} + \frac{1}{7} + \frac{1}{4} = \frac{11}{12}$$

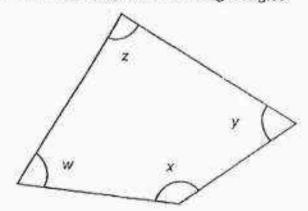
- (1) 6
- (2) 12
- (3) 3
- (4) 4

- 8. Jeremy used $\frac{3}{10}$ kg of cherries to bake a pie and had $\frac{2}{5}$ kg of cherries left. How many kg of cherries did he have at first?
 - (1) $\frac{1}{10}$
 - (2) $\frac{1}{5}$
 - (3) $\frac{1}{3}$
 - (4) $\frac{7}{10}$
- 9. Tricia bought some stationery consisting of erasers and pencils. $\frac{3}{8}$ of the stationery bought were erasers. Tricia bought 24 erasers. How many pencils did she buy?
 - (1) 8
 - (2) 30
 - (3) 40
 - (4) 64
- 10. Annie had twice as many paper clips as Beth. After Beth had used 15 paper clips, Annie had 4 times as many as Beth. How many paper clips did Annie have?
 - (1) 15
 - (2) 45
 - (3) 60
 - (4) 75

)

)

- 11. Barry spent 3/4 h completing his Chinese homework. He spent 1/6 h less on his English homework. How much time did he spend on both his Chinese and English homework altogether?
 - (1) $\frac{7}{12}h$
 - (2) $\frac{10}{16}$ h
 - (3) $1\frac{1}{3}h$
 - (4) $1\frac{3}{4}h$
- 12. In the figure below, which angle is greater than a right angle?



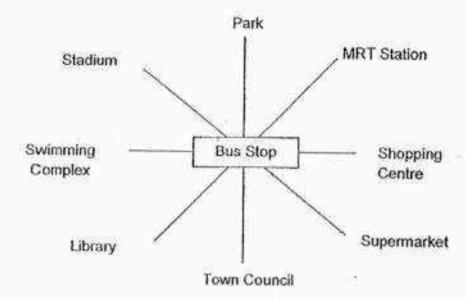
- (1) Zw
- (2) ZX
- (3) *Ly*
- (4) ∠z

13. Joanne is facing South. She makes a ¹/₄-turn in a clockwise direction. Which direction is Joanne facing after making the turn?



- (1) East
- (2) West
- (3) North
- (4) South

Refer to the 8-point compass below and answer questions 14 and 15.



- 14. Alvin is at the bus stop facing the Stadium, what is the angle in the anti-clockwise direction that he has to turn in order to face the Shopping Centre?
 - (1) 135°
 - (2) 180°
 - (3) 225°
 - (4) 270°

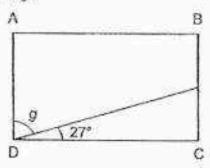
15. Ren Yi was standing at the Bus Stop. After turning 135° in an-anti-clockwise direction, Ren Yi faced the MRT Station, Where was Ren Yi facing before the turn?

6

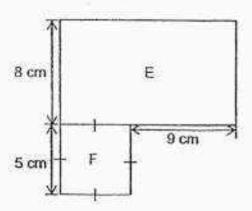
- Library
- (2) Supermarket
- (3) Swimming Complex
- (4) Town Council

)

16. ABCD is a rectangle, Find Zg.



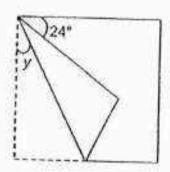
- (1) 63°
- (2) 73°
- (3) 117°
- (4) 153°
- 17. The figure shown below is made up of Rectangle E of breadth 8 cm and Square F with sides 5 cm. What is the length of the rectangle?



- (1) 10 cm
- (2) 13 cm
- (3) 14 cm
- (4) 17 cm

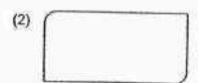
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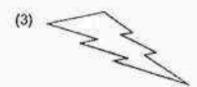
A square piece of paper is folded as shown. Find ∠y.

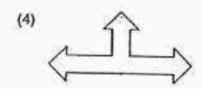


- (1) 21°
- (2) 33°
- (3) 66°
- (4) 78°
- 19. Which one of the following figures is symmetrical?







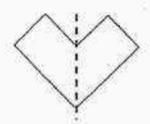


20. Which one of the following figures has the dotted line as a line of symmetry?

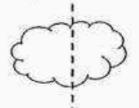
(1)



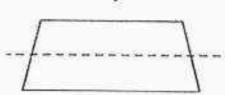
(2)



(3)



(4)



()

September 1998 Committee to	Paragraphic Control Control Control	againment of the control of the cont
Section B	$(20 \times 2 = -$	40 marks)

Write your answers in the answer blanks provided. For questions that require working, show your working clearly in the space provided. Write 20 thousands, 17 hundreds, 3 tens and 21 ones in numerals. 21. Answer: _____ 22. Complete the number pattern. 12 882, 13 032, 13 332, 13 782, ______, 15 132 Answer: Find the first common multiple of 6 and 10. 23. Answer:

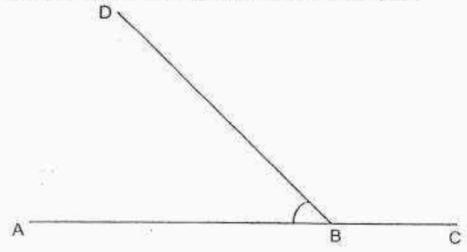
10

PHPPS/P4/SA1/2016

24,	Danny runs at the park once every 3 days and plays she both runs at the park and plays soccer on 11th May he both runs and plays soccer again?	soccer once every 5 days. If y, when will be the next time
25,		nswer: May
343		*
	An	iswer
26.	The mass of a chair is 2678 g. What is the total mass of your answer to the nearest thousand?	of 4 such chairs? Round off
	Ans	swer: g
PHPP	PS/P4/SA1/2016	6

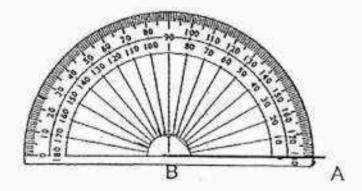
27.	Mr Ramdan bought 2 tins of biscuits. One tin the other contained 4550 g of biscuits. He repa smaller packets. What was the mass of the bisc	cked all the biscuits eq	iscults and ually into 7
	At .		¥)
		Answer:	
28.	Uncle Sam had an equal number of oranges a away 34 rotten oranges and 100 rotten apples, as apples. How many apples did he have at first	and apples at first. Afte	r he threw ny oranges
		Answer:	
29.	Mdm Lee bought a total of 11 slices of cakes and Each slice of cake cost \$5 and each fruit tart cost many fruit tarts did Mdm Lee buy?	d some fruit tarts for a g at \$2. She paid a total of	athering. \$83. How
	e ==		
	27	Answer	A
PHP	PPS/P4/SA1/2016		6

30. Use a protractor to measure and write down the size of ∠ABD.

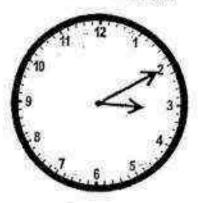


	the second secon	
Answer:		

31. Using the given protractor and the line AB below, draw ∠CBA of 155°.

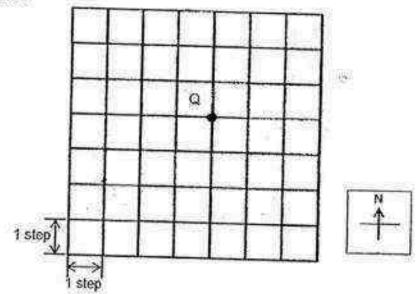


32. The clock below shows 3.10 p.m. What is the time shown on the clock when the minute hand moves $\frac{3}{4}$ -turn in a clockwise direction?

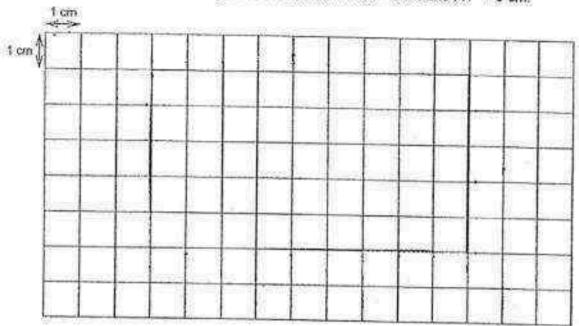


Answer		100000
100000000000000000000000000000000000000	Widtherson design	p.m.

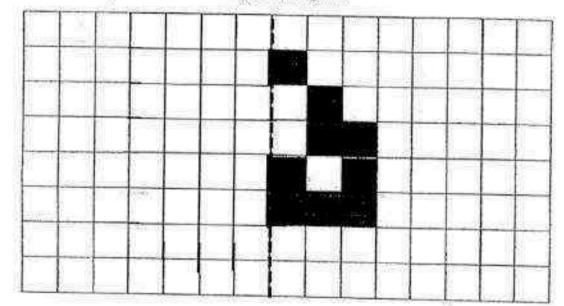
33. Look at the grid below. Ravi was at Point Q. He moved 1 step to the north, 3 steps to the west and finally 2 steps to the south. Mark with the letter 'X' where Ravi was in the end.



The grid below is filled with 1-cm squares.
 Draw and label a rectangle WXYZ in which WX = 9 cm and XY = 5 cm.



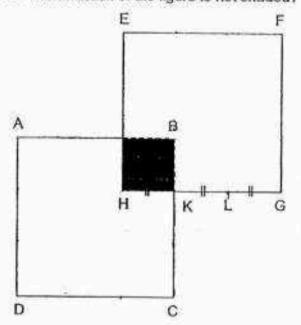
35. The dotted line below is a line of symmetry. Shade the correct squares on the left side of the picture to make a symmetric figure.



Arrange the following fractions from the greatest to the smallest.

Answer:		
	(greatest)	(smallest)

37. The figure below is made up of 2 identical overlapping squares, ABCD and EFGH. The length of each side of the shaded part is ¹/₃ the length of each square where HK = KL = LG. What fraction of the figure is not shaded?



Answer:	
	 -

38. $3 - \frac{5}{12} - \frac{1}{4} =$. Give your answer in the simplest form.

Answer:	 		
	 	_	

39. 180 people went for a concert. $\frac{1}{3}$ of the people were men, $\frac{4}{9}$ of them were women and the rest were children. How many children attended the concert?

Answer:		
	Secretaria de la compansa del la compansa de la com	

40. Farah writes two fractions that are smaller than 1. She asks Jia Qi to guess the two fractions and gives her the following hints:

17

- The sum of the fractions is $1\frac{1}{2}$.
- The difference between the fractions is $\frac{1}{6}$.

What are the two fractions?

Answer:	and		
		- 1	16

PHPPS/P4/SA1/2016

Section C	(5 x 4 = 2	(0 marks)
-----------	------------	-----------

Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

41. The mass of a container with 80 identical metal balls is 940 g. When 20 of the balls are removed, the mass of the container with the remaining balls is 780 g. What is the mass of the container?

Working

Answer:

4

18

PHPPS/P4/SA1/2016

Working

 A gift shop sold two types of personalised stickers in packs at the prices shown below.



Picture Stickers

Pack of 3 sheets for \$10

Name Stickers

Pack of 3 sheets for \$14

The shop sold a total of 384 sheets of stickers. The number of sheets of Picture Stickers sold was 7 times the number of sheets of Name Stickers sold. How much money was collected from the sale of Name Stickers?

Answer:

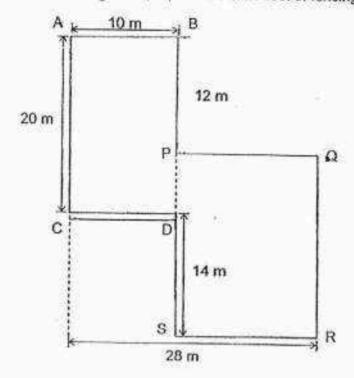
/4

35

	480			
Đ)		7.5		
		ē		
			30	

44. The figure below (not drawn to scale) shows the floorplan of Hope Primary School which is made up of 2 rectangles ABCD and PQRS. The school is planning to fence up the perimeter of the school.
If 1 m of fencing cost \$18, find the total cost of fencing the school.

Working



Answer:

PHPPS/P4/SA1/2016

21

45.	Box A contains	$\frac{1}{3}$ kg of strawberries. Box B contains	$\frac{3}{4}$ kg of strawberries.
-----	----------------	--	-----------------------------------

Working

How much strawberries must Nisha transfer from Box B to Box A so that Box B will contain $\frac{1}{12}$ kg more strawberries than Box A?

Give your answer in the simplest form.

Answer:

/4

PLEASE CHECK YOUR WORK.

22

PHPPS/P4/SA1/2016

EXAM PAPER 2016 (P4)

SCHOOL: PEI HWA

SUBJECT: MATHEMATICS

TERM: SA1

3	2	2	3.	4	1	3	2	a	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	2	4	3	4	2	1	4	3	3
Q1	QZ	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10

21)21751

22)14382

23)30

24)26th

25)3

26)11000g

27)1150g

28)133

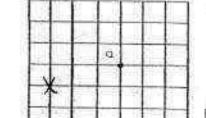
33)

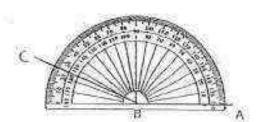
29)14

30)44°

31)

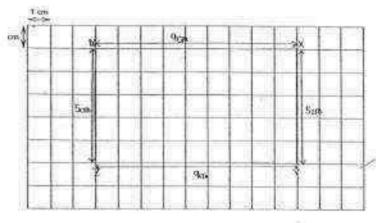
32)3.55p.m.

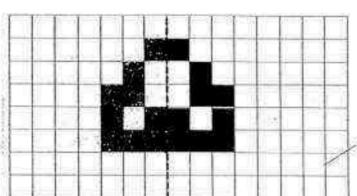




34)

35)





560

36)3/5,3/7,1/3

37)16/17

38)36/12 - 5/12 - 3/12 = 28/12

=24/16 = 21/3

39)40

40)4/6 and 5/6

41)Metal Balls→MB

Container→C

80 MB + 1C = 940g

80 - 20 = 60

60MB + 1C = 780g

20 MB→940g - 780g = 160g

 $1MB \rightarrow 160 \div 20 = 8g$

60MB→60 x 8g = 480g

1C→780g - 480g = 300g

$$48 \div 3 = 16$$

Money collected from Name stickers→16 x \$14 = \$224

43)Fred: 912, 942, 972, (1002)

Mike: 996, 998, 1000, (1002)

It will take 3 days for both of them to make the same number of cards at the end.

$$44)PD \rightarrow 20 - 12 = 8$$

$$AR \rightarrow 20 + 14 = 34$$

Perimeter -> 34 + 28 + 34 + 28 = 124

Cost of fencing→124 x 18 = 2232

The total cost of fencing the school is \$2232

Nisha must transfer 1/6kg strawberries from Box B to Box A.



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name :	(
Class : Primary 4 /	
Date : 9 May 2016	

BOOKLETA

20 Questions 40 Marks

Duration of Paper: 1 hour 45 minutes

Note:

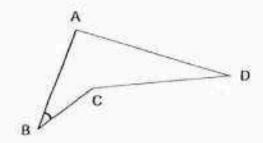
- 1. Do not open this Booklet until you are told to do so.
- Read carefully the instructions given at the beginning of each part of the Booklet.
- Do not waste time. If a question is difficult for you, go on to the next one.
- Check your answers thoroughly and make sure you attempt every question.
- 5. In this booklet, you should have the following:
 - (a) Page 1 to Page 6
 - (b) Questions 1 to 20

Questions 1 to 20 carry 2 marks each. For each question, four options are given. C	
of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct of (1, 2, 3 or 4) on the Optical Answer Sheet.	One
y or the Optical Auswer Sheet,	PAGI

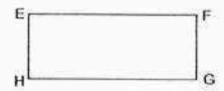
_		01		10.0000000		(40 marks
1	In	78 623, the o	ligit '8' stands	for		
	(1			340.		
	(2)					
	(3)					
	(4)					
2	44	687 when rou	inded off to the	e nearest th	nousand is	
	(1)				December 2000 and 1	
	(2)	44 690				
	(3)					
	(4)	45 000				
				(8)		
3	516	+6=				
	(1)	84				
	(2)	86				
	(3)	88				
	(4)	96				
\$	Whic	h of the follow	vina is a multir	do of b. II	#0.000 M. (20.20)	

- ving is a multiple of both 4 and 7?
 - (1) 14
 - (2) 16
 - (3) 28
 - (4) 32
- Sally had \$380. Peter had \$120 more than Sally. How much money did Peter 5
 - \$260
 - (2) \$400
 - (3) \$500
 - (4) \$620

6 Name the marked angle.



- (1) Z ABC
- (2) ∠ BAD
- (3) ∠ ADC
- (4) ∠ BCD
- 7 EFGH is a rectangle. Which of the following incorrectly describes the rectangle?



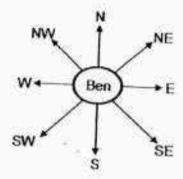
- (1) It has 4 equal sides,
- (2) It has 4 right angles.
- (3) Its opposite sides are equal.
- (4) It has 2 pairs of parallel lines.
- 8 The height of a pole is 290 cm. What is the height in metres and centimetres?
 - (1) 2 m 9 cm
 - (2) 2 m 90 cm
 - (3) 29 m 9 cm
 - (4) 29 m 90 cm
- 9 Complete the number pattern. What is the number in the blank?

14, 70, 350, _____, 8750.

- (1) 406
- (2) 700
- (3) 1750
- (4) 2 100

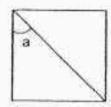
- 10 The product of two numbers is 6 705.
 If one of them is 9, what is the other number?
 - (1) 732
 - (2) 745
 - (3) 59 340
 - (4) 60 345

Study the diagram below and answer Questions 11 and 12.

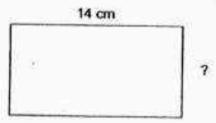


- Ben was facing east. He made a ¹/₂ turn in an anti-clockwise direction. Which direction is he facing now?
 - (1) north
 - (2) south
 - (3) east
 - (4) west
- Ben was facing south-west. He made a _____- turn in a clockwise direction.
 He will be facing south-east now.
 - (1) $\frac{1}{4}$
 - (2) $\frac{1}{2}$
 - (3) $\frac{3}{4}$
 - (4) complete

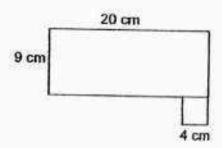
13 The figure below is a square. Find ∠a.



- (1) 45°
- (2) 60°
- (3) 75°
- (4) 90°
- 14 The perimeter of a rectangle is 44 cm. Its length is 14 cm. Find its breadth.

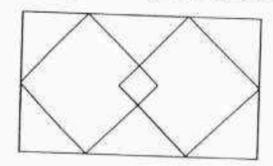


- (1) 8 cm
- (2) 15 cm
- (3) 16 cm
- (4) 30 cm
- The figure below is made up of a rectangle and a square. Find the area of the figure.



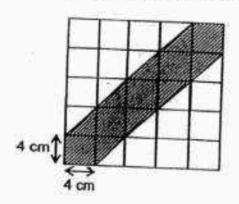
- (1) 16 cm²
- (2) 33 cm²
- (3) 180 cm²
- (4) 196 cm²

- Rulers are sold in bundles of ten. Mr Lee has 4 classes of 38 students each. How many bundles of rulers should he buy if he wants to give every student one ruler each?
 - (1) 12
 - (2) 15
 - (3) 16
 - (4) 17
- 17 The figure is made up of 1 rectangle and 2 identical squares.



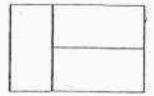
How many right angles are there in the figure?

- (1) 12
- (2) 14
- (3) 16
- (4) 20
- 18 What is the area of the shaded part?



- (1) 36 cm²
- (2) 52 cm²
- (3) 144 cm²
- (4) 160 cm²

19	The figure is made up of 3 identical rectangles,	The breadth of each rectangle is
	9 cm. What is the area of each rectangle?	350



- 18 cm²
- 81 cm² (2)
- 162 cm² (3)
- 486 cm²
- Mary took a school bus from school at 1.40 p.m. The usual journey home takes 35 minutes. How longthe bus was stuck in a traffic jam for 20 minutes. What time did Mary reach nome?
 - (1) 2.00 p.m.
 - (2) 2.15 p.m.
 - (3) (4) 2.30 p.m.
 - 2.35 p.m.



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Class : Primary 4/	
Date : 9 May 2016	
BOOKLET B	
28 Questions	
60 Marks	
In this booklet, you should have the following:	
(a) Page 7 to Page 17	
(b) Questions 21 to 48	
USTANCES CONTRACTOR SECURED SECURED IN	

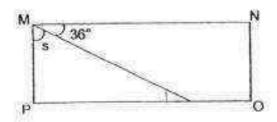
MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's	Signature	:
	0.000	

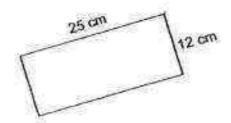
orovi 30 n	stions 21 to 30 carry 1 mark each. Questions 31 ting clearly in the space below each question and ided. For questions which require units, give your marks)	write your answers in the spaces answers in the units stated.
21	Eighty thousand and eleven in numerals is	
		Ans:
2	A fruit seller has 1 304 apples. He packs 6 as many apples will there be left?	oples in each box. How
		Āns:
3	What is the difference between the smallest fac of 36?	
		FI FI
<u> </u>	<u> </u>	Ans:
1	Measure Zz.	
		Ans:

25 MNOP is a rectangle. Find ∠s.



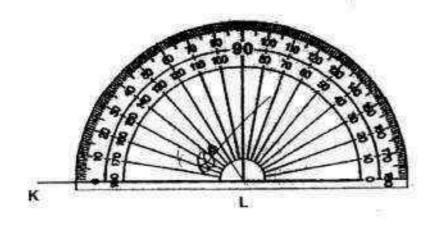
Ans: _____o

26 Find the area of the rectangle below.



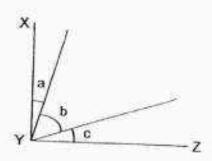
Ans:

27 Use the given protractor to draw and label ∠KLM = 60°



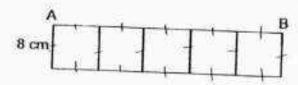
/3

In the figure below, $\angle XYZ$ is a right angle, $\angle a = 18^{\circ}$ and $\angle c = 22^{\circ}$. Find $\angle b$.



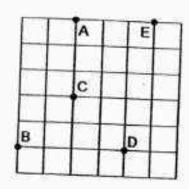
Ans:____

29 The figure below is made up of 5 identical squares. Find the length of AB.



Ans:

30 Refer to the square grid and fill in the blanks.





Point _____ is south-east of Point ____

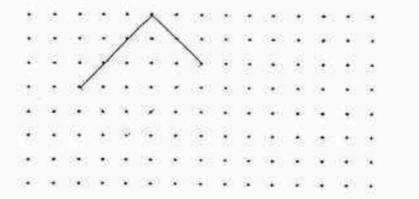
Ans: ______

9

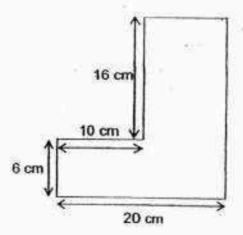
31 What is product of 45 and 69?

Ans	
	-

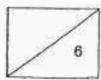
32 Complete drawing a rectangle with the given lines.



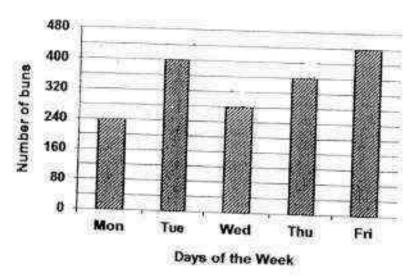
33 Find the perimeter of the figure.



Ans: _____ cm



34 The bar graph below shows the number of buns a bakery sold from Monday to Friday.



How many buns were sold on Thursday?

Ans:	

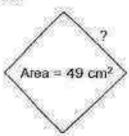
35 What is the sum of the first and second common multiples of 6 and 8?

Ans:	_	- 91	[1]
1 10 KO	-		

36 The school library had four times as many English books as Chinese books. After 275 Chinese books were added, there were twice as many English books as Chinese books. How many books were there in the end?

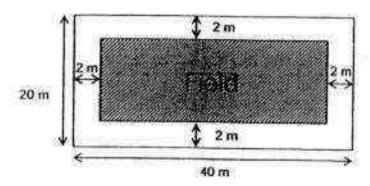
Ans:

37 The area of a square is 49 cm². Find the length of one side of the square.



Ans:	 cm
WERE	EDICH

38 A rectangular field has a 2 m wide path around it. Find the area of the path.



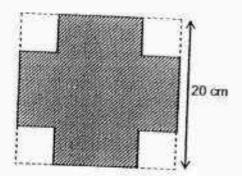
Ans:	 m²
C. 200	10

0.07%

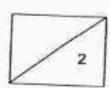
39 A number when rounded off to the nearest hundred is 3 500. What is the greatest possible number?

Ans:

40 4 identical small squares of side 5 cm were cut out from each corner of a piece of square paper of side 20 cm as shown below. Find the area of the remaining piece of paper.



Ans:	 cm ²
	200.44



Questions 41 to 48 carry 3 or 4 marks each. Show your working	clearly in the space below
each question and write your answers in the spaces provided.	(30 marks)

41	Rayson played tennis for 65 minutes. He rested for 10 minutes before he jogged
	for 30 minutes. He stopped jogging at 5.40 p.m. What time did he start playing
	tennis?

Ans:		[3]

Ans: _____[3]

⁴² The total cost of a dress and 2 skirts was \$370. The dress cost 3 times as much as a skirt. Find the cost of the dress.

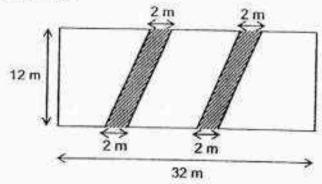
43	The capacity of a jug is 4 times the capacity of a glass. The total	
	capacity of the glass and the glass is 1 200 ml. What is the difference in the capacities between the glass and the jug?	

Ans : _____[4]

Ans:______[4]

⁴⁴ Mr Tan has some sweets in a box. If each student takes 7 sweets, there will be 5 sweets left in the box. If each student takes 8 sweets, he will need 3 more sweets. How many students are there?

45 2 footpaths, 2 m wide, cut across a field. Find the area of the field not covered by the footpaths.

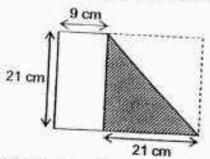


Ans : ____

46 Kate had \$226 and Colin had \$610. Both of them spent the same amount of money each. The amount of money Colin had left was four times the money Kate had left. How much did each of them spend?

Ans : ____

47 A rectangular piece of paper is folded to form the shape below.



- (a) What is the area of the paper when it is unfolded?
- (b) What is the perimeter of the paper when it is unfolded?

Аля : (а)	[2]
Ans : (b)	[2]

48 The total cost of a mango and a pear was \$3.40. The total cost of a mango and an apple was \$3.80. Brad bought 4 mangoes, 2 pears and an apple for \$13.20. Find the

Ans:	[4]
End of paper	
17	8

YEAR

: 2016

2

LEVEL

PRIMARY 4

SCHOOL

RED SWASTIKA

SUBJECT

MATHEMATICS

TERM

SA1

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	2	3	3	1	1	2	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	3	1	1	4	3	4	3	3	4

12675

Booklet B

Q21

80 011

Q22

2

Q23

35

Q24

135 °

Q25

54 °

Q26

300 cm²

Q27



Q28

50°

Q29

40 cm

Q30

Point D is south-east of Point C.

Q31

3105

Q32 Q33 Perimeter → (10 + 22 + 20 + 6 + 10 + 16) ⇒ 84 cm Q34 320 + 40 ⇒ 360 buns 24 & 48 Multiples of $6 \rightarrow 6, 12, 18, 24, 30, 36, 42, 48, 54$ Q35 Multiples of $8 \rightarrow 8, 16, 24, 32, 40, 48, 56$ 24 & 48 $24 + 48 \Rightarrow 72$ Q36 275 + 275 = 550275 x 4 = 1100 1100 + 550 ⇒ 1650 books $\sqrt[2]{49} \Rightarrow 7 \text{ cm}$ Q37 Q38 40 x 20 = 800 36 x 16 = 576 $800 - 576 \Rightarrow 224 \text{ m}^2$ Q39 3549 Q40 $5 \times 5 = 25$ 25 x 4 = 100 $20 \times 20 = 400$ $400 - 100 \Rightarrow 300 \text{ cm}^2$ Q41 3.55 pm Q42 \$370 + 5 = \$74 $$74 \times 3 \Rightarrow 222

$$61 - 5 \rightarrow 56$$

 $56 + 7 \Rightarrow 8$ students

Q45 12 x 2 = 24
12 x 2 = 24
24 + 24 = 48
12 x 32 = 384
384 - 48
$$\Rightarrow$$
 336 m²

Q47 (a)
$$21 + 9 = 30 \text{ cm}$$

 $30 \times 21 \Rightarrow 630 \text{ cm}^2$

(b)
$$30 + 21 + 30 + 21 \Rightarrow 102 \text{ cm}$$

End

80



Rosyth School First Semestral Assessment 2016 Mathematics Primary 4

Name:		Total 100
Class: Pr 4	Register No	Duration: 1h 45 min
Date: 10 May 2016	Parent's Signature:	¥

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. This paper consists of 3 parts, Sections A, B and C.
- For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
- 5. ANSWER ALL THE QUESTIONS.

Maximum	Marks Obtained
40	
40	
20	
100	
	40 40 20

^{*} This paper consists of 20 printed pages altogether.

Section A

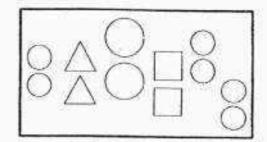
For questions 1 to 20, four options are given. One of them is the correct answer Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) onto the Optical Answer Sheet provided. Each question carries 2 marks.

(40 marks)

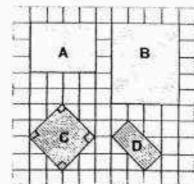
- In which of the following numbers does the digit 7 stand for 7000?
 - (1) 12 758
 - (2) 36 274
 - (3) 57 983
 - (4) 71 253
- A number is 500 when rounded off to the nearest ten. What could the number be?
 - (1) 489
 - (2) 499
 - (3) 505
 - (4) 514
- How many litres of water are there in the container?
 - (1) $1\frac{3}{10}$
 - (2) $1\frac{1}{2}I$
 - (3) $1\frac{3}{5}$
 - (4) $1\frac{3}{4}I$



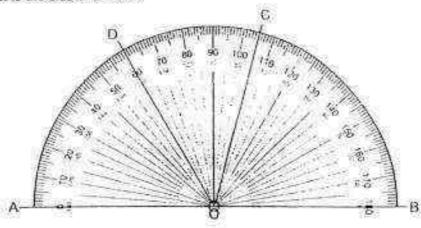
- 4. What fraction of the shapes are circles?
 - (1) $\frac{1}{6}$
 - (2) $\frac{1}{3}$
 - (3) $\frac{1}{2}$
 - (4) $\frac{2}{3}$



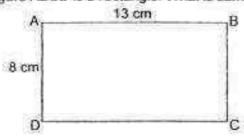
- 5. What is the remainder when 519 is divided by 5?
 - (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
- 6. Which of the following shape is a square?
 - (1) A
 - (2) B
 - (3) C
 - (4) D



7 What is the size of ∠AOC?



- (1) 60
- (2) 75
- (3) 105"
- (4) 120
- 8. Alicia bought 3 kg of rice. She used $\frac{1}{3}$ kg of the rice. How much rice was left?
 - (1) 1 kg
 - (2) 2 kg
 - (3) $2\frac{2}{3}$ kg
 - (4) $3\frac{1}{3}$ kg
- 9. Figure ABCD is a rectangle. What is sum of the length of BC and CD?



- (1) 8 cm
- (2) 13 cm
- (3) 21 cm
- (4) 42 cm

10

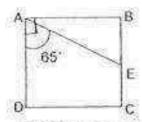
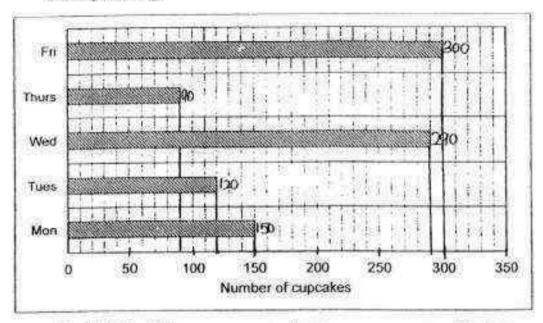


Figure ABCD is a square, Find ZEAB.

- (1) 15
- (2) 25
- (3) 35*
- (4) 45
- The bar graph below shows the number of cupcakes baked by Mrs Lim from Monday to Friday.



Mrs Lim baked twice as many cupcakes on ______ as on Monday.

- (1) Tues
- (2) Wed
- (3) Thurs
- (4) Fri

- 12. Chandra and his sister ordered a pizza. Chandra ate $\frac{1}{3}$ of the pizza. His sister ate $\frac{5}{9}$ of the pizza. What fraction of the pizza was left?
 - (1)
 - (2)
 - (3)
 - (4) 8
- 13. In a pizza shop, Jason bought 16 whole pizzas and he cut each whole pizza into 8 slices. How many slices of pizza did he have?
 - (1) 6
 - (2) 24
 - (3) 48
 - (4) 128
- 14. There are 2 teachers and 38 pupils in a class party.
 The teachers ate 2 nuggets each while the pupils ate 3 nuggets each.
 How many nuggets were there?
 - (1) 116
 - (2) 118
 - (3) 190
 - (4) 200
- 15. The difference between two numbers is 12. The greater number is 4 times of the smaller number. What is the greater number?
 - (1) 15
 - (2) 16
 - (3) 3
 - (4) 48

16. The table below shows the marks scored by Bala in his examination.

	Marks
English	?
Mathematics	?
Science	93
Total	237

Bala scored twice as many marks for Mathematics than for English. How much did he score for English?

- (1) 36
- (2) 48
- (3) 72
- (4) 96
- 17. The cost of a table, shelf and a television is \$1288.

The television is twice as much as the shelf.

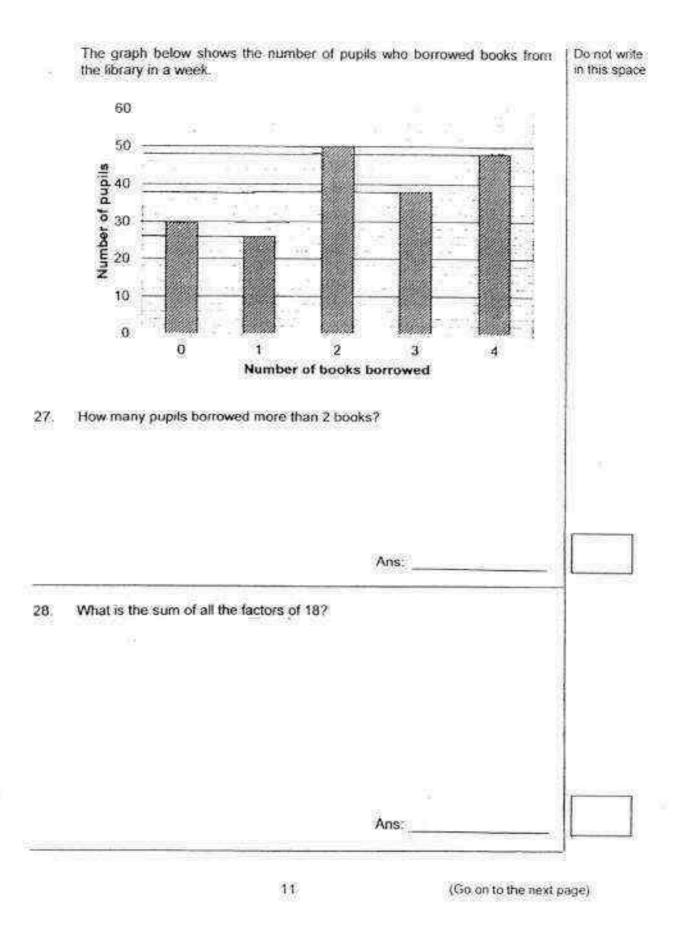
The shelf is twice as much as the table. What is the cost of the shelf?

- (1) \$184
- (2) \$322
- (3) \$368
- (4) \$736
- 18. Mrs Devi made some apple tarts. She gave $\frac{3}{5}$ of the tarts to her friends. She had 60 tarts left. How many tarts did she give away?
 - (1) 30
 - (2) 36
 - (3) 90
 - (4) 150

- 19 Primary 18 has 30 students. $\frac{2}{5}$ of the students are girls. How many girls are there in Primary 18?
 - (1) 6
 - (2) 12
 - (3) 15
 - (4) 18
- 20. Ihsan goes to the library every 2 days. Jackson goes to the library every 4 days. If they first met each other in the library on a Sunday, when would be the next time they meet each other again?
 - (1) Friday
 - (2) Saturday
 - (3) Wednesday
 - (4) Thursday

30(3)(0) D		Do not write in this space
All diagrams in this paper are not drawn to scale unless stated otherwise.		
21.	What number is 100 more than 9974?	
	Ans:	
22.	Round off 7285 to the nearest hundreds.	
	Ans:	
23.	6372 + 6 =	
	Ans:	

24.	Write $\frac{34}{3}$ as a mixed number in its simplest form.	Do not write in this space
	Ans:	
25.	What is $\frac{2}{7}$ of 21?	
	Ans:	
26.		
	Which letter is Southwest of B?	
	_ Ans:`	-



29.	Arrange $\frac{5}{2}$, $1\frac{1}{2}$, $\frac{9}{4}$ beginning with the smallest.	Do not write in this space
	Ans:,,	
	Smallest	
30.	Milk was sold at \$8 for 2 bottles. Jolene bought 10 such bottles. How much did she pay?	
	Ans: \$	
31.	Nicholas bought 4 identical toy cars at the same cost, He gave the cashier \$50 and received a change of \$18. How much did 1 such toy car cost?	
	Ans: \$	_ L
	12 (Go on to the n	ext page)

32.	What improper fraction does the letter B represent?	Do not write in this space
	5 1 1 8	
	Ans:	
33.	Geraldine had \$42. She used \$14 to buy a watch. What fraction of her money had she left? Express your answer in the simplest form.	
	Ans:	
34.	How many eighths are there in $1\frac{3}{8}$?	
	Ans:	
35.	Hamid read $\frac{1}{5}$ of a story book. If he read 29 pages, how many pages are there in his story book?	
	Ans:	

13

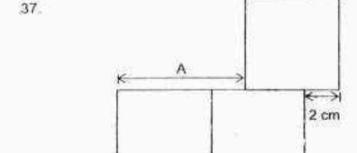
36. Farah bought $\frac{3}{8}$ m of ribbon. Her mother gave her another $\frac{1}{4}$ m of ribbon.

Do not write in this space

What is the total length of ribbon that she has now?

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

Ans: _____ m



8 cm

The figure above is made up of 3 similar squares. What is the length A?

Ans:

14

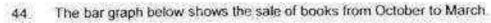
38.		8	u.		Do not write in this space
		w sw	NE E SE		
	I am facing North	h-west, If I turn 135	"anticlockwise,		
	I will be facing _				
			Ans:		
	The table below money and the t	Number of notes Ha	izifah and Eva ha	Total amount	r
	Hazifah	\$2 notes	\$5 notes	of money	
	Eva	9	9	\$99	
39	How much mon	ey did Hazifah hav	e? Ans:	\$	
40.	How many \$2 n	otes did Eva have?			
			Ans	8.5 <u></u>	
		15	5	(Go on to the ne	ext page)

Section C. For Questions 41 to 45, 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. All diagrams in this paper are not drawn to scale unless stated otherwise. (20 marks)	Do not write in this space
Bernice has some ribbons. She has 10 more red ribbons than blue ribbons. She has 6 more blue ribbons than green ribbons. How many ribbons does she have if there are 20 green ribbons?	
Ans:	

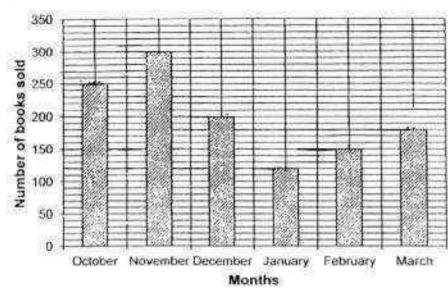
16

	17 (Go on to the nex	t nace)
	Ans: (a) (b) [3	2]
	75. HT	
	b) After a party, only $\frac{3}{8}$ of the soft drinks were left. How many cans of soft drinks were drunk at the party?	
	drinks. a) How many cans of soft drinks were there altogether?	1
42.	Mr Khoo bought 4 cartons of soft drinks. Each carton had 24 cans of soft	Do not write in this space

	Serviciae.
(b)[2]	<u> </u>
Ans: (a)[2]	ſ
b) If one box contained 5 chocolate bars, how many boxes were there?	
had 11 chocolate bars left. a) How many chocolate bars were there altogether?	
among 9 pupils. Each pupil received 6 chocolate bars and Mrs Joseph	
with Josephi Dought Source Grocolate Balls Site States	Do not wn in this spa



Do not write in this space



- (a) On which month was there the least number of books sold?
- (b) The cost of each book is \$4. What is the total amount of money collected from the sale of books from October to March?

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

19

45.	Nelly, Yvonne and Aminah saved \$345 altogether	Do not write in this space
	Nelly's savings was \$55 more than Yvonne.	
	Aminah saved twice as much as Nelly. How much did Yvonne save?	
	How much and Evolute save?	
	Œ.	
		1
		Î
		1
	Ans:	[4]

End of Paper

YEAR 2016

(0.000.00 LEVEL PRIMARY 4 . ROSYTH SCHOOL

MATHEMATICS SUBJECT

• TERM SA1

Section A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	3	4	4	3	3	3	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	4	2	2	2	3	3	2	4

Section B

Q21 10 074

Q22 7300

Q23 1062

 $11\frac{1}{3}$ Q24

 $21 \div 7 \rightarrow 3$ Q25 $3 \times 2 \Rightarrow 6$

F Q26

Q27 38 + 48 ⇒ 86 pupils

Factors of 18 → 1, 2, 3, 6, 9, 18 Q28

Q29

 $\$8 \times 5 \Rightarrow \40 Q30

Q32
$$5\frac{3}{5} = \frac{25}{5} + \frac{3}{5} \Rightarrow \frac{28}{5}$$

Q33
$$\$42 - \$14 \rightarrow \$28$$
 $\frac{28}{42} \left\{ \frac{2}{3} \right\}$

Q34
$$1\frac{3}{8} = \frac{8}{8} + \frac{3}{8} \rightarrow \frac{11}{8} \Rightarrow \underline{11}$$

Q36
$$\frac{3}{8} + \frac{1}{4} = \frac{3}{8} + \frac{2}{8} \Rightarrow \frac{5}{8} \text{ m}$$

Q39
$$5 \times 2 = 10$$

 $7 \times 5 = 35$
 $10 + 35 \Rightarrow 45

Q40
$$5 \times 9 = 45$$

 $99 - 45 = 54$
 $54 \div 2 \Rightarrow 27$

Section C

- Q41 $1u \rightarrow 20$ $3u \rightarrow 20 \times 3 = 60$ $Excess \rightarrow 10 + 6 + 6 = 22$ $Total \rightarrow 60 + 22 \Rightarrow 82 \text{ ribbons}$
- Q42 (a) $24 \times 4 \Rightarrow 96 \text{ cans}$
 - (b) $8u \rightarrow 96$ $1u \rightarrow 96 + 8 = 12$ $5u \rightarrow 12 \times 5 \Rightarrow 60 \text{ cans}$
- Q43 (a) 9 x 6 → 54 Total → 54 + 11 ⇒ <u>65 chocolate bars</u>
 - (b) 65 ÷ 5 ⇒ 13 boxes
- Q44 (a) January
 - (b) 250 + 300 + 200 = 750 750 + 120 + 150 + 180 = 1200 1200 x \$4 ⇒ \$4800
- Q45 Extra \rightarrow \$55 x 3 = \$165 4u \rightarrow \$345 - \$165 = \$180 1u \rightarrow \$180 ÷ 4 \Rightarrow \$45

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2016

PRIMARY 4

MATHEMATICS

BOOKLET A

Name :(Parent's Signature
Class: Primary 4	
There are 15 questions in this booklet. SECTION A	€
Total Time: 1 h 45 min (Booklet A and B)	

INSTRUCTIONS TO CANDIDATES

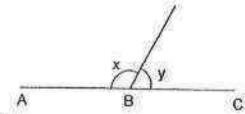
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.
CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 6 printed pages. (Inclusive of cover page)

Section A: (30 marks)

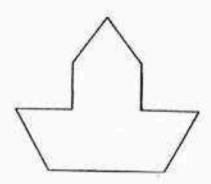
Questions 1 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- 1. What is the value of the digit 8 in 46 891?
 - (1) 8
 - (2) 80
 - (3) 800
 - (4) 8000
- 2. Round off 56 499 to the nearest hundred.
 - (1) 56 000
 - (2) 56 400
 - (3) 56 490
 - (4) 56 500
- Which of the following is not a common factor of 12 and 18?
 - (1) 6
 - (2) 2
 - (3) 3
 - (4) 4
- The figure below is not drawn to scale. ABC is a straight line. Estimate the value of y.



- (1) 10°
- (2) 75°
- (3) 90°
- (4) 130°

5. How many angles inside the figure shown below are greater than a right angle?



- (1) 9
- (2) 6
- (3) 3
- (4) 4
- 6 THEORY

How many of the letter(s) above has/have both perpendicular and parallel lines?

- (1) 1
- (2) 2
- (3) 3
- (4) 4
- 7. Which one of the letters has no lines of symmetry?

F

(2)

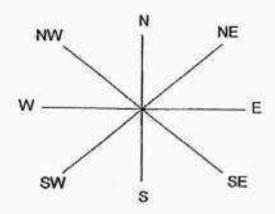
X

(3)

Y

- 8. Find the common multiple of 4 and 6.
 - (1) 12
 - (2) 2
 - (3) 18
 - (4) 4
- 9. There are 12 adults and 16 children at a party. What fraction of the people at the party were children?
 - (1) $\frac{1}{4}$
 - (2) $\frac{3}{4}$
 - (3) $\frac{3}{7}$
 - (4) $\frac{4}{7}$
- 10. Mrs Lee bought 4 kg of longans. She ate $\frac{5}{8}$ kg of longans. How much longans had she left?
 - (1) $3\frac{3}{8}$ kg
 - (2) $3\frac{5}{8}$ kg
 - (3) $4\frac{3}{8}$ kg
 - (4) $4\frac{5}{8}$ kg

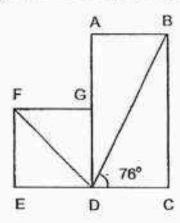
- 11. Arrange the following in decreasing order.
 - (1) $2, \frac{6}{5}, \frac{2}{3}, \frac{2}{5}$
 - (2) $2, \frac{6}{5}, \frac{2}{5}, \frac{2}{3}$
 - (3) $2, \frac{2}{3}, \frac{6}{5}, \frac{2}{5}$
 - (4) $2, \frac{2}{3}, \frac{2}{5}, \frac{6}{5}$
- 12. Look at the 8-point compass below.



When Siti turns 135° in an anti-clockwise direction, she will face East. Where was she facing at first?

- (1) W
- (2) S
- (3) NW
- (4) SW

13. ABCD is a rectangle and DEFG is a square. Find angle BDF.



- (1) 14°
- (2) 59°
- (3) 90°
- (4) 121°
- 14. The sum of 2 numbers is equal to the product of 24 and 5. If one of the numbers is 75, what is the other number?
 - (1) 25
 - (2) 45
 - (3) 175
 - (4) 195
- 15. Mrs Lee poured $\frac{2}{3}$ fitres of water into beaker A. She poured $\frac{1}{6}$ litres less water into beaker B. How much water was there in both beakers A and B?
 - (1) $\frac{1}{2}$ litres
 - (2) $\frac{5}{6}$ litres
 - (3) $1\frac{1}{6}$ litres
 - (4) $1\frac{1}{2}$ litres

END OF BOOKLETA

SINGAPORE CHINESE GIRLS' SCHOOL FIRST SEMESTRAL ASSESSMENT 2016

PRIMARY 4

MATHEMATICS

BOOKLET B

Name:	()
Class : Primary 4	

		Marks attained	Max Mark
Booklet A	Section A		30
Booklet B	Section B		40
	Section C		30
То	tal		100

Parent	s Signature

There are 28 questions in this booklet. SECTION B and C

Total Time: 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO. FOLLOW ALL INSTRUCTIONS CAREFULLY. ANSWER ALL QUESTIONS.

This question paper consists of 16 printed pages. (Inclusive of cover page)

Que: prov	ection B: (40 marks) luestions 16 to 35 carry 2 marks each. Write your answers in the spaces rovided. For questions which require units, give your answers in the units tated.				
16.	Write 98 712 in words.				
		F.			
17.	Fill in the blank with the correct number in the number pattern below.				
	34 140 , 34 200 , 34 260,, 34 386				
	Ans:				
18.	Arrange these numbers, beginning with the smallest number.				
	2508 2058 2558 2805				
	Ans:				
	smallest greatest				
		6			

Here are five number cards.

Do not write In this column

2

1

5

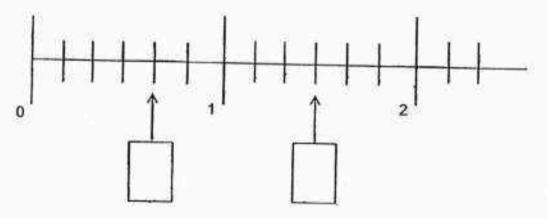
8

4

Arrange these cards to form the greatest 5-digit even number.

Ans : ____

 Look at the number line below. Write the fraction or mixed number in the boxes provided.



21. 37 x 48 = ____

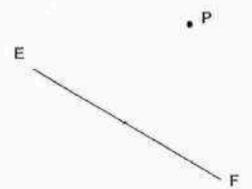
Ans : ____

22	1 _	4 _	
LL.	10	$\frac{4}{5} =$	

Do not write In this column

Ans : _____

Draw a line perpendicular to EF passing through point P.



24. Construct and label an angle such that ABC is equal to 55°.





25. Mother packed 385 cookles equally into 4 boxes. How many cookles were left over?

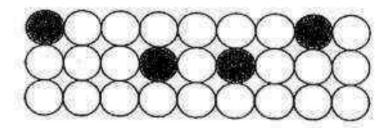
Do not write in this column

Ans:____

26. $\frac{1}{4}$ of Huiling's stamps is 12. How many stamps does she have?

Ans : _____

27. Four circles are shaded below. How many more circles should be shaded so that $\frac{4}{9}$ of the set is shaded?



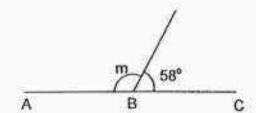
Ans:___

28. Devi had 100g of sugar. She used $\frac{2}{5}$ of the sugar. How much sugar was left?

Do not write In this column

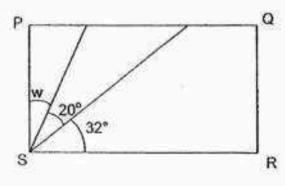
Ans:

29. In the figure below, ABC is a straight line. Find ∠m.



Ans:_____

30. PQRS is a rectangle. Find the value of ∠w.

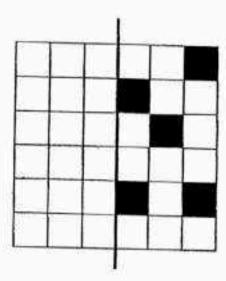


Ans : _____



31. Shade and complete the figure using the bold line as the line of symmetry.

Do not write In this column



32. There are some pupils in the hall. $\frac{4}{9}$ of the pupils are boys and the rest are girls. There are 40 girls. How many pupils are there in the hall?

Ans:

			1
			/
		1	
	4	1	
10	/	4	1
1		0.0	

33. A string was 4m long. Christina gave $\frac{1}{4}$ of it to her sister and $\frac{3}{4}$ m to her friends. How much string had she given away?

Do not write in this column

Ans: m

34. A bag and a pair of shoes cost \$200. The bag cost 4 times as much as a pair of shoes. Find the cost of a pair of shoes.

Ans : \$_____

35.	Fiona, Gillian and Heather had a total of 275 stickers. Fiona had thrice as
	many stickers as Gillian and Heather had 30 more stickers than Gillian.
	How many stickers did Gillian have?

Do not write In this column

Ans : ____



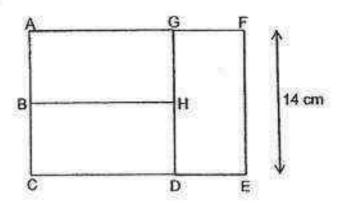
Cantina	120	manelm	а
Section	เฉบ	marks	и

For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

Do not write In this column

36. The figure below is made up of 3 identical rectangles. Find the lengths of

- a) CD,
- b) AF.



Ans: a)____[1]

b)_____[2]

37. Kelly won \$888 in a lucky draw. She donated \$350 to charity and divided the rest equally among her 2 children. How much money did each child get?

Ans: [3]



30.	She repacked the erasers into packets of 8 erasers each. a) How many packets would there be? b) How many erasers were left over?	Do not write In this column
		1
		4
	Ans: a)[3]	A
	b)[1]	
-		4

39. A bottle of milk was $\frac{1}{2}$ full. After Linda drank 120 ml of milk from the bottle, it became $\frac{5}{12}$ full. How much milk was there in the bottle when it was $\frac{1}{2}$ full?

Do not write In this column

Ans: _____[4]

40.	There were 250 more English books than Chinese books in a school library.						
	When the librarian bought another 120 English books and 80 Chinese books,	Do not write In this column					
	the total number of books in the library became 1500.	35.400 300000					
	How many English books were there at first?						
	Ans:[4]						
		/.					
-		4					

41. At a buffet, ¹/₈ of the sticks of satay were beef, ¹/₄ of them were mutton and the rest were chicken. Given that there were 225 sticks of chicken satay, how many sticks of satay were there at the buffet?

Do not write In this column

Ans: _____[4]

42.	Emma has 180 erasers. She has 5 times as many erasers as Janice. a) How many erasers must Emma give Janice so that they will have the same number of erasers? b) How many erasers do they have altogether?	Do not write In this column
	Ans; a)[2]	
	b)[2]	

Ans:[4]	
sweets, Ruth had four times as many sweets as Kayla. How many sweets did Ruth and Kayla have in total at first?	Do not write in this column

EXAM PAPER 2016 (P4)

SCHOOL: SCGS

SUBJECT: MATHEMATICS

TERM: SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	4	2	2	2	1	1	4	1
Q11	Q12	Q13	Q14	Q15	I.				
1	4	2	2	3					

Corrections (SAI 2016)

Section B: (40 marks)

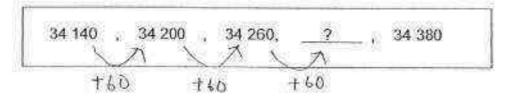
Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write In this column

16. Write 98 712 in words.

Minety-eight thousand, seven hundred and twelve

17. Fill in the blank with the correct number in the number pattern below.



34260+60 = 34320

Ans: 34320

Arrange these numbers, beginning with the smallest number.

2508

2058

2558

2805

Ans: 2058 , 2508 , 2558 , 2605 greatest

6

19. Here are five number cards.

Do not write In this column

2

1

5

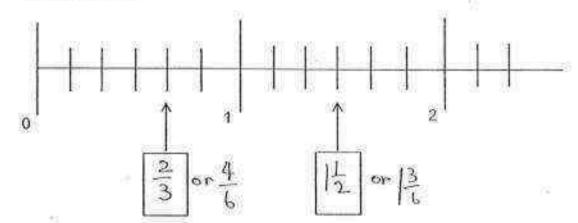
8

4

Arrange these cards to form the greatest 5-digit even number.

Ans: 85 412

 Look at the number line below. Write the fraction or mixed number in the boxes provided.



	1771
Ans:	1116
5	

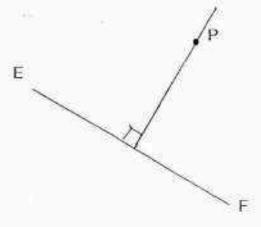
22.
$$\frac{1}{10} + \frac{4}{5} = \boxed{}$$

Do not write In this column

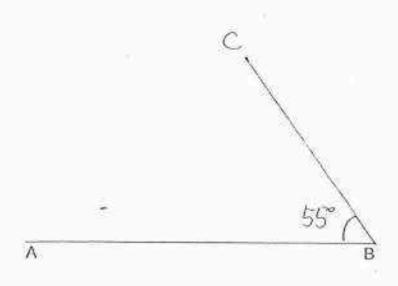
$$\frac{1}{10} + \frac{8}{10} = \frac{9}{10}$$

Ans: 10

23. Draw a line perpendicular to EF passing through point P.

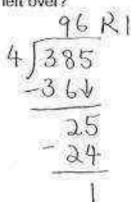


Construct and label an angle such that ABC is equal to 55°.



25. Mother packed 385 cookies equally into 4 boxes. How many cookies were left over?

Do not write to this column:



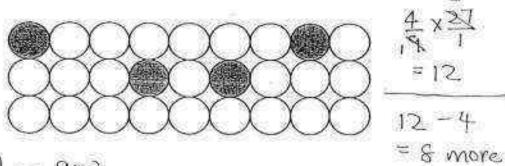
Ans:___|

26. $\frac{1}{4}$ of Huiling's stamps is 12. How many stamps does she have?



Ans: ___48

27. Four circles are shaded below. How many more circles should be shaded so that $\frac{4}{9}$ of the set is shaded?

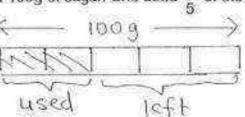


Total - 9x3 = 27

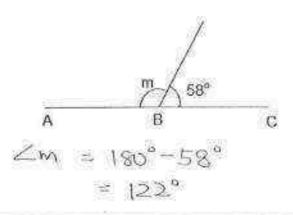
Ans: 8

Do not write In this column

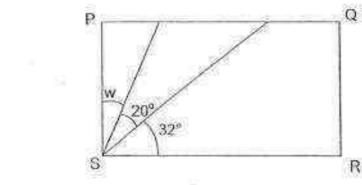
28. Devi had 100g of sugar. She used $\frac{2}{5}$ of the sugar. How much sugar was left?



29. In the figure below, ABC is a straight line. Find ∠ m.



30. PQRS is a rectangle. Find the value of ∠w.

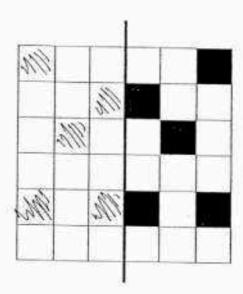


Ans: 38

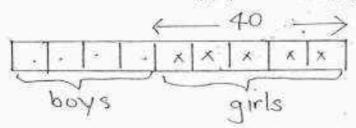


Shade and complete the figure using the bold line as the line of symmetry.

Do not write In this column



32. There are some pupils in the hall. $\frac{4}{9}$ of the pupils are boys and the rest are girls. There are 40 girls. How many pupils are there in the hall?



	7つ
Ans : _	

1	
1	
4	
	4

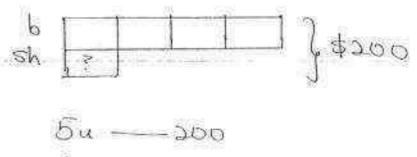
33. A string was 4m long. Christina gave $\frac{1}{4}$ of it to her sister and $\frac{3}{4}$ m to her friends. How much string had she given away?

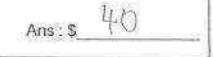
Do not write In this column

Length of
$$-4-1-\frac{3}{4}$$

string given $=3-\frac{3}{4}$
 $=3-\frac{3}{4}$
 $=24-\frac{3}{4}=24$ Ans: 24 m

34. A bag and a pair of shoes cost \$200. The bag cost 4 times as much as a pair of shoes. Find the cost of a pair of shoes.

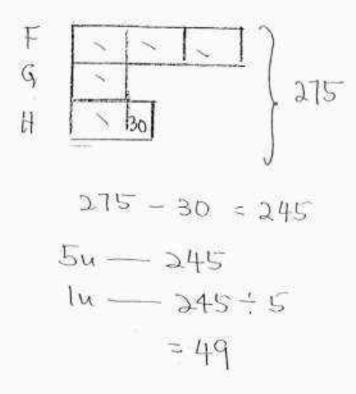






35. Fiona, Gillian and Heather had a total of 275 stickers. Fiona had thrice as many stickers as Gillian and Heather had 30 more stickers than Gillian. How many stickers did Gillian have?

Do not write In this column



		LG
Ans	å	• 1

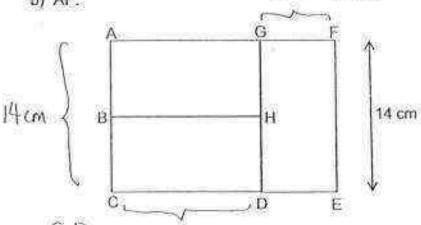
Section C: (30 marks)

For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

Do not write In this column

The figure below is made up of 3 identical rectangles. Find the lengths of 36. 14-2=7cm





Kelly won \$888 in a lucky draw. She donated \$350 to charity and divided the 37. rest equally among her 2 children. How much money did each child get?

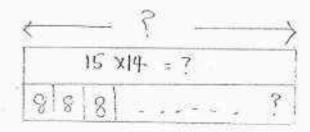
$$\begin{array}{c|c}
\leftarrow $888 \longrightarrow \\
\hline $350 & \text{In In} \\
\text{Scharity} \Rightarrow \\
?
\end{array}$$

[3]

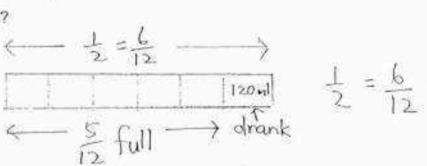


- Sandy bought 15 boxes of erasers. There were 14 erasers in each box.
 She repacked the erasers into packets of 8 erasers each.
- Do not write In this column

- a) How many packets would there be?
- b) How many erasers were left over?



Ans: a) 26 [3] b) 2 [1] 39. A bottle of milk was $\frac{1}{2}$ full. After Linda drank 120 ml of milk from the bottle, it became $\frac{5}{12}$ full. How much milk was there in the bottle when it was $\frac{1}{2}$ full?

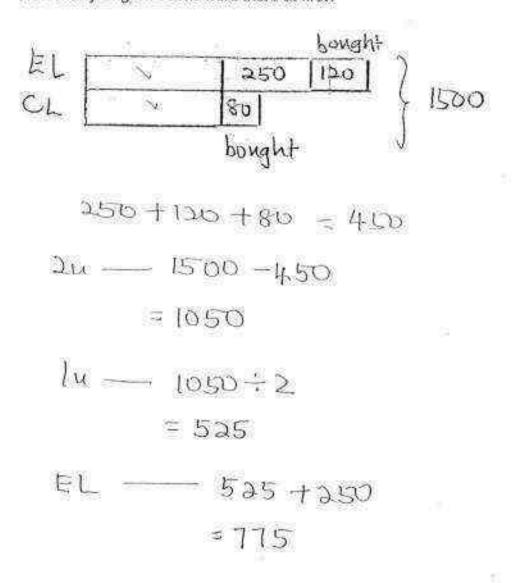


Do not write In this column

	720 ml	
Ans:	1 - 1,00	[4]

40. There were 250 more English books than Chinese books in a school library. When the librarian bought another 120 English books and 80 Chinese books, the total number of books in the library became 1500. How many English books were there at first?

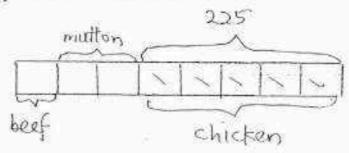
Do not write In this column



Ans: __775___[4]

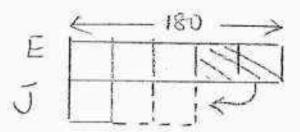
41. At a buffet, ¹/₈ of the sticks of satay were beef, ¹/₄ of them were mutton and the rest were chicken. Given that there were 225 sticks of chicken satay, how many sticks of satay were there at the buffet?

Do not write In this column



Ans: __360_[4]

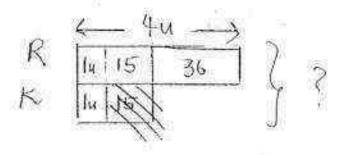
- 42. Emma has 180 erasers. She has 5 times as many erasers as Janice.
- Do not write In this column
- a) How many erasers must Emma give Janice so that they will have the same number of erasers?
- b) How many erasers do they have altogether?



Ans: a)_	72	[2]
b)	216	[2]

43. Ruth had 36 more sweets than Kayla at first. After Kayla had eaten 15 of her sweets, Ruth had four times as many sweets as Kayla.
How many sweets did Ruth and Kayla have in total at first?

Do not write in this column



Ans: _[00 __[4]

4

END OF PAPER PLEASE CHECK YOUR WORK



PRIMARY 4 MID-YEAR EXAMINATION 2016

Name : (!	Date: <u>13 May 2016</u>
Class : Primary 4 ()	Time: <u>8.00 a.m. to 9.00 a.m.</u>
Parent's Signature :	Marks: / 100

MATHEMATICS PAPER 1

(Booklet A and Booklet B)

Duration for Paper 1 is 1 hour.

Do not open this booklet until you are told

to do so.

)

Read and follow all instructions carefully.

Answer all questions.

Paper 1 (Booklet A)

Multiple Choice Questions

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (20 marks)

1.	The digit 8 in 40 829 is in the	place.
	123.50 Supplied to 140.000 Market State Control	

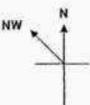
- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

- (1) 3 030
- (2) 30 003
- (3) 30 030
- (4) 30 300

Find the product of 37 and 30.

- (1) 111
- (2) 900
- (3) 1110
- (4) 1200

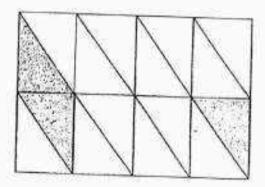
- 4. What is the quotient when 418 is divided by 7?
 - (1) 0
 - (2) 5
 - (3) 59
 - (4) 60
- 5. A number when rounded to the nearest hundred is 3 000.
 What is that number?
 - (1) 2648
 - (2) 2952
 - (3) 3 084
 - (4) 3 123
- 6. David is facing North-West. After he turns 90° anticlockwise, in which direction will he face?



- (1) East
- (2) West
- (3) North-East
- (4) South-West

- 12 is a common multiple of ______.
 - (1) 5 and 7
 - (2) 2 and 10
 - (3) 3 and 9
 - (4) 4 and 6

8.



A rectangle is divided into 16 equal parts.

How many more parts must be shaded so that $\frac{1}{4}$ of the figure is shaded?

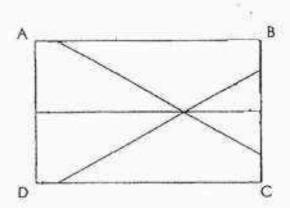
- (1) 1
- (2) 9
- (3) 12
- (4) 4

9. $9\frac{3}{8} = 8\frac{\boxed{7}}{8} + \frac{4}{8}$

What is the missing number?

- (1) 1
- (2) 7
- (3) 3
- (4) 9

10.



How many right angles are there in the figure?

- (1) 10
- (2) 8
- (3) 6
- (4) 4

Paper 1 (Booklet B)

Short Answer Questions

Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. Questions 11 to 30 carry 2 marks each. (40 marks)

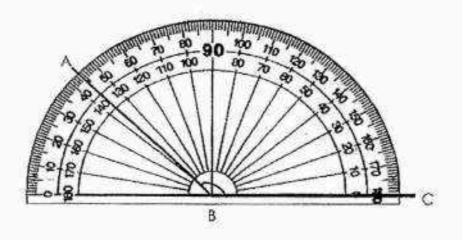
Write 86 735 in words.

 Use the digits below to form the largest 4-digit even number. Each digit can be used only once.

7, 0, 2, 8

13. Find the remainder when 5 392 is divided by 9.

14. Find LABC.





15. Draw a line perpendicular to RS, passing through T.

R

S

Tas

Arrange the following fractions in increasing order.

$$\frac{7}{6}$$
 , $\frac{9}{4}$, $1\frac{2}{3}$



17. $\frac{7}{9}$ of a number is 63. What is the number?

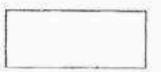


18. Study the number pattern below carefully. What is the missing number?

25	07	W 46	1000	P. Carlotte		
23	2/	30	?	39	45	52
		1				VL



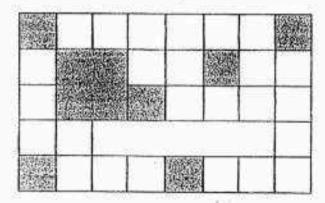
19. Find the value of 47 x 14.



20. The figure below is made up of squares and a rectangle.

What fraction of the figure is shaded?

Express your answer in its simplest form.



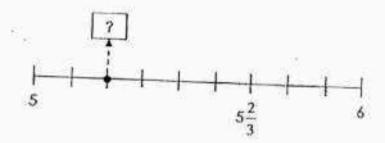
21. How many fifths are there in $\frac{4}{5}$?

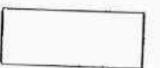


22. What is the sum of all the even numbers from 55 to 65?

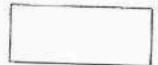


 What is the missing fraction? Express your answer as a mixed number in its simplest form.



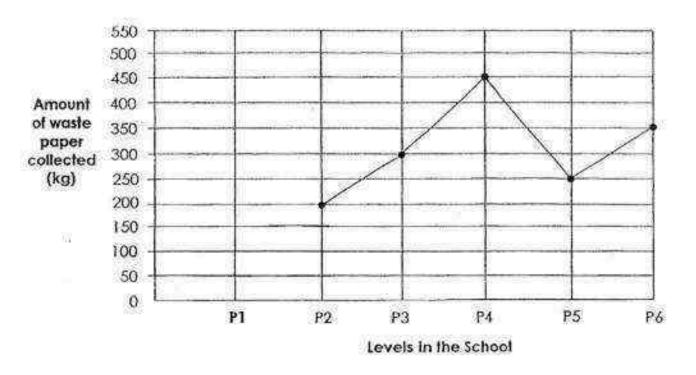


24. Wendy has 20 crayons more than Peter. When Peter gives Wendy 5 crayons, how many more crayons will Wendy have than Peter?

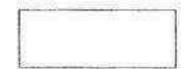


Study the graph carefully and answer questions 25 and 26.

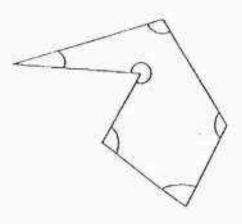
The line graph below shows the amount of waste paper collected by each level of pupils in a school.



- 25. P5 pupils collected 5 times as much waste paper as the P1 pupils.
 <u>Draw</u> to complete the graph for P1.
- 26. Which level collected more than the P3 but less than the P4?

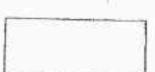


 Look at the figure. How many angles inside the figure are less than 90°.



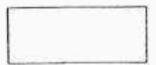


28. Mr Teo bought 12 boxes of sweets for his pupils. Each box contained 12 sweets. He gave each pupil 4 sweets. How many pupils were there in his class?

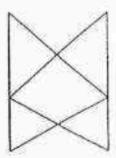


29.





30. Draw the line of symmetry for the following figure.



End of Paper 1

Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. There were 800 comic books in three boxes. There were 278 comic books in the first box. There were 29 more comic books in the first box than in the second box. How many comic books were there in the third box?

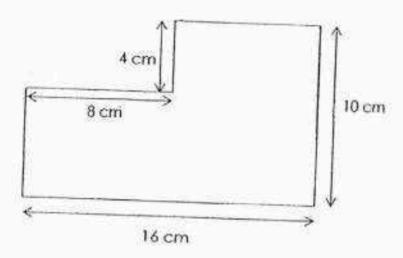
Ans:	

- 2. Mr Tan has to paint 4 walls each measuring 4 m by 15 m.
 - (a) Find the total area of the 4 walls that Mr Tan has to paint.
 - (b) Mr Tan needs to use 0.5 litre of paint for an area of 1 m².
 How many litres of paint does he need to paint the 4 walls?

Ans : (a)	

(b) _____

- Look at the figure below.
 - a) Find the perimeter of the tigure.
 - b) Find the area of the figure.



Ans : al	
Ans : a)	
7.5	4

4. Mrs Ong bought 48 oranges. She threw away $\frac{1}{6}$ of them which were rotten and gave away $\frac{1}{5}$ of the remaining oranges. How many oranges did she have left?

Ans :

		orne erasers				
rece	elved 5 ei	rasers, he wo	ould have	3 erasers	left. If	each o
ther	m receive	ed 6 erasers,	he would	be short o	of 2 ero	isers.
		rasers did An				
						200
				27.9		

6. Balo	a bought t	wo T-shirts ar	nd a pair of p	ants for \$80	
The	pair of pa	nts costs 3 ti	mes as much	as the two	T-shirts.
a)	What wa	s the cost of	each T-Shirt?	?	
b)	What wa	s the cost of	the pair of p	ants?	
15					
	1.50	*		ë	9, 800
612					8
			1		

b) ____

of lackets and I ship	school bought an equal number	Ô
of jackets and T-shirts.	anacona, en esperanto compe	
Each jacket cost \$23 and		
The team paid \$184 for t		
What was the total amo	unt of money spent?	
88		
42		

Ans:

8.	A container when totally filled with water weighs 1778g
	When it is $\frac{1}{4}$ full, its mass is 578g.
	What is the mass of the container when it is empty?

Ans:

Mrs Lee is 30 years	rs older than he	daughter, Ja	ne.
In 6 years' time, t	Mrs Lee will be 3	times as old o	s Jane.
(a) How old is Jar			
(b) Jane's brothe		ger.	
now old is her	brother now?		
900			
		3	
		9	

Ans :(a)	
(b)	

0.	Weiming bought a video game set for \$75.
	He paid the exact amount in \$10-notes and \$5-notes.
	He gave the shopkeeper 9 notes in all.
	How many \$10-notes did weirning use?

End-of-Paper

Ans : ____

EXAM PAPER 2016 (P4)

SCHOOL: TAO NAN

SUBJECT: MATHEMATICS

TERM: SA1

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

11) Eighty-six thousand, seven hundred and thirty-five.

12)8720

13)R1

14)136"

16)7/6, 12/3, 9/4

17)87

18)34

19)658

20) 1/4

21)39

- 22)300

23)5 2/9

24)30

25)

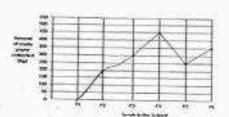
26)P6

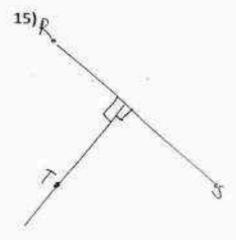
27)2

28)36

29)48

30)





Paper 2

$$1)278 - 29 = 249$$

$$800 - 527 = 273$$

There were 273 comic books in the third box.

$$2)a)4 \times 15 = 60$$

$$60 \times 4 = 240$$

The total area of the four walls is 240m2

$$b)240 \times 2 = 480$$

He needs 480 litres of paint to paint 4 walls.

3)a)10-4=6

$$16 - 8 = 8$$

$$8 + 8 = 16$$

$$4 + 6 = 10$$

$$10 + 10 = 20$$

$$20 + 32 = 52$$

The perimeter of the figure is 52cm

b)6 x 16 = 96

$$4 \times 8 = 32$$

The area of the figure is 128cm2

$$4)48 \div 6 = 8$$

$$8 \times 2 = 16$$

$$48 - 16 = 32$$

She have left 32 oranges left.

5)Andy have 28 erasers.

The cost of each T-shit is \$10

b)
$$6 \times 10 = 60$$

The cost of the pair of pants is \$60

The total money spent is \$713

The mass of the container is 178g.

9)a)30
$$\div$$
 2 = 15

$$15 - 6 = 9$$

Jane is 9 years old now.

$$b)9 - 3 = 6$$

Her brother is 6 years old.

$$90 - 75 = 15$$

$$10 - 5 = 5$$

$$9-3=6$$
 (\$10-notes)

Weiming use 6 \$10-notes.



Temasek Primary School Semestral Assessment 1 Primary Four 2016

MATHEMATICS BOOKLET A

Name)
Class	: Primary 4	15
Date	: 12 th May 2016	
Parent's	Signature:	
Total Tin	ne for Booklets A & B: 2h	

Instructions to Candidates:

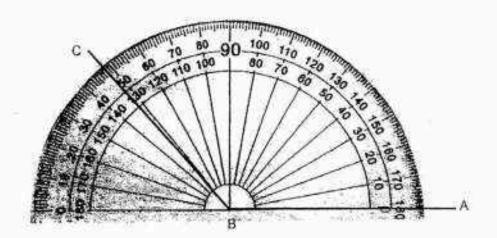
- Write your name, class and register number in the spaces provided clearly.
- 2. Do not turn over this page until you are told to do so.
- Follow all instructions carefully.
- 4. Answer all questions.
- Shade your answers in the Optical Answer Sheet (OAS) provided.
- 6. You are NOT allowed to use a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

Questions 1 to 10 carry 1 mark each. Questions 11 to 20 carry 2 marks each. For each question, 4 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. You are not allowed to use a calculator.

(30 marks)

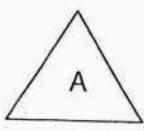
31 .	In	the number 67 543, the digit is in the ten thousands place.
	(1)	7
	(2)	6
	(3)	
	(4)	4
2.	in v	which of the following are the numbers arranged from the greatest to
	the	smallest?
	(1)	2065, 2650, 2560, 2056
	(2)	2650, 2560, 2065, 2056
	(3)	2650, 2065, 2605, 2056
	(4)	2056, 2065, 2560, 2650
ķ,	The	product of 346 and 12 is
	(1)	4242
	(2)	4152
	(3)	4092
	(4)	4033

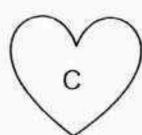
- Find the quotient when 6345 is divided by 5.
 - (1) 1271
 - (2) 1269
 - (3) 1469
 - (4) 1309
- Find the value of ∠ABC shown in the picture below.

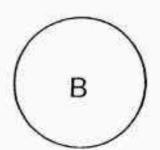


- (1) 48°
- (2) 52*
- (3) 132°
- (4) 148°

Which one of the following figures is not symmetrical?



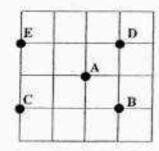






- (1) A
- (2) B
- (3) C
- (4) D
- Which one of the following numbers when rounded to the nearest hundred becomes 48 700?
 - (1) 48 575
 - (2) 48 649
 - (3) 48 678
 - (4) 48 756

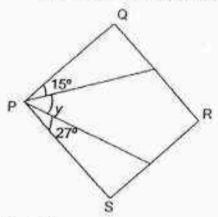
- 8. 7 × = 9030
 - (1) 1290
 - (2) 9023
 - (3) 9037
 - (4) 63 210
- 9. Which point, B, C, D or E, is north-east of point A?





- (1) B
- (2) C
- (3) D
- (4) E
- 10. Which one of the following numbers has 4 as a factor?
 - (1) 10
 - (2) 30
 - (3) 42
 - (4) 64

- 11. What is the sum of the eighth multiple of 7 and the sixth multiple of 8?
 - (1) 29
 - (2) 56
 - (3) 48
 - (4) 104
- Mrs Quek bought some erasers for her pupils. The number of erasers was more than 20 but fewer than 65. The erasers could be shared equally by 2, 3 or 5 pupils. What was the largest number of erasers Mrs Quek bought?
 - (1) 60
 - (2) 45
 - (3) 40
 - (4) 30
- In the figure below, not drawn to scale, PQRS is a rectangle. Find ∠y.



- (1) 42°
- (2) 48°
- (3) 63°
- (4) 75°

 The table below shows the number of storybooks borrowed by the P4 pupils from their school library last week.

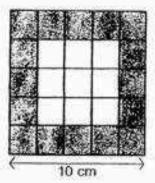
Number of storybooks borrowed by each pupil	0	1	2	3
Number of pupils	60	35	45	100

What was the total number of storybooks borrowed by the pupils last week?

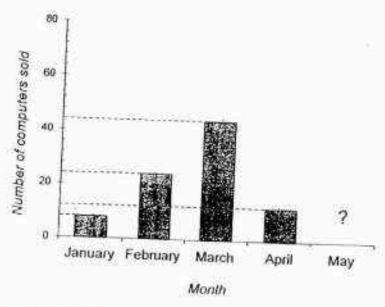
- (1) 180
- (2) 240
- (3) 425
- (4) 485
- The square below is made up of smaller squares of equal sizes.
 Find the area of the shaded part.



- (2) 64 cm²
- (3) 36 cm²
- (4) 16 cm²



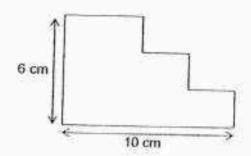
The graph below shows the number of computers Mr Lee sold from January to May. Study the graph carefully and answer questions 16 and 17.



- Mr Lee sold _____ computers sold from January to April.
 - (1) 88
 - (2) 76
 - (3) 74
 - (4) 67
- 17. The cost of each computer is \$349. If he sold a total of 96 computers from January to May, how much did Mr Lee receive from selling the computers in May?
 - (1) \$33 504
 - (2) \$30 712
 - (3) \$2792
 - (4) \$2747

- 18. There is 38 t of oil in Barrel A and 148 t of oil in Barrel B. How much oil must be poured out from Barrel B to Barrel A such that there is an equal amount of oil in both barrels?
 - (1) 55 t
 - (2) 93 t
 - (3) 110 t
 - (4) 186 t
- 19. The total cost of a handphone, watch and a calculator is \$1656. The handphone costs thrice as much as the watch. The watch costs twice as much as the calculator. Find the total cost of the watch and calculator.
 - (1) \$184
 - (2) \$368
 - (3) \$552
 - (4) \$828

Find the perimeter of the figure below.



- (1) 60 cm
- (2) 56 cm
- (3) 32 cm
- (4) 26 cm

---- End of Booklet A ----



Temasek Primary School Semestral Assessment 1 Primary Four

2016

MATHEMATICS BOOKLET B

Name	16 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	()
Class	: Primary 4		
Date	: 12 th May 2016		
Parent's	Signature:		
Total Tir	ne for Booklets A & B: 2h		

Instructions to Candidates:

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

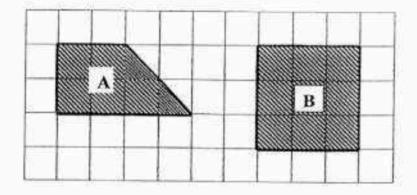
Paper	Marks	Scores
Section A	30	
Section B	40	
Section C	30	
Total -	100	

		(40 marks
- Carror		
21.	Write 59 640 in words	
	Answer:	
2.	38 459 = 30 000 + + 400 + 50 + 9	
	What is the missing number?	
	Ans;	
ks s	Find the common factors of 6 and 27. The answers are	

What is the remainde	when	6430	is	divided	by	63
--	------	------	----	---------	----	----

Ans:		
		 ж.

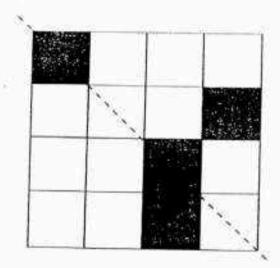
25. Study the figures drawn on the square grid below.



Complete the table below by ticking (v) the correct column to show the properties each figure has.

Property	Figure A	Figure B
Its opposite sides are of equal length.		
It has exactly one pair of parallel lines.		-

26 Complete the drawing below by shading 2 more squares so that the dotted line is a line of symmetry.



27	What is the missing number in the number	pattern below
----	--	---------------

46 855 , 47 355 , 48 355 , 49 855 , _____ . 54 355

Ans: _____

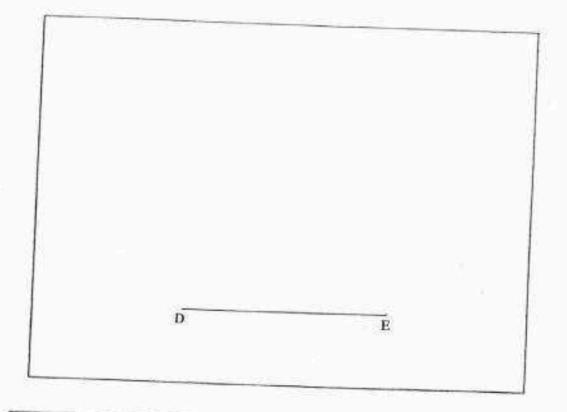
	- 0		_	_			_	_	_	_	
	l	4	¥	7	36	8	· ·	5	4	9	
											Ans:
29.						9-1					mps. Arun has 13 more stamps
											of stamps as Arun and Isaac
	have.	How	man	y sta	mps	s doe	s is	aac l	hav(2?	

											Ans:
	XXvida			62N v		MICE V				776	DURAN NO SO
ю.											packet, there were 47 sweets.
ю.	If all th	ne swe	ets	were	rep	acke					DURAN NO SO
00.		ne swe	ets	were	rep	acke					packet, there were 47 sweets.
00.	If all th	ne swe	ets	were	rep	acke					packet, there were 47 sweets.
80.	If all th	ne swe	ets	were	rep	acke					packet, there were 47 sweets.
80.	If all th	ne swe	ets	were	rep	acke					packet, there were 47 sweets.
ю.	If all th	ne swe	ets	were	rep	acke					packet, there were 47 sweets.

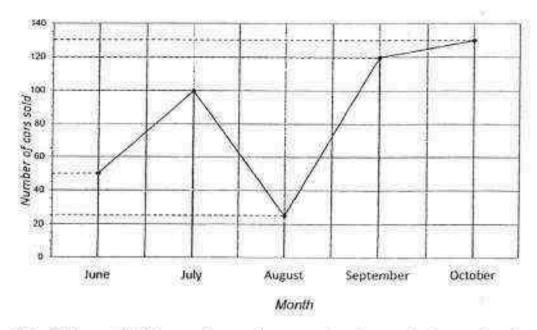
31.	If O x O = 49
	and 🛣 x 🛣 = 64.
	Find the value of $\bigcirc \times \overleftrightarrow{b}$.

Ans:		
A CONTRACTOR OF THE PARTY OF TH		

 Using your ruler and set-square, draw a square of side 6 cm in the box provided below. Label the square DEFG.



The line graph below shows the number of cars sold by Mr Lim from June to October. Study it carefully and answer questions 33 and 34.

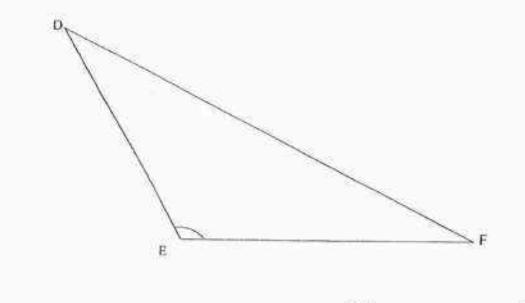


33. Between which two months was there a greatest increase in the number of cars sold?

		Ans:	and	
34.	Mr Lim sold twice a	s many cars in June as		
	299	sar		
		[4]		
	51			
			Ans:	

-6-

Using a protractor, measure ∠ DEF.



Ans: ______

Each letter in the following sum represents a whole number.
 Find the numbers that are represented by these letters.

4	В	Α
+ A	A	3
7	0	5

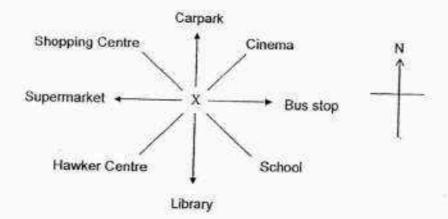
Ans:	A =		
------	-----	--	--

8 = _____

37.	The minute hand of the clock has moved	right angles from
	5 p.m. to 7 p.m.	

Ans:

38. Charles was standing at Point X. After making a $\frac{3}{4}$ - turn in an anti-clockwise direction, he was facing the shopping centre. Where was he facing at first?



Ans: _____

39. 18 trees were planted equally apart along one side of a straight road. The distance between the first and fifth tree was 60 m.
What was the distance between the first and last tree?

Ance	-224
Ans:	m

Numbers are arranged in 4 columns as shown below.
 In which column, A, B, C or D will the number 150 be?

Α	8	C	D
1	2	3	4
8	7	6	5
9	10	11	12
16	15	14	13
2.2	4.0	***	

Ans:	
7,700	

	Halica a conference describe acceptance	and a contract to the best below 14 week
	Using a protractor, draw an angle me	asuning our in the box below. [1 mail
	Label the angle XYZ. [1 mark]	
1		
1		
	•	
1		
		1
1		
1		
1	Y	Z
1		

- 10 -

=H-	
(b)	[2 marks
Ans: (a)	[1 mark]
(b) What was the total number of men and women?	
(a) How many men were there?	

There were 16 860 women at a concert.

42.

****	at is the va	due of the tw	ro-dollar no	nes mai sack	nas in nis pig	igy bank r
				920000		300 V 07
				Ans:		[3 marks
975	TE.					
			-12-			

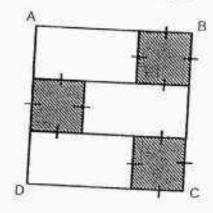
Jack has a total of 42 two-dollar and five-dollar notes in his piggy bank.

The total value of all the notes is \$126.

43.

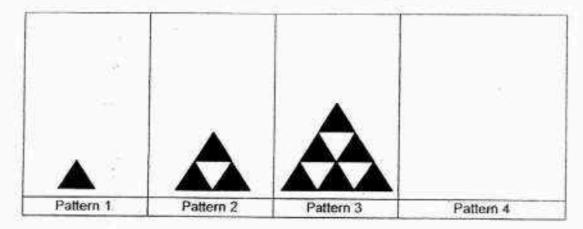
	-14-			
1301		Ans:		[4 marks]
			ä	
DVD player?				
28. A. A. S.				

- 46. Zachary had a square cardboard ABCD as shown below.
 He drew 3 identical smaller squares on the cardboard and shaded them.
 The area of each shaded square is 36 cm²
 - a) Find the perimeter of 1 shaded square.
 - b) Find the area of the square cardboard ABCD.



Ans: (a)	[2 marks]
(b)	[2 markś]

The figures below are made up of shaded and unshaded triangles.
 Study the pattern below carefully.



- (a) Draw Pattern 4 in the space provided above. [1 mark]
- (b) How many unshaded triangles are needed to form Pattern 9?
- (c) What is the total number of shaded and unshaded triangles needed to form Pattern 15?

(b) Ans: (a)	[2 marks]
(c)	
(b)	[2 marks]

3,	Kat and Alisha had \$4880 altogether at first. After Kat spent \$1301 and Alisha
	spent \$2875, Kat had 3 times as much money as Alisha had left. How much
	money did Alisha have at first?
	[Draw a model to help you solve this problem.
	One mark will be awarded for the correct model drawn and labelled.]
	The state of the s
_	Ans: [5 marks]
	End of Booklet B
	-17-

YEAR : 2016

LEVEL : PRIMARY 4

SCHOOL : TEMASEK PRIMARY

SUBJECT : MATHEMATICS

TERM : SA1

18E

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	2	2	3	4	3	1	3	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	2	3	2	1	3	1	3	3

Booklet B

Q21 Fifty nine thousand six hundred and forty.

Q22 8 000

Q23 1 and 3

Q24 4

Q25

Property	Figure A	Figure B
Its opposite sides are of equal length.	15.773	~
It has exactly one pair of parallel lines.	~	

Q26



Q27 51 855

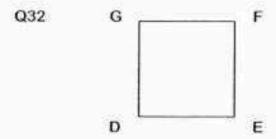
Q29 6 units
$$\rightarrow$$
 471 - 13 - 13 - 13 = 432
1 unit \rightarrow 432 ÷ 6 \Rightarrow 72 stamps

Q30
$$16 \times 47 = 752$$

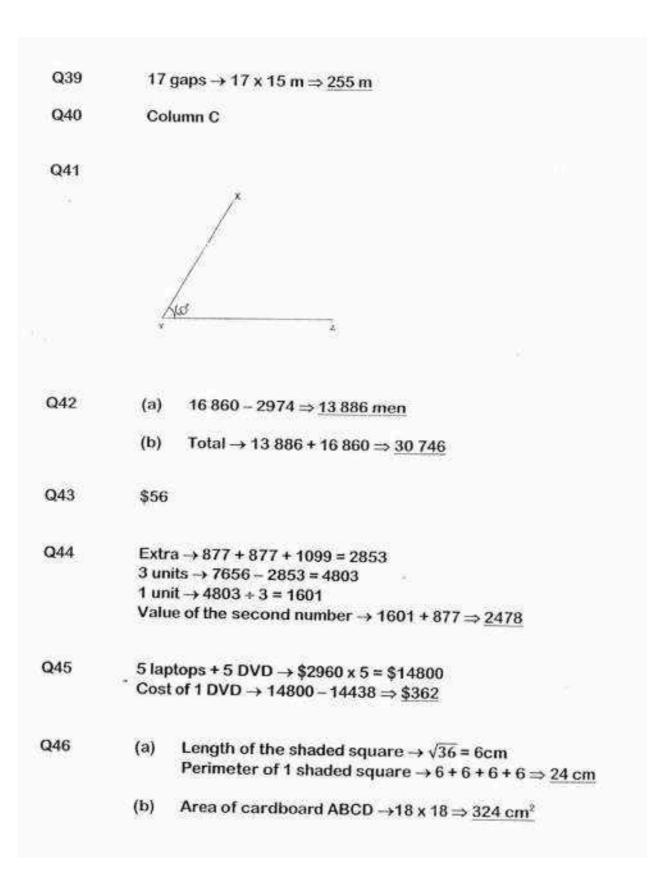
 $752 \div 7 = 107r3 \approx 108 \text{ bags}$

Q31
$$\bigcirc = \sqrt{49} \rightarrow 7$$

 $\swarrow = \sqrt{64} \rightarrow 8$
 $7 \times 8 \Rightarrow 56$



- Q33 August and September
- Q34 August
- Q35 120°
- Q36 A⇒<u>2</u> B⇒<u>8</u>
- Q37 8 right angles
- Q38 Hawker Centre



Q47 (a)



Pattern 4

(b)	Pattern	Unshaded △
	1	0+1+
	2	1+2-
	3	3+3+
	4	6+4+
	5	10 + 5 +
	6	15+6*
	7	21 + 7 +
	8	28 + 8 +
	9	36

Ans ⇒ 36 unshaded triangles

(c)	Pattern	Total △	Pattern Observed
	1	1	1 x 1
	2	4	2 x 2
	3	9	3 x 3
	4	16	4 x 4
	15	225	15 x 15

Ans ⇒ 225 triangles

Q48 Extra -> \$1301 + \$2875 = \$4176

4 units → \$4880 - \$4176 = \$704

1 unit → \$704 ÷ 4 = \$176

Amount Alisha had at first → \$176 + \$2875 ⇒ \$3051

End



AI TONG SCHOOL

2016 END-OF-YEAR EXAMINATION PRIMARY 4

MATHEMATICS

		DESCRIPTION OF STREET OF STREET		F(1)
DURATION	8	1 h 45 min		
DATE	*	25 October 2016		
INSTRUCTIONS Do not open the	book	let until you are told to	do so.	
Follow all instru Answer all ques	ictions	60)		50
, i				22
Name :		()	
Class : Prima	ary 4		Marks:	
	2011/4		Section A	28
Parent's Signatur	е		Section B	40
Date	200		Section C	7

Total

S	0	c	*	0	n	A
	56.	•		1		m

Questions 1 to 14 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 with a 2B pencil.

(28 marks)

1	The	value of the digit 3 in 93'4	12 is	
	(1)	30		
	(2)	300		
	(3)	3000		
	(4)	30 000		
				N es
2	33 tl	ousands and 8 tens is the	same as	
	(1)	338		
	(2)	3380		
	(3)	33 008		
	(4)	33 080	4	
3	Whic 7150	h of the following numbers 0?	when rounded to the nearest to	en become
	(1)	71 444		
	(2)	71 //06		

71 514

71 550

(3)

(4)

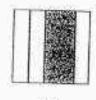
4 Which of the following has $\frac{1}{4}$ of the figure shaded?



(1)



(2)



(3)



(4)

- Which of the following is **not** an equivalent fraction of $\frac{1}{3}$?
 - (1) $\frac{2}{6}$
 - (2) $\frac{3}{9}$
 - (3) $\frac{4}{11}$
 - (4) 5 15
- 6 In the number 34.21, the digit ______ is in the hundredths place.
 - (1) 1
 - (2) 2
 - (3) 3
 - (4) 4

7 8 hundredths is _____ thousandths more than 3 hundredths.

- (1) 0.05
- (2) 5
- (3) 50
- (4) 500

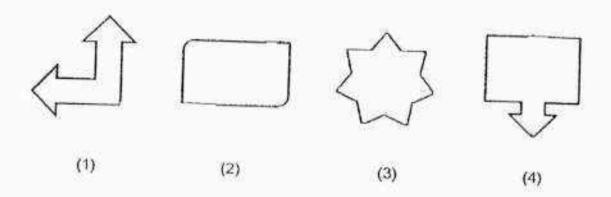
$$9 + \frac{2}{25} + \frac{3}{100} = \underline{\hspace{1cm}}$$

- (1) 9.11
- (2) 9.23
- (3) 9.50
- (4) 9.83

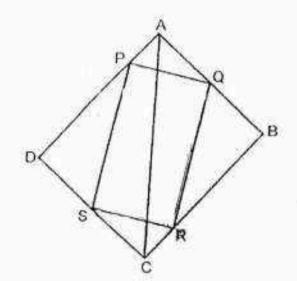
9 A movie ended at 02 45. The duration of the movie was 2 h 15 min.
What time did the movie start?

- (1) 12.30 p.m.
- (2) 12.30 a.m.
- (3) 5.00 p.m.
- (4) 5.00 a.m.

10 Which of the following figures does not have a line of symmetry?



11 In the figure below, Line _____ is parallel to Line PS and perpendicular to Line SR.

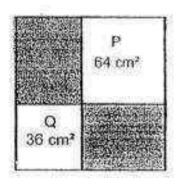


- (1) PQ
- (2) CD
- (3) AC
- (4) QR

- Mdm Ang needs to pack 1409 fun packs into some boxes. Each box can only contain 9 fun packs at most. How many boxes will she need to pack all the fun packs?
 - (1) 151
 - (2) 155
 - (3) 156
 - (4) 157
- 13 The bookshop has a special offer for pens. Mrs Lim wants to buy 5 pens. What is the least amount she has to pay?
 - (1) \$4.00
 - (2) \$6.50
 - (3) \$6.25
 - (4) \$7.50



- 14 In the figure below, P and Q are squares. The area of square P is 64 cm² and the area of square Q is 36 cm². Find the area of the shaded part?
 - (1) 96 cm²
 - (2) 100 cm²
 - (3) 144 cm²
 - (4) 288 cm²



Se	ction	n B

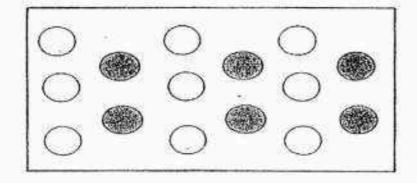
Questions 15 to 34 carry 2 marks each, Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks) Write twelve thousand and fifty-two in figures. 15 Ans: Write the missing number in the number pattern below. 16 12 000 , 11 200 , 10 400 , 9 600 , _ Which two of the fractions below are smaller than $\frac{1}{2}$? 17 Ans: and Round 16.55 to the nearest whole number. 18

8

19 Find the value of $1 - \frac{1}{6} - \frac{1}{2}$?

Ans:		

20 What fraction of the ovals shown is shaded?



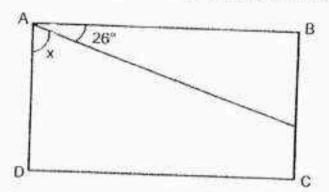
Ans:		_				
------	--	---	--	--	--	--



22 Find the value of 5.83 x 7.

Ans:				
ruis.	-	_		-6

23 In the figure below, ABCD is a rectangle. Find the value of ∠x.



Ans:	

24 The table below shows the flight schedule between Singapore and Thailand. How long does it take to travel between Singapore and Thailand? Give your answer in minutes.

Singapore	Thailand
(Depart)	(Arrive)
14 10	16 35

	11 844
	n
_	

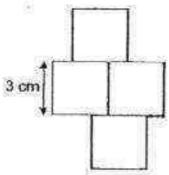
There was 6 kg of flour in a container. Mdm Loh used 0.65 kg of flour to make mulfins and used another $\frac{3}{10}$ kg of flour to bake a cake. How much flour was left in the container? Give your answer in decimals.

Acres		-77.000
Ans:		kg
	 	.,3

26 A box can contain either 24 staplers or 32 sharpeners. Mr Low placed 6 staplers and 14 sharpeners in the box. How many more sharpeners can be put in to fill up the box?

Anne				
Ans:	 -	-	-	

27 The figure is made up of 4 similar squares. Each side of the square is 3 cm. Find the perimeter of the figure.



Ans:	-
Third.	cm

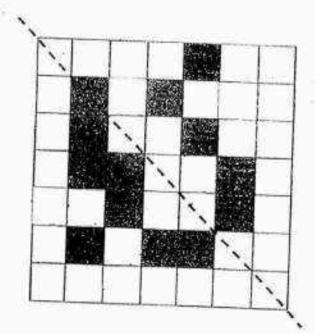
28 Complete the square EFGH of side 6 cm by drawing the sides EH and GH. Label it EFGH. The sides EF and FG have been drawn for you.

E

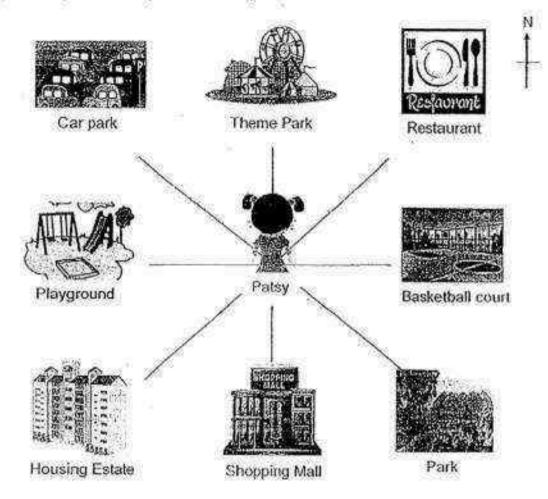
F

G

29 In the figure below, the dotted line is the line of symmetry. Complete the symmetric figure by shading 4 squares.



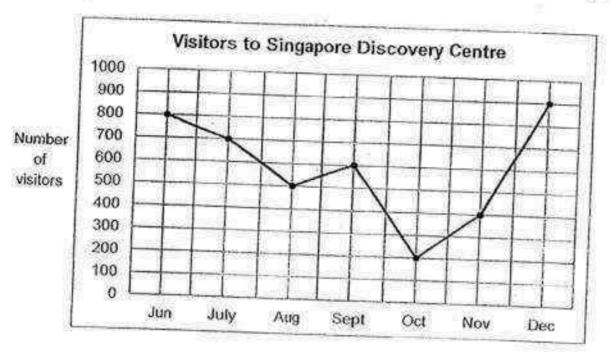
Study the diagram carefully and answer questions 30 and 31.



30 Patsy was facing the Housing Estate after turning 225° anti-clockwise. Where was she facing at first?

		Ans:
31	The Playground is	of the Theme Park.
50		Ans:

The line graph shows the number of visitors to the Singapore Discovery Centre from June to December. Study the line graph carefully and answer questions 32, 33 and 34.



32 Which month has twice the number of visitors as November?

		Ans	
33	Between which two months visitors?	s is there the greatest increase	in the number of
*			
		Ans:	and

34 What is the difference in the number of visitors between the month with the highest number of visitors and the month with the lowest number of visitors?

Ans:	
Tura.	4.4

The second second second second second	
Section	0
Section	-

Questions 35 to 38 carry 3 marks each. Questions 39 to 43 carry 4 marks each. Show your working clearly in the space provided below each question and write your answers and units in the spaces provided. (32 marks)

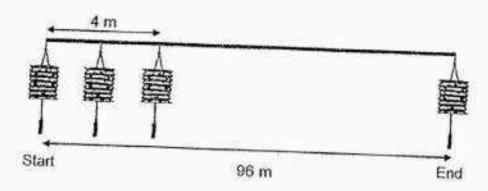
35 A piano and 3 guitars cost \$4045. The guitar costs \$1907 less than the piano. How much does the piano cost?

Ans:____[3]

36 Miss Peh bought a pair of sports shoes and a tennis racket. She spent ²/₅ of her money on the sports shoes. She spent \$169 on the tennis racket and had \$8 left. How much money did Miss Peh have at first?

Ans: _____[3]

37 Lanterns were hung along the corridor at an equal distance apart during the Mid-Autumn Festival. How many lanterns were used to decorate the corridor that was 96 m long?



2.77	
Ans:	W. 660 W.
C. H. Carre	 [3]

- 38 Ahmad is between 20 to 50 years old now.
 - 2 years ago, his age was a multiple of 7.
 - 7 years later, his age will be a multiple of 10.

How old is Ahmad now?

Ans:	[3]	
	0	ł

39	At first, a pail that was $\frac{3}{8}$ filled with sand had a mass of 3.6 kg. When the pail		
	was completely filled with sand, the mass was 6.8 kg. What was the mass of the		
	sand in the pail at first?		

	0.000
Ans: _	4

40 Devi and Chai Fen had the same number of stamps at first. After Devi's mother gave her another 142 stamps and Chai Fen gave away 28 stamps, Devi had 6 times as many stamps as Chai Fen. How many stamps did each of them have at first?

Ans: ____[4]

8

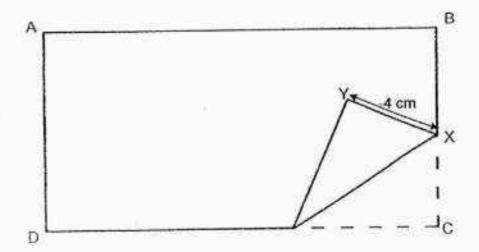
41 The table below shows the favourite sports of the Primary 4 students in a school.

Sports	Number of Boys	Number of Girls
Soccer	65	20
Volleyball	3	?
Swimming	30	40
Basketball	2	15
Total	220	118

- (a) How many girls like to play Volleyball?
- (b) The number of boys who like Baskethall is 4 times the number of boys who like Volleyball, How many students like Volleyball?

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

42 A rectangular sheet of cardboard ABCD has a perimeter of 56 cm. It is folded at a corner as shown below. BX = XC and XY = 4 cm. What is the length of AB?



Ans: [4]

43	Josh's weekly pocket money was \$55. He saved and spent the rest on food and transportation. The twice the amount he spent on transportation. Whe did he spend on food? Give your answer in the	
	Ow your answer in the	- 87%
		0,85

Ans:			W275.00
	-	-	[4]

End-of-paper Check your work carefully

EXAM PAPER 2016 (P4)

SCHOOL: AI TONG

SUBJECT : MATHEMATICS

TERM: SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	2	2	3	1	3	1	2	2
Q11	Q12	Q13	Q14		1000			-	70
4	4	2	1	8					

15)12052

16)8800

17)4/9 and 5/11

18)17

19)1/3

20)6/15

21)6.72

22)40.81

23)64°

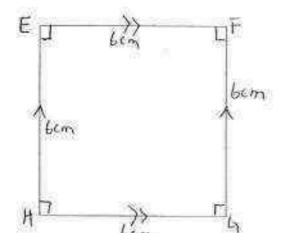
24)145min

25)5.05kg

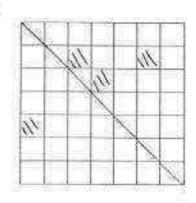
26)10

27)30cm

28)



29)



- 30)Basketball court
- 31)South west
- 32)June
- 33)November and December
- 34)700

$$177 \div 3 = 59$$

$$37)4 \div 2 = 2$$

$$96 \div 2 = 48$$

$$23 + 7 = 30$$

Ans: 23 years old

$$3.2 \div 5 = 0.64$$

$$0.64 \times 3 = 1.92 \text{kg}$$

$$34 + 28 = 62$$

$$25 + 43 = 68$$

$$8 \times 2 = 16$$

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2016) PRIMARY 4 MATHEMATICS

Booklet A

Tue	esday 1 I	Nove	mb	er 2016		1 h 45 min
Nan	me:()	Class: 4.()	
INS	STRUCTIONS TO PUPILS					
1	Do not turn over the pages ur	ntil yo	u a	re told to do so.	S	
2	Follow all instructions careful	ly.				
3	There are 20 questions in this	s boo	klet			
4	Answer ALL questions.					
200	ar .	ntina	I An	ewer Sheet (O	AS) prov	ided

This question paper consists of 9 printed pages(inclusive of cover page).

S	0	ct	io	n	A

Questions 1 to 20 carry 2 marks each.

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

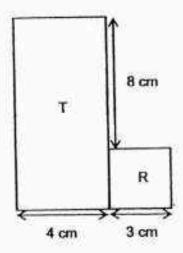
Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the

Optical Answer Sheet (OAS).

(40 marks)

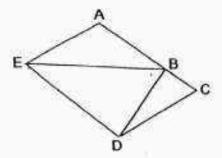
- 66 thousands and 9 tens is the same as ______.
 - 1) 669
 - 2) 6690
 - 3) 66009
 - 4) 66090
- 2. 90 000 + 4000 + 300 + 2 = _____
 - 1) 94320
 - 2) 94302
 - 3) 94032
 - 4) 90432
- The digit 9 in 6.397 stands for 9 ______
 - 1) ones
 - 2) tens
 - 3) tenths
 - hundredths

4. The figure shown is made up of a square R of side 3 cm and a rectangle T with breadth 4 cm. What is the length of the rectangle?



- 1) 7 cm
- 2) 8 cm
- 3) 11 cm
- 4) 12 cm
- How many one-fifths are there in 2 wholes?
 - 1) $1\frac{1}{5}$
 - 2) $\frac{2}{5}$
 - 3) 5
 - 4) 10

- 6. Find the value of $\frac{7}{10} \frac{1}{2}$.
 - 1) $\frac{1}{5}$
 - 2) $\frac{2}{5}$
 - 3) $\frac{3}{5}$
 - 4) 4/5
- In the figure, which line is perpendicular to AB?



- 1) AE
- 2) BD
- 3) CD
- 4) DE
- 8. Which of the following decimals is the smallest?
 - 1) 0.460
 - 2) 0.560
 - 3) 0.457
 - 4) 0.545

9. Which of the dotted lines is not a line of symmetry?









- Which of the following is both a factor of 28 and a multiple of 4?
 - 1) 7
 - 2) 16
 - 3) 28
 - 4) 56

- 11. Bob had 3 t of orange juice in a jug. He poured the orange juice equally into 5 glasses to share with his friends. How much orange juice did each glass hold?
 - 1) 0.5 t
 - 2) 0.6 (
 - 3) 51
 - 4) 151
- 12. Which one of the following fractions is less than $1\frac{1}{2}$?
 - 1) $\frac{3}{2}$
 - 2) $\frac{4}{3}$
 - 3) 7/4
 - 4) 8/5
- 13. Express $9\frac{2}{7}$ as an improper fraction.
 - 1) $\frac{18}{7}$
 - 2) $\frac{63}{7}$
 - 3) $\frac{65}{7}$
 - 4) $\frac{92}{7}$

14.		umber when rounded off to the nearest ten has a value of 400. at could be the number?
	1)	390
	2)	395
	3)	405
	4)	409
15.	A cc	oach left Singapore for Penang at 21 45. It reached Penang at 00 the next day. How long was the journey?
	1)	6 h 15 min
	2)	6 h 45 min
	3)	7 h 15 min
	4)	7 h 45 min
16.	dig	ave a 3-digit even number. The digit in the ones place is twice the it in the tens place. The number can be divided exactly by 4. What he number?
	1)	721
	2)	726
	3)	748
	1	763

The following table shows the number of curry puffs and chicken pies sold by a bakery from Monday to Wednesday. Study the table and answer Questions 17 and 18.

Day	Number of curry puffs	Number of chicken pies
Monday	290	320
Tuesday	340	255
Wednesday	250	420

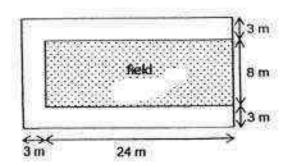
- 17. What was the total number of curry puffs and chicken pies sold on Wednesday?
 - 1) 610
 - 2) 670
 - 3) 880
 - 4) 995
- 18. Each chicken pie was sold at \$3. How much more money did the bakery collect from the sale of chicken pies on Monday than on Tuesday?
 - 1) \$150
 - 2) \$195
 - 3) \$665
 - 4) \$960

19. Which of the following have the same areas?

A	A square of side 12 cm.
В	A square of side 20 cm.
С	A rectangle measuring 20 cm by 9 cm.
D	A rectangle measuring 50 cm by 8 cm.

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

20. A rectangular field of length 24 m and breadth 8 m has a path 3 m wide as shown below. What is the area of the path?



- 1) 186 m²
- 2) 192 m²
- 3) 297 m²
- 4) 378 m²

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT 2 (2016) PRIMARY 4 MATHEMATICS

Booklet B

Tu	sday 1 November 2016			1 h 45 min		
Na	ime:	()	Class: 4.(1	
IN	STRUCTIONS TO F	UPILS				
1	Do not turn over th	ie pages until	you	are told to do	so,	
2	Follow all instruction	ons carefully.				
3	There are 25 ques	tions in this b	ookle	et		
4	Answer ALL quest	tions.				

Section	Possible Marks	Marks Obtained
A	40	
В	40	
C	20	
Total	100	

This question paper consists of 12 printed pages (inclusive of cover page).

answ	stions 21 to 40 carry 2 marks each. Show your working clearly and write pers in the boxes provided. For questions which require units, give pers in the units stated. (40 ma)
21.	Write the missing number in the number pattern below.
	13 000, 12 200, 11400, 10 600,, 9000
24	
2.	Two factors of 6 are 1 and 6. What are the other two factors of 6?
2.	Two factors of 6 are 1 and 6. What are the other two factors of 6?
4-	Two factors of 6 are 1 and 6. What are the other two factors of 6? and
2.	and
	and
22.	and Arrange the following numbers from the smallest to the greatest.

24.	What is the value of	$\frac{5}{6}$	$+\frac{2}{3}$?

Express your answer as a mixed number.

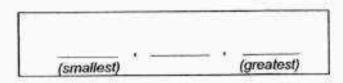


Express 0.6 as a fraction.

7	- 1

Arrange the following fractions from the smallest to the greatest.

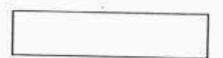
$$\frac{7}{12}$$
 , $\frac{1}{2}$, $\frac{11}{12}$



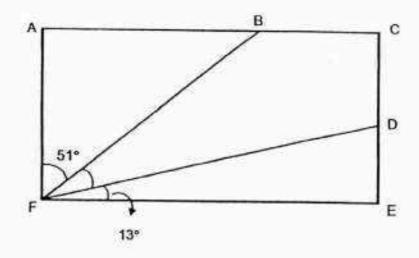
27. Express $\frac{86}{100}$ as a decimal



28. Find the value of 7.92×8 .



ACEF
29. In the figure shown, ★BCD is a rectangle. Find ∠ BFD.





B4

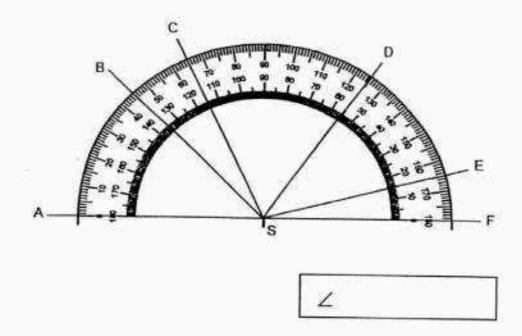
Need a home tutor? Visit us at www.championtutor.com

ù.	Express 2 h 35 min in minutes.
	min
31.	Fatimah is facing north-east. She makes a $\frac{3}{4}$ -turn in an anti-clockwise direction. In which direction will she be facing now?
32.	Selene bought a book for \$66. She gave the cashier twice as many \$10 notes as \$2 notes. How many \$2 notes did she give the cashier?
	B5
	5

33. Matt had 24 m of wire. He used $\frac{5}{12}$ of them to make a toy. What was the length of the wire left?

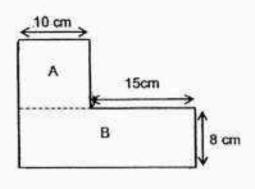
m

34. Name the angle that is equal to 135°.



B6

35. The figure is made up of a square A and a rectangle B. What is the perimeter of the figure?



cm

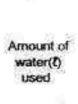
36. The table below shows the number of coins Kim and Fauzi have. How much money do Kim and Fauzi have altogether?

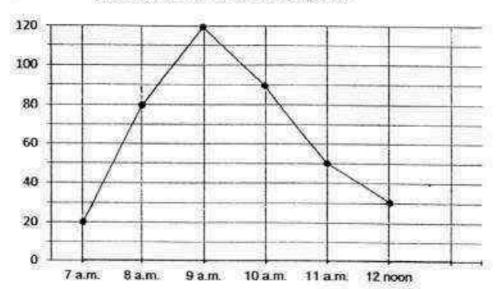
	Kim	Fauzi
Number of 20-cent coins	4	9
Number of 50-cent coins	6	3

•			
P			- 1

The line graph below shows the amount of water used by Mr Milli and his family from 7 a.m. to 12 noon. Study the graph carefully and answer Questions 37 and 38.

Amount of water Mr Milli and his family used





37. What was the difference between the greatest and the least amount of water used?

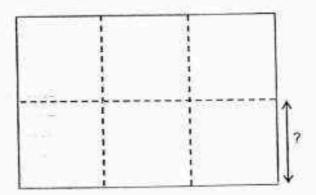
litres

38. During which 1-hour interval was the decrease in the amount of water used the greatest?

From	to
LIOIII	10

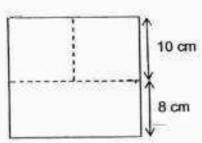
B8

39. The figure is made up of 6 similar squares. The area of the figure is 486 cm². Find the length of one side of the square.





40. The figure below is made up of a rectangle and two similar squares. Find the area of the whole figure





		_
	CONSTRUCTION	- 4
B9	Sub-Total:	
00		

Section C

Questions 41 to 45 carry 4 marks each. For each question, show your working clearly as marks will be given for working and relevant statement. (20 marks)

- 41. The total mass of a basket and a watermeion is 7.45 kg. When some oranges are added to the basket, the total mass becomes 9.6 kg. The mass of the watermeion is three times the mass of all the oranges.
 - (a) What is the mass of the watermelon?
 - (b) Find the mass of the basket.

- 42. Mr Muthu had some chickens on his farm. He gave $\frac{1}{4}$ of his chickens to Mr Tan and $\frac{5}{12}$ of them to Mr Yazid. Mr Muthu gave Mr Yazid 96 more chickens than Mr Tan.
 - (a) What fraction of the chickens did Mr Muthu give away?
 - (b) How many chickens did Mr Tan receive from Mr Muthu?

- 43. Michael saved some of his pocket money for 3 days. He saved \$3.00 on the first day. For the remaining 2 days, he saved \$0.20 more than the previous day.
 - (a) How much money did he save in 3 days?
 - (b) Michael then spent all his savings on 4 identical pens. How much did each pen cost?

- 44. There were twice as many girls as boys in the hall. After 296 boys left the hall, the number of girls in the hall was 6 times the number of boys in the hall.
 - (a) How many boys remain in the hall?
 - (b) How many children were there in the hall at first?

- 45. There are 745 red and white roses in Shop A. There are 455 red and yellow roses in Shop B. The number of white roses in Shop A is three times the number of yellow roses in Shop B. The number of red roses in both shops is the same.
 - (a) How many yellow roses are there in Shop B?
 - (b) Find the total number of red roses in both shops.

B12	
End of Booklet B	

YEAR : 2016

LEVEL : PRIMARY 4

SCHOOL : ANGLO-CHINESE (JUNIOR)

SUBJECT : MATHEMATICS

TERM : SA2

Booklet A

Δ1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	4	3	4	1	2	3	2	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	2	3	2	3	3	2	2	4	1

Booklet B

Q21 9800

Q22 2 and 3

Q23 9057, 9570, 9705

Q24 $1\frac{1}{2}$

Q25 $\frac{3}{5}$

Q26 $\frac{1}{2}$, $\frac{7}{12}$, $\frac{11}{12}$

Q27 0.86

Q28 63.36

Q29 26°

Q30 155 min

Q31 South - East

Q32 3

Q33 24 + 12 = 2 $2 \times 5 = 10$ $24 - 10 \Rightarrow 14 \text{ m}$ Q34 ZFSB

Q35 86 cm

Q41 (a)
$$9.6 - 7.45 = 2.15$$

 $2.15 \times 3 \Rightarrow 6.45 \text{ kg}$

(b)
$$7.45 - 6.45 \Rightarrow 1 \text{ kg}$$

Q42 (a)
$$\frac{1}{4} = \frac{3}{12}$$
 (Tan) $\frac{5}{12} + \frac{3}{12} = \frac{8}{12} \Rightarrow \frac{2}{3}$

(b)
$$\frac{5^{2}}{12} - \frac{3}{12} = \frac{2}{12}$$

2 units = 96
1 unit = 48
48 x 3 \Rightarrow 144 chickens

Q43 (a)
$$3.00 + 0.20 = 3.20 (2^{rd})$$

 $3.20 + 0.20 = 3.40 (3^{rd})$
 $3.00 + 3.20 + 3.40 \Rightarrow 9.60

End

E7 105/L 61

Name :	()
Class : Primary 4_		

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics 2016 Semestral Assessment Two

Booklet A 25 October 2016

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

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

This booklet consists of 10 printed pages including the cover page.

Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

- 88 thousands and 5 tens is the same as _____
 - 1) 885
 - 2) 8850
 - 3) 88005
 - 4) 88050
- Which of the following numbers when rounded off to the nearest ten becomes 22 500?
 - 1) 22 444
 - 2) 22 496
 - 3) 22 506
 - 4) 22 554
- How many one-fifths are there in 3 wholes?
 - 1) $\frac{3}{5}$
 - 2) $1\frac{2}{3}$
 - 3) 5
 - 4) 15

Arrange the following fractions from the greatest to the smallest.

$$\frac{2}{3}$$
 , $\frac{5}{6}$, $\frac{7}{12}$

- (greatest) (smallest)
- 1) $\frac{7}{12}$, $\frac{5}{6}$, $\frac{2}{3}$
- 2) $\frac{5}{6}$, $\frac{2}{3}$, $\frac{7}{12}$
- 3) $\frac{2}{3}$, $\frac{7}{12}$, $\frac{5}{6}$
- 4) $\frac{2}{3}$, $\frac{5}{6}$, $\frac{7}{12}$
- Which of the following mixed numbers is represented by the letter Y in the number line shown?



- 1) 1 1 4
- 2) $1\frac{3}{4}$
- 3) $2\frac{1}{4}$
- 4) $2\frac{3}{4}$

- 6. Write $4\frac{7}{20}$ as a decimal.
 - 1) 4.72
 - 2) 4.7
 - 3) 4.35
 - 4) 4.035
- 7. Which number below is 1.4 less than 3.69?
 - 1) 2.29
 - 2) 3.55
 - 3) 3.83
 - 4) 5.09
- 8. Mrs Wee bought 60 pink balloons and 44 purple balloons. She packed 8 balloons into each bag. How many bags did she use to pack all the balloons?
 - 1) 12
 - 2) 13
 - 3) 104
 - 4) 912

- Heather's age is between 15 and 30 years old. Her age is also a multiple of 4 and a factor of 56. Find Heather's age.
 - 1) 16
 - 2) 18
 - 3) 24
 - 4) 28
- 10. In a class, 18 pupils take the school bus. The remaining 12 pupils walk to school. What fraction of the pupils in the class walk to school?
 - 1) $\frac{1}{5}$
 - 2) $\frac{2}{5}$
 - 3) $\frac{3}{5}$
 - 4) $\frac{2}{3}$
- 11. There were 192 lollipops in a packet. $\frac{2}{3}$ of the lollipops were divided equally among eight children. How many lollipops did each child receive?
 - 1) 8
 - 2) 16
 - 3) 36
 - 4) 72

12. Gabrielle had only the following five coins in her wallet.





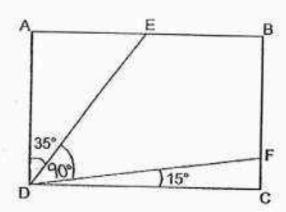






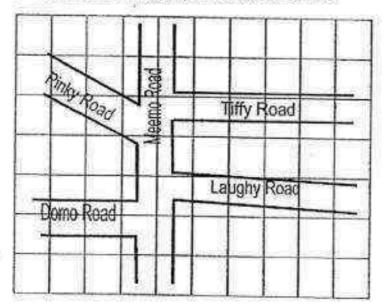
She took three coins from her wallet and dropped them into a donation tin. Which one of the following amount could be her total donation?

- 1) 30 ∉
- 2) 75 ¢
- 3) \$1.35
- 4) \$2.05
- In the figure shown, ABCD is a rectangle. Find ∠EDF.



- 1) 40°
- 2) 50°
- 3) 55°
- 4) 75*

14. Which two roads are parallel to each other?



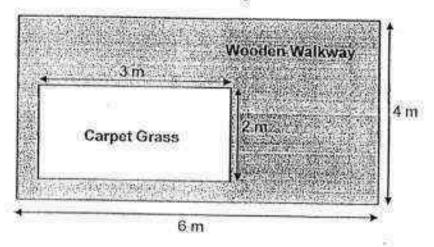
- Domo Road and Pinky Road
- 2) Domo Road and Tiffy Road
- 3) Laughy Road and Tiffy Road
- 4) Meemo Road and Laughy Road

15. How many letters in the following word have at least 1 line of symmetry?

HONEST

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

16. A patch of carpet grass measuring 3 m by 2 m is planted in a rectangular plot of land. The carpet grass is surrounded by a wooden walkway. What is the area of the wooden walkway?



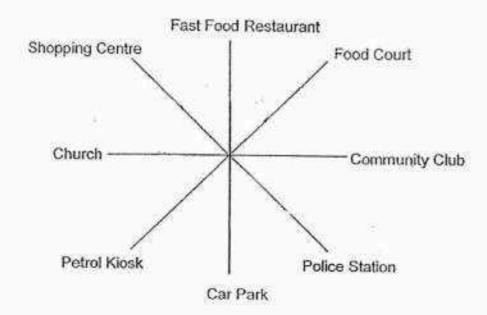
- 1) 5 m²
- 2) 6 m²
- 3) 18 m²
- 4) 24 m²
- There are 34 pupils in a class. The table below shows the number of cousins each pupil has.

Number of cousins each pupil has	0	1	2	3
Number of pupils	10	13	8	3

How many pupils in the class have more than 1 cousin?

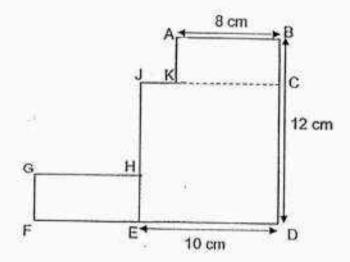
- 1) 11
- 2) 13
- 3) 21
- 4) 24

18. Shawn is facing the Police Station after making a 3/4 anti-clockwise turn.
Where was he facing at first?



- 1) Church
- 2) Food Court
- 3) Petrol Kiosk
- 4) Fast Food Restaurant
- 19. Kathy started doing her homework at 09 15. She used 2 h 45 min to complete her homework. Then she took a nap for 20 minutes before she had her lunch. At what time did she have her lunch?
 - 1) 10 20
 - 2) 11 35
 - 3) 12 00
 - 4) 12 20

 The figure below is made up of a square, CDEJ, and 2 identical rectangles, ABCK and EFGH. Find the area of the figure.



- 1) 120 cm²
- 2) 132 cm²
- 3) 136 cm²
- 4) 196 cm²

** END OF BOOKLET A**

Name:	()
Class: Primary 4	

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 4 Mathematics 2016 Semestral Assessment Two

Booklet B

25 October 2016

	Booklet A:	/ 40
	Booklet B :	1 60
	Total:	/ 100
Parent's/Grardian's Signature	Na production of the control of the	

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

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

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

Sect	ion B: (20 x 2 marks)	Do not
Write	down your answers in the spaces provided. For questions which require , give your answers in the units stated. Show all workings clearly.	write in this space.
21.	Write nineteen thousand and forty-five in figures.	
	Ans:	
22,	What number is 10 more than 9999?	
	Ans:	
23.	Some factors of 63 are 1, 3, 7, and 63. What are the other two factors of 63?	
	Ans : and	

24. What is the value of $\frac{2}{3} + \frac{11}{12}$? Express your answer as a mixed number. Do not write in this space.

Ans : _____

25. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{1}{5}$$
 , $\frac{4}{7}$, $\frac{5}{10}$, $\frac{4}{9}$

Ans : _____ and ____

Write 5 hundredths in figures.

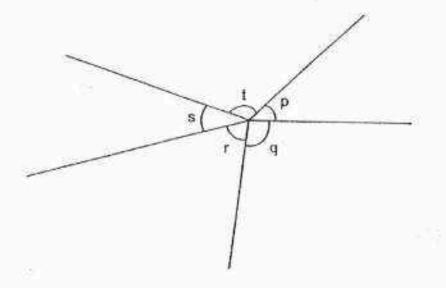
Ans:_____

27. Round 17.56 to the nearest whole number.

Do not write in this space.

Ans : _____

28. In the figure, name the two angles that are greater than 90°.



Ans: ∠____ and ∠____

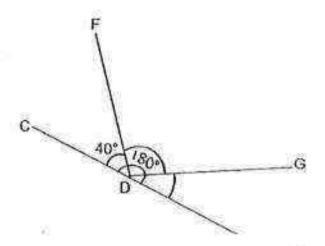
29. What is the sum of the 6th multiple of 7 and the 8th multiple of 9?

Ans :_____

0.	A chef had 105 k	g of salmon. He	used $\frac{3}{7}$ of the salmon. H	ow much salmon did l	he Dono
	have left?				in this
	137				
	39				
		Ti.	g.		
		86			
				*	
			Ans :	kg	
					- 1
•	Mrs Qia had 2.09 of ribbon, After r	9 m of ribbon to	make hair accessories, 5	She bought another 1	.5 m
1	or rippon. After r	naking the hair a	make hair accessories. S accessories she needed, use in total? Express yo	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m bbon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
1	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
*1	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon
	or rippon. After r	naking the hair a	accessories she needed.	she had 1.7 m of rif	.5 m obon

In the figure below, CE, FD and DG are straight lines. ∠FDG is three times of ∠GDE. What is the value of ∠GDE?

Do not' write in this space,



Ans:		
71110		

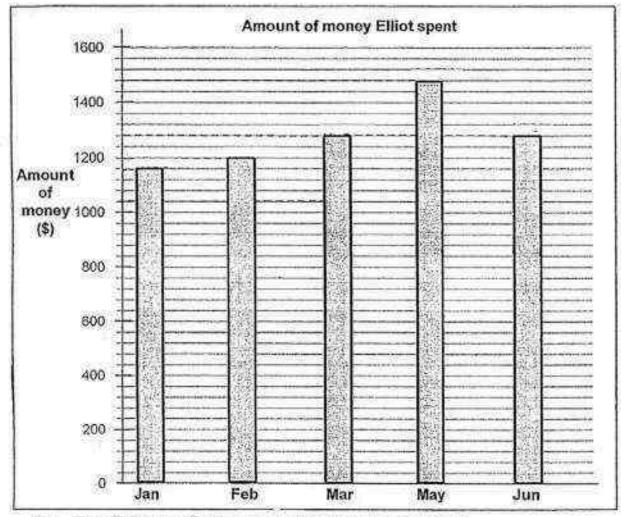
 Goldie reads the schedule shown below for the bus that leaves the bus interchange for the Singapore Zoo.

Leaves bus interchange	Arrives at Sentosa	1000
8.30 a.m.	9.15 a.m.	-
8.45 a.m.	9.30 a.m.	
9.20 a.m.	10.05 a.m.	
9.45 a.m.	10.30 a.m.	- 1
10.30 a.m.	11.15 a.m.	1

Goldie wants to catch the bus that leaves at 8.30 a.m. but she is 25 minutes late. What is the earliest time that she can arrive at the Singapore Zoo by bus?

Ans:	101001
ruis .	a.m.

34. The bar graph below shows the amount of money Elliot spent each month.



Do not write in this space,

- (a) In which month did Elliot save the most-amount of money?
- (b) How much money did he save in that month?

Ans : (a)

(b) \$_____

Use the line graph below to answer Questions 35 and 36. Do not The line graph shows the number of apples a class of pupils had eaten in a day. write in this space. 20 18 18 14 Number 12 of pupils 10 8 6 2 0 2 3 Number of apples eaten 35. How many pupils were there altogether? 36. How many apples were eaten altogether in a day?

	Avia jogs at the stadium once every 3 days. Bowie jogs at the same stadium once	Do not write
	every 5 days. If they were to first meet at the stadium on a Wednesday, when would	in this space.
	be the next day that they would meet again?	oprace.
		l.
	4 	
	g and	
	TO THE PARTY OF TH	
	Ans:	
	Alla,	
2820.0		
38,	The total mass of a basket and a durian was 10.14 kg. After a watermelon was put	
	into the basket, the total mass of the basket, durian and watermelon became 20 kg.	
	The watermelon was twice as heavy as the durian. What was the mass of the	
	durian?	1
		1

39.	The opening hours of Pawprint Pet's Café are shown below. How long is the café open in a week?	
-----	--	--

Monday	Closed
Tuesday to Friday	12 p.m. to 9 p.m.
Saturday and Sunday	11 a.m. to 10 p.m.

Do up!
write
In this
space

0	The table below shows the number of stars Mrs Cheong awarded to her public
1220	The Mark Science shows the number of stars Mrs Cheong awarded to her public

4 for getting full score in their topical tests.

Number of stars	Number of pupils
0	7
1	3
2	5
3	10
4	9
5	9

Mrs Cheong would award the pupils who had obtained at least 2 stars with a popsicle each. Each popsicle cost 80¢ each. How much would she have to pay in all?

Ans:\$	5			
	_	-54	100	

Section C: (20 marks)

Do not write in this space.

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.

(20 marks)

- Study the pattern below. Each figure is made up of identical circles.
 - (a) How many circles are used to form Figure 4?
 - (b) How many more circles are used to form Figure 7 than Figure 4?

368620	000	9999	
8	90	90	T)
Figure 1	Figure 2	Figure 3	***

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

42.	Darlene spent $\frac{1}{9}$ of her money on a wall clock and \$124 on a table lamp. She
	had \$92 left. How much did she spend on the wall clock?

Do not write in this space.

Ans:	13
C. 31 6/2: 4	1.0

Do not write in this space

43. The table shows the charges for developing film at Look Good Photoshop.

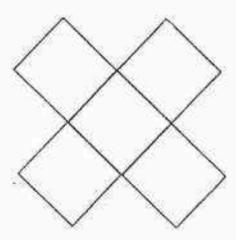
Service	Charges
Developing	\$5 per roll of film
Printing	7

Ming Ming sent a roll of film for developing and 7 photographs for printing. She paid the cashier \$50 and received a change of \$39.82. How much did the shop charge for printing each photograph?

Ans :	 _[3]	

44. Figure X is made up of identical squares. It has a total area of 320 cm². Figure Y shows the re-arrangement of the same squares used in Figure X. Find the perimeter of Figure Y.

Do not write in this space.



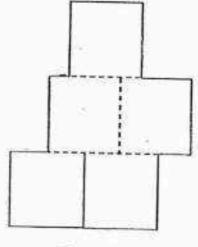


Figure X

Figure Y

Ans:____[3]

45. What is the area of the figure below?

4 cm 7 cm 12 cm

Do not write in this space.

Ans:____[4]

46.	At a stadium, there were an equal number of men ar women left the stadium. In the end, there were 6 time who remained behind. How many women were there a	es as many men as women	Do not write in this space,
		32	
	Ans:_	[4]	

END OF PAPER

EXAM PAPER 2016 (P4)

SCHOOL: CHIJ

SUBJECT : MATHEMATICS

TERM: SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	4	2	1	3	1	2	4	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	2	1	2	3	3	1	2	4	2

21)19045

22)10009

23)21 and 9

24)17/12

25)1/5 and 4/9

26)0.05

27)18

28) + and q

29)114

 $30)105 \div 7 = 15$

 $15 \times 3 = 45$

105 - 45 = 60 kg

31)2.09 + 1.5 = 3.59

3.59 - 1.7 = 1.89 m

32)180 - 40 = 140

140 ÷ 4 = 35°

33)10.05 a.m.

34)a)May

b)\$1480

35)12 + 8 = 20

20 + 19 = 39

39 + 7 = 46

 $36)12 \times 1 = 12$

 $19 \times 2 = 38$

 $7 \times 3 = 21$

12 + 38 = 50

50 + 21 = 71

37)A:3, 6, 9, 12, 15

B:5, 10, 15

15 days after Wednesday is Thursday

38)20 - 10.14 = 9.86

 $9.86 \div 2 = 4.93$ kg

39)9h x 4 = 36h

11h x 2 = 22h

36 + 22 = 58 h

40)10 + 5 = 15

15 + 9 = 24

24 + 9 = 33

80c = \$0.80

0.80 x 33 = \$26.40

$$41)a)10 + 5 = 15$$

15 circles are used to from Figure 4.

$$b)15 + 6 = 21$$

$$21 + 7 = 28$$

$$28 + 8 = 36$$

$$36 - 15 = 21$$

21 more circles are used to form Figure 7 than Figure 4.

$$9/9 - 1/9 = 8/9$$

$$216 \div 8 = 27$$

She spent \$27 on the wall clock.

$$10.18 - 5 = 5.18$$

$$5.18 \div 7 = 0.74$$

The shop charged \$0.74 for printing each photograph.

$$64 = 8 \times 8$$

$$8 \times 11 = 88$$

The perimeter of Figure Y is 88cm

$$45)7 - 4 = 3$$

$$4 \times 3 = 12$$

$$10 - 5 = 5$$

$$5 \times 4 = 20$$

$$12 - 7 = 5$$

$$16 \times 5 = 80$$

$$6 \times 7 = 42$$

$$12 + 20 = 32$$

$$32 + 80 = 112$$

The area of the figure below is 154cm2.

There were 703 women at first.



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 2 PRIMARY 4 MATHEMATICS

25 OCTOBER 2016 BOOKLET A

20 questions

40 marks

Total time for Booklets A and B: 1 h 45 min

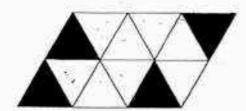
NAME :	(
CLASS : PRIMARY 4	

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

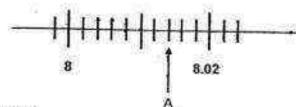
Section A (20 x 2 = 40 marks)

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.

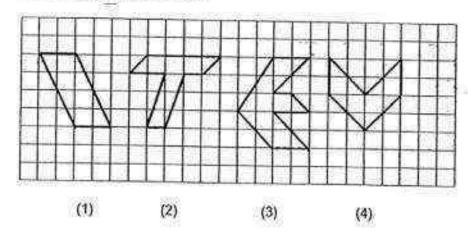
- Which of the following numbers when rounded off to the nearest hundred becomes 81 500?
 - (1) 81 444
 - (2) 81 496
 - (3) 81 550
 - (4) 81 594
- 2. Which of the following is a multiple of both 4 and 6?
 - (1) 8
 - (2) 2
 - (3) 12
 - (4) 18
- 3. The figure shown is made up of identical triangles. What fraction of the figure is shaded?
 - (1) $\frac{4}{8}$
 - (2) $\frac{4}{12}$
 - (3) $\frac{8}{12}$
 - (4) $\frac{8}{4}$



4. Which of the following decimals is represented by letter A in the number line?



- (1) 8.007
- (2) 8.012
- (3) 8.014
- (4) 8.017
- 5. Which one of the following fractions is not in its simplest form?
 - (1) $\frac{4}{12}$
 - (2) $\frac{3}{5}$
 - (3) $\frac{4}{9}$
 - (4) $\frac{9}{20}$
- 6. Which one of the following figures in the square grid below has both parallel lines and perpendicular lines?



7. Which figure below does not have a line of symmetry?

(1)



(2)



(3)



(4

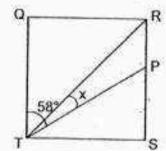


- 8. Mrs Tan went to the market with \$98.40. After buying 6 kg of prawns, she had \$24.60 left. How much did each kilogram of prawns cost?
 - (1) \$4.10
 - (2) \$12.30
 - (3) \$16,40
 - (4) \$73.80
- Round off each number in the table to the nearest tens. Which two numbers will give an estimated sum of 4600?

Α	В	C	D
2093	2195	2306	2404

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

- 10. Jane had 600 beads at first. She used $\frac{9}{12}$ of the beads to make a necklace and $\frac{1}{3}$ of the beads to make a bracelet. How many beads had Jane left?
 - (1) 50
 - (2) 200
 - (3) 350
 - (4) 550
- 11. 78 000 students watched a concert in a stadium. There were 8800 more girts than boys. How many girts were there in the stadium?
 - (1) 30 200
 - (2) 34 600
 - (3) 43 400
 - (4) 47 800
- 12. Six years ago, John's age was a multiple of 5. His age now is a multiple of 3. How old is John now?
 - (1) 21
 - (2) 24
 - (3) 27
 - (4) 30
- Figure QRST is a square. RT is a straight line and ∠QTP = 58°. Find ∠ x.
 - (1) 13°
 - (2) 16°
 - (3) 29*
 - (4) 32°



14. The opening hours of a restaurant is shown below.

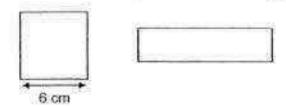
Opening hours

Monday to Friday 1100 to 1400 1800 to 2130

Saturday and Sunday 1100 – 1430 1745 – 2200

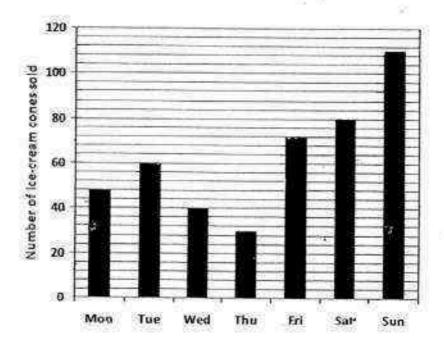
How long is the restaurant open each day during the weekend?

- (1) 3 h 30 min
- (2) 6 h 30 min
- (3) 7 h 45 min
- (4) 9 h 45 min
- 15. The rectangle and square below have the same perimeter. The breadth of the rectangle is half the side of the square. What is the length of the rectangle?



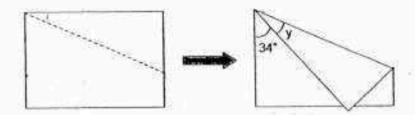
- (1) 3 cm
- (2) 9 cm
- (3) 12 cm
- (4) 15 cm
- 16. Mary has 4 times as much money as her brother. They have a total of \$62. How much must Mary give her brother so that they have an equal amount of money in the end?
 - (1) \$12.40
 - (2) \$15.50
 - (3) \$18.60
 - (4) \$31.00

The graph below shows the number of ice-cream cones sold at a store. Study the graph carefully and answer Questions 17 and 18.



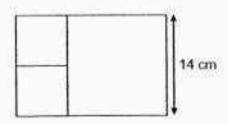
- 17. On which two days were a total of 120 ice-cream cones sold?
 - (1) Mon and Fri
 - (2) Tue and Sat
 - (3) Wed and Sun
 - (4) Thu and Fri
- Each ice-cream cone was sold for \$2. Find the total amount of money collected from the sale of ice-cream cones on weekdays.
 - (1) \$250
 - (2) \$255
 - (3) \$500
 - (4) \$510

A rectangular piece of paper is folded along the dotted line as shown below.



What is the size of ∠ y?

- (1) 22°
- (2) 28°
- (3) 34"
- (4) 56°
- 20. The figure below is made up of 3 squares. What is the area of the figure?



- (1) 70 cm²
- (2) 98 cm²
- (3) 112 cm²
- (4) 294 cm²

End of Section A Go on to Booklet B



MARIS STELLA HIGH SCHOOL (PRIMARY) SEMESTRAL ASSESSMENT 2 PRIMARY 4 MATHEMATIC: 25 OCTOBER 2016 BOOKLET B

25 questions

60 marks

Total time for Booklets A and B: 1 h 45 min

NAME:	
CLASS : PRIMARY 4	
CLASS: PRIMARY 4	

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD FOLLOW ALL INSTRUCTIONS CAREFULLY ANSWER ALL QUESTIONS.

MARKS	DBTAINED:
BOOKLET A:	
BOOKLET B:	/60
TOTAL :	/ 100
Parent's Signature:	

Section B (20 x 2 = 40 marks)

Show your working clearly in the spaces below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

21. Write forty thousand and fourteen in figures.

Do not write in this space.

Answer

22. Two factors of 27 are 1 and 27. What are the other two factors of 27?

Answer:

and

23. Write the missing number in the number pattern below.

2369 , ______ , 4409 , 5429 , 6449

Answer:

 $24, \qquad \frac{5}{6} = \frac{10}{\square}$

What is the missing number in the box?

Answer:

1

25	Find the value of $1 + \frac{1}{2} - \frac{1}{6}$. Express the answer in its simplest form.	Do not write in this space.
	Answer:	
26.	Arrange the following numbers in order from the greatest to the smallest. 5.032, 5.320, 5.203	
	Answer:,,, (smallest)	
27.	Find the value of 5.76 x 8.	
	Answer:	
28.	Express $\frac{18}{1000}$ as a decimal.	
	Answer:	
	9 SCORE (Go on to the next page)	,

29.	In the figure below, name the two angles that are smaller than 90°.	Do not write in this space,
	Answer:and	
30.	Mrs Goh mixed 6.84 kg of bread flour with 5.16 kg of oat flour. She then repacked the flour into packets of 500 g. How many packets did she use to contain all the flour she mixed?	
	Answer:	
31.	Sally had some cookies. She gave $\frac{7}{9}$ of them to Susie and 12 cookies to her neighbour. She then had 16 cookies left. How many cookies did Sally have at first?	
	Answer:	
	10 SCORE (Go on to the next page)	

32.	A bag costs 3 times as much as a storybook. The difference in the cost of the two items is \$16.40. How much does the bag cost?	Do not write in this space.
33.	Answer: \$ The total mass of 3 tables is the same as the total mass of 4 chairs.	
	The mass of a table is 2 kg heavier than a chair. Find the mass of a table.	
14.	Answer:kg A square of side 4 cm is cut out from a rectangular paper. The square is put	
	18 cm	
	Answer: cm	
	11. SCORE (Go on to the next page)	

Do not Study the diagram below and answer Questions 35 and 36. write in this space: U Q S I 1 step 35. Kelly is standing at point U and facing North. At which point will she be facing if she makes a 225" turn anti-clockwise? Answer Point 36. Jonathan is standing at point R facing North. He moves around in the diagram above following the instructions below: a. Walk 3 steps to the North. b. Turn to the East and walk 2 steps forward. Make a 90° turn clockwise and walk 2 steps forward. Put a cross (X) in the diagram above to show where Jonathan is standing in the end. 37. At most how many pieces of square paper, each of side 6 cm long, can be cut from a large piece of rectangular paper measuring 98 cm by 90 cm? 90 cm 12 SCORE (Go on to the next page)

	48 7	-1	1 1					spa
1	40							
Amount of Dainel								
4	32		12					
0	24		X					
2	16							
	8					7		
4	1	11						
	0 +							
		Jan	Feb	Mar	Apr	May	Jun	
					Answe	斯 <u></u>		_ cm
In wh	ich me	nths were	e the amo	unt of rain	Answe		an 20 cm 🤊	
In wh	ich mo	nths were	e the amo	unt of rain	14-525/5076		an 20 cm 🤊	
In wh	ich mo	nths were	e the amo	unt of rain	14-525/5076		an 20 cm ?	
In wh	ich me	nths were	e the amo	unt of rain	fall collect	ed less th	an 20 cm 'i	
In wh	ich me	nths were	e the amo	unt of rain	14-525/5076	ed less th	an 20 cm 🤊	
During	g Which		onth perio		fall collect	ed less th	98 (1985-1986) (1985-1986)	
During	g Which	1 one-mo	onth perio		fall collecte Answe	ed less th	98 (1985-1986) (1985-1986)	
During	g Which	1 one-mo	onth perio		fall collecte Answe	ed less th	98 (1985-1986) (1985-1986)	
During	g Which	1 one-mo	onth perio		fall collecte Answe	ed less th	98 (1985-1986) (1985-1986)	
During	g Which	1 one-mo	onth perio	d was the	Answe	ed less th	98 (1985-1986) (1985-1986)	
During	g Which	1 one-mo	onth perio	d was the	fall collecte Answe	ed less th	98 (1985-1986) (1985-1986)	
During	g Which	1 one-mo	onth perio	d was the	Answe	ed less th	nount of r	

Wor show	k out the answers for each of the following questions. All workings must be vn.					
41.	Tim has \$150. He spent \$26.80 on food and \$13.60 more on transport than on food. He then spent the rest of his money on 6 books.					
	(a) How much did Tim spend on food and transport altogether?	in this space				
	(b) How much did Tim spend on each book?					
		-				
	74					
	Answer: (a) [2]					
		1.				
	(b)[2]					
	14 SCORE					
	(Go on to the next page)					

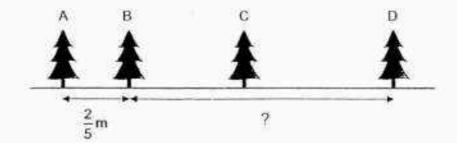
42.	Rol Afte	ere were 48 litres of water in Tank A and Tank B altogether. Din poured 5 litres of water from Tank B into Tank A. Er that, he poured 7 litres of water from Tank A to Tank B. In tanks have the same amount of water in the end.	Do not write in this space.
	(a)	How many litres of water were there in Tank A at first?	
	(b)	Tank A was $\frac{1}{3}$ filled with water at first. What is the capacity of Tank A? Give your answer in litres.	
		Answer: (a)[3]	
		(b)[1]	
	10	15 SCORE (Go on to the next page)	

 Farmer Joe plants four trees A, B, C and D along a straight line as shown below.

Do not write in this space.

Trees A and B are $\frac{2}{5}$ m apart. The distance between Trees B and C is twice the distance between Trees A and B. The distance between Trees C and D is $\frac{1}{3}$ m more than the distance between Trees B and C.

What is the distance between Trees B and D?



Answer: [4]

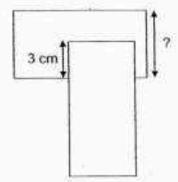
16

44.	James had \$105 and his brother had \$23 at first. Mother gave each of them an equal amount of money. After that, James has 3 times as much money as his brother. How much did Mother give each of them?	Do not write in this space.
	Answer: [4]	
	17 SCORE (Go on to the next page)	

Two identical rectangles partially overlapped each other as shown below.
 The area of each rectangle is 128 cm². Its length is twice its breadth.

Do not write in this space.

- (a) Find the breadth of a rectangle.
- (b) Find the perimeter of the figure below.



Answer: (a) [2]

b)_____[2]

END OF PAPER

18

SCORE

YEAR

: 2016

LEVEL

PRIMARY 4

SCHOOL

MARIS STELLA HIGH

SUBJECT

MATHEMATICS

TERM

SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	3	1	4	4	2	4	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	1	1	3	2	3	1	3	2	4

Booklet B

Q21

40 014

Q22

3 and 9

Q23

3389

Q24

12

Q25

 $1\frac{1}{3}$

Q26

5.320, 5.203, 5.032

Q27

46.08

Q28

0.018

Q29

∠a and ∠e

Q30

 $6.84 + 5.16 = 12 \text{ kg} \approx 12000 \text{ g}$

12000 ÷ 500 ⇒ 24 packets

Q31

 $28 \div 2 = 14$

 $14 \times 9 \Rightarrow 126$ cookies

Q32

\$16.40 + \$8.20 \Rightarrow \$24.60

Q33

8 kg

Q34
$$12 + 12 = 24$$

 $36 + 24 = 60$
 $60 + 16 \Rightarrow 76 \text{ cm}$

Q35 Point R

1

Q37
$$98 + 6 = 16^{R2}$$

 $90 \div 6 = 15$
 $16 \times 15 \Rightarrow 240 \text{ pieces}$

Q38 28 cm

Q42a Equal
$$\rightarrow$$
 48 ÷ 2 = 24 ℓ
A \rightarrow 24 + 7 - 5 \Rightarrow 26 ℓ

Q42b
$$\frac{\frac{1}{3} \rightarrow 26 \ \ell}{\frac{3}{3} \rightarrow 26 \times 3 \Rightarrow \underline{78 \ \ell}}$$

Q45a
$$b \times 2b = 128 \text{ cm}^2$$

 $2b^2 = 128 \text{ cm}^2$
 $b^2 = 128 + 2 = 64$
 $b = \sqrt{64} \Rightarrow 8 \text{ cm}$

Q45b
$$128 + 2 = 64 \text{ cm}^2$$

 $8 \times 8 = 64 \text{ cm}^2$
Perimeter $\rightarrow (6 \times 8) + 26 \Rightarrow 74 \text{ cm}$

End

METHODIST GIRLS' SCHOOL (PRIMARY) Founded in 1887



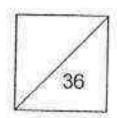
END-OF-YEAR EXAMINATION 2016 PRIMARY 4 MATHEMATICS **BOOKLET A**

Total Time: 1 h 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Name:	
Class:	
Date:	26 OCTOBER 2016



This booklet consists of 8 printed pages including this page.

Section A: MCQ (36 marks)

Questions 1 to 18 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.

- 44 thousands and 6 tens is the same as _____
 - (1) 446
 - (2) 4 460
 - (3) 44 006
 - (4) 44 060
- 2. 36 588 rounded off to the nearest hundred is _____
 - (1) 36 500
 - (2) 36 590
 - (3) 36 600
 - (4) 37 000

$$3. \quad 3\frac{5}{9} = \frac{\square}{9}$$

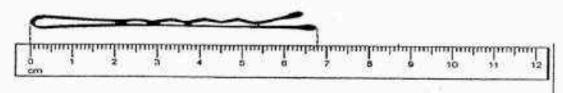
What is the missing number in the box?,

- (1) 15
- (2) 22.
- (3) 27
- (4) 32

4. Arrange the following fractions from the smallest to the greatest.

$$\frac{7}{12}$$
, $\frac{1}{4}$, $\frac{2}{3}$

- (smallest) (greatest) (1) $\frac{1}{4}$, $\frac{7}{12}$, $\frac{2}{3}$
- (2) $\frac{7}{12}$, $\frac{1}{4}$, $\frac{2}{3}$
- (3) $\frac{2}{3}$, $\frac{7}{12}$, $\frac{1}{4}$
- (4) $\frac{1}{4}$, $\frac{2}{3}$, $\frac{7}{12}$
- 5. Round off 47.72 to the nearest whole number.
 - (1) 47
 - (2) 48
 - (3) 49
 - (4) 50
- In the figure below, what is the length of the hair pin in cm? Give your answer in decimal.



- (1) 6.3
- (2) 6.8
- (3) 7.2
- (4) 7.8

Which one of the following is equal to 1.25?

$$(1) \quad 1 + \frac{2}{10} + \frac{5}{10}$$

(2)
$$1 + \frac{2}{100} + \frac{5}{100}$$

(3)
$$1 + \frac{25}{100}$$

(4)
$$\frac{125}{1000}$$

Study the table carefully and answer questions 8 and 9.
The table below shows the number of books donated by a group of children during a charity drive.

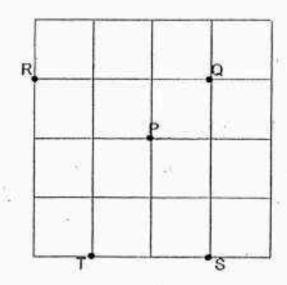
No of books donated	1	2	3	4	5
No of children	2	5	10	6	3

- How many children donated at <u>least</u> 3 books?
 - (1) 7
 - (2) 9
 - (3) 10
 - (4) 19
- 9. What is the total number of books donated by all the children?
 - (1) 15
 - (2) 26
 - (3) 41
 - (4) 81

10.	Meng is 43.5 kg. His brother is 5.6 kg lighter.
	What is their total mass?

- (1) 37.9 kg
- (2) 49.1 kg
- (3) 80.4 kg
- (4) 81.4 kg
- 11. Ben started painting his room at 09 45. He stopped for a 1-hour lunch break and continued painting until 17 50. How long did he spend painting his room?
 - (1) 7 h 5 min
 - (2) 7 h 15 min
 - (3) 8 h 5 min
 - (4) 8 h 15 min
- 12. $\frac{5}{6}$ of a number is 30. What is the number?
 - (1) 5
 - (2) 6
 - (3) 25
 - (4) 36-
- 13. A teddy bear is priced at \$25 each. What is the amount of money collected if 268 similar teddy bears are sold?
 - (1) \$1 340
 - (2) \$1876
 - (3) \$6 700
 - (4) \$6 600

Look at the grid below and answer question 14.

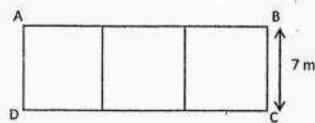




14 Which one of the following statements is correct?

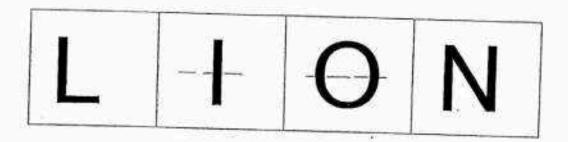
- (1) T is north-east of P
- (2) R is east of Q
- (3) P is north-west of S
- (4) S is south of P

15. The figure ABCD is made up of 3 identical squares. What is the perimeter of the figure?



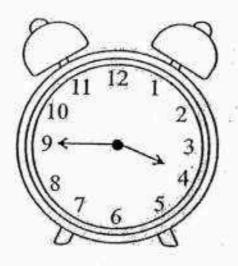
- (1) 49 m
- (2) 56 m
- (3) 70 m
- (4) 125 m

16. Which two of the following letters are symmetrical?



- (1) L and I
- (2) O and N
- (3) L and N
- (4) I and O
- David is thinking of a number. The number is divisible by 3 and 4. It has 24 as one of its multiples and 8 as one of its factors. What is the number?
 - (1) 6
 - (2) 8
 - (3) 12
 - (4) 24

John woke up from his afternoon nap and was shocked when he saw the time indicated on the clock. What would the time be when expressed using the 24-hour clock?



- (1) 03 45
- (2) 09 20
- (3) 15 45
- (4) 16 45

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2016 PRIMARY 4 MATHEMATICS BOOKLET B

Total Time: 1 h 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Answer all questions.

Name:

Class:

Date: 26 OCTOBER 2016

BOOKLET A	36
BOOKLET B	36
BOOKLET C	
TOTAL	100

This booklet consists of 7 printed pages including this page.

Section B: (36 marks)

Questions 19 to 36 carry 2 marks each.

Write out the correct answers for the following questions in the space provided. Show your working clearly and give your answers in the units provided.

19. Write the missing number in the number pattern below.

5 679 , 5 829	. 5 979 .	. 6 279
the company of the Parket Company of the Company of	the second second	. 0 413

100000000000000000000000000000000000000	
Ans:	
A. C. Sept. A.	

 Some factors of 36 are 1, 2, 3, 6, 9, 18 and 36. What are the other two factors of 36?

Ans	
	-

21. 4308+6=____

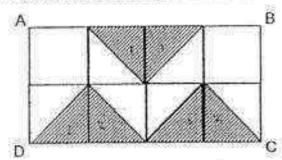
Ans:

22. Which two of the fractions below are equivalent to $\frac{8}{12}$?

$$\frac{18}{24}$$
, $\frac{4}{6}$, $\frac{5}{9}$, $\frac{2}{3}$

Ans: ____ and

23. In the figure below, rectangle ABCD is made up of 8 unit squares. What fraction of rectangle ABCD is shaded?



Ans: _____

24. Arrange the following numbers from the smallest to the greatest.

1960			1400-1400-1400
3	100	0.705	0.075
A	20	8335555	

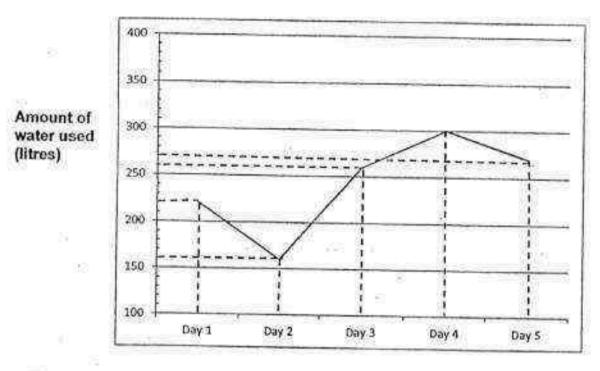
(smallest)	(greatest)

Ans : _____

26. A number lock needs a 3-digit number code to unlock it. The digit in the hundreds place is twice the digit in the ones place. The digit in the tens place is half the digit in the ones place. The sum of the 3 digits is 7 What is the number code?

Ans: _____

Study the graph carefully and answer questions 27 and 28. The graph below shows the amount of water used by Farmer Raju in 5 days.



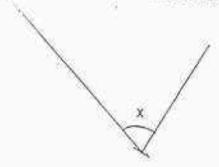
27. Between which 2 consecutive days was the difference in the amount of water used the greatest?

Ans:		and
DANCES CONT. NO. 198	-	7150000 - T

28. Farmer Raju had to pay 10 cents for each litre of water used.
What was the difference in the amount of money he had to pay for the water used on Day 2 and on Day 5?

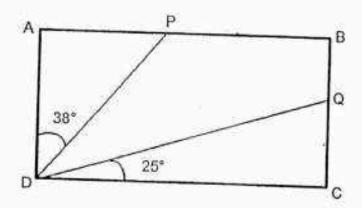
Ans:\$			

Measure and write down the size of ∠x.



Ans:

30. In the figure, ABCD is a rectangle. Find ∠ PDQ



Ans:

31. Mrs Lim used $\frac{2}{3}$ l of milk to make pancakes and $\frac{3}{4}$ l of milk to make a pudding. What was the total amount of milk Mrs Lim used? (Give your answer as a mixed number.)

Ans: _____

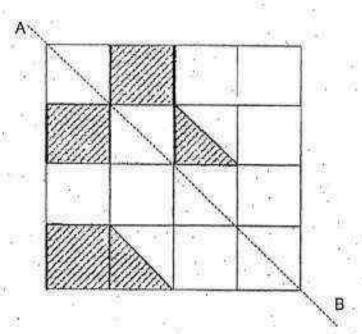
32. Jen took a 20-minute bus ride to the nearest MRT station. 5 minutes later, she boarded the train which arrived at 1110. At what time did she board the bus? (Give your answer using the 24 hour clock)

Ans:	
-9019-59E-6E-6L	

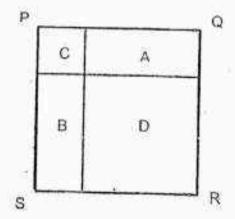
 The area of a rectangle is 48 cm². Its length is 2 cm longer/than its breadth. Find the perimeter of the rectangle.

Ans	cm
1.0101	4911

 Shade 2 triangles and 1 square in the figure below so as to form a symmetric figure with AB as the line of symmetry.

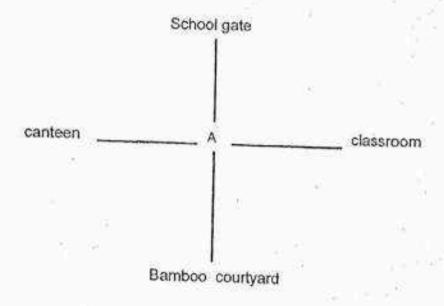


35. PQRS is a square. It is made up of two smaller squares C and D and two identical rectangles A and B. Area of C is 9 m² and area of D is 36 m². What is the area of PQRS?



Ans: _____ m²

36. Siti was standing at Point A facing her classroom. She turned anti-clockwise to face the bamboo courtyard. How many right-angled turns did she make?



Ans: ____

End of Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY) Founded in 1887



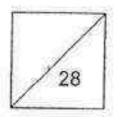
END-OF-YEAR EXAMINATION 2016 PRIMARY 4 MATHEMATICS **BOOKLET C**

Total Time: 1 h 45 minutes

INSTRUCTIONS TO CANDIDATES

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

Name: .	
Class: .	
Date:	26 OCTOBER 2016



This booklet consists of 7 printed pages including this page.

Section C:	(28marks)
------------	-----------

Show your working clearly in the space provided for each question 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.

37. All, Ben and Kit donated \$500 altogether. All donated 3 times as much money as Ben. Kit donated \$72. What was the amount donated by Ben?

Ans:	[3]
	141

38. A box of grapes costs \$7 and a box of strawberries costs \$9. Mrs Tan paid \$132 for 16 boxes of grapes and strawberries. How many boxes of grapes did Mrs Tan buy ?

	Joseph had \$280. He spent $\frac{3}{5}$ of it on a watch.		
	The remaining money was shared equally among his 7 grandchildren. How much did each grandchild receive?		

40. John has \$4.20. His sister has \$9.60 How much should his sister give him so that they both have the same amount of money?

Ans: _____ [3]

4

41.



Parcel A - $\frac{3}{4}$ kg



Parcel B



Parcel C lightest

The Picture above shows Parcel A, B and C

The difference between the mass of Parcel A and mass of Parcel C is $\frac{7}{12}$ kg

The difference between the mass of Parcel B and mass of Parcel C is $\frac{1}{3}$ kg What is the mass of Parcel B? Give your answer in its simplest form.

Ans:	 [4]

42.	A total of 112 people were standing in a queue to buy tickets.
1	The first person in the queue is a woman.
	There were 3 men standing between any two women.

a) How many men were there in the queue?

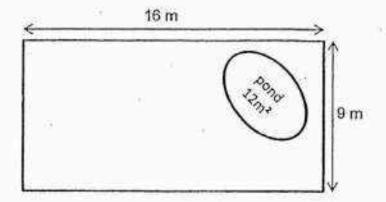
b)	What i	fraction of	the people	in the queue	were women?
----	--------	-------------	------------	--------------	-------------

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

43.	Mary paid \$14.80 for 4 forks and 4 knives.
	Each knife cost \$1.30 more than each fork.
	What was the cost of 1 knife?

Ans: [4]

- The figure shows a rectangular garden. It had a 12 m² pond at one corner. The rest of the garden was for plants. The gardener put a fence around it. 1 m of fence cost \$12.
 - (a) What area of the garden was filled with plants?(b) What was the cost of the fence?



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

End of Booklet C

YEAR

: 2016

LEVEL

PRIMARY 4

SCHOOL

METHODIST GIRLS'

SUBJECT

MATHEMATICS

TERM

SA2

Booklet A

Q1	4	Q4	1	Q7	3	Q10	4	Q13	3	Q16	4
Q2	3	Q5	2	Q8	4	Q11	1	Q14	3	Q17	4
Q3	4	Q6	2	Q9	4	Q12	4	Q15	2	Q18	3

Booklet B

Q19

6129

Q20

4 and 12

Q21

718

Q22

 $\frac{4}{6}$ and $\frac{2}{3}$

Q23

3

Q24

 $0.075, 0.705, \frac{3}{4}$

Q25

13.82

Q26

412

Q27

Day 2 and Day 3

Q28

\$11

Q29

74 0

Q30

27°

$$\begin{array}{c}
\frac{2}{3} + \frac{3}{4} \\
\rightarrow \frac{8}{12} + \frac{9}{12} \\
\rightarrow \frac{17}{12} \\
\Rightarrow 1\frac{5}{12}
\end{array}$$

Q32

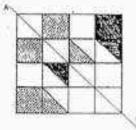
1045 hrs

Q33

$$8 + 6 \rightarrow 14$$

$$14 \times 2 \Rightarrow 28 \text{ cm}$$

Q34



Q35

$$3+6\rightarrow9$$

$$9 \times 9 \Rightarrow 81 \text{ m}^2$$

Q36

3

Booklet C

Q37

\$500 - \$72 → \$428

\$428 ÷ 4 ⇒ \$107

Q38

6 boxes

Q39

 $280 \div 5 \to 56$

56 x 2 → 112

112 + 7 ⇒ \$16

Q40

\$9.60 - \$4.20 \rightarrow \$5.40

\$5.40 ÷ 2 ⇒ \$2.70

Q41
$$\frac{3}{4} - \frac{7}{12}$$

$$\rightarrow \frac{9}{12} - \frac{7}{12}$$

$$\rightarrow \frac{2}{12}$$

$$\frac{2}{12} + \frac{1}{3}$$

$$\rightarrow \frac{2}{12} + \frac{4}{12}$$

$$\rightarrow \frac{6}{12}$$

$$\Rightarrow \frac{1}{2} \text{ kg}$$

Q44a Area of garden:
$$16 \times 9 \rightarrow 144$$
 Garden area with plants: $144 - 12 \Rightarrow 132 \text{ m}^2$

Q44b
$$16 + 9 = 25$$

 $25 \times 2 = 50$
 $50 \times 12 \Rightarrow 600



SECOND SEMESTRAL EXAMINATION 2016

PRIMARY 4 **MATHEMATICS**

DURATION: 1 HOUR 45 MINUTES

Section A	/ 30
Section B	/ 40
Section C	/ 30

Total:	/ 100

Name:	25	()	S 8
Class:	Primary 4 ()		
Date:				
seek y	our understanding	g in this matte	d be raised by <u>4</u> or as any delay in t eration of results.	Nov 2016. We he confirmation
Parent	's Signature:			
DO NO	OT OPEN THIS B	OOKLET UNT	IL YOU ARE TOLE) TO DO SO.

ANSWER ALL QUESTIONS.

Section A

Questions 1 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.

(Total: 30 marks)

- In which of the following numbers does the digit 2 stand for 200?
 - (1) 9280

(2) 5120

(3) 2864

- (4) 1302
- 2. 15 thousands and 9 tens is the same as _____
 - (1) 159

(2) 1590

(3) 15 009

- (4) 15 090
- In the number 23 057, which digit is in the hundreds place?
 - (1) 0

(2) 2

(3) 3

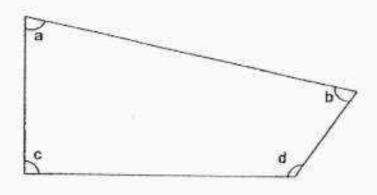
- (4) 5
- 4. Which of the following is not an equivalent fraction of $\frac{1}{4}$?
 - (1) $\frac{2}{8}$

(2) $\frac{3}{12}$

(3) $\frac{4}{18}$

(4) $\frac{5}{20}$

In the figure, which angle is greater than a right angle? 5.



- (1) **Z**8
- (3)ZC

(2)10 (4)

Zd

- 6. Express 0.06 as a fraction in its simplest form.

(3)

- Ravi completed the 100 m race at 1 min 32 s. Junlong ended the same race 14 s later. How many seconds did Junlong take to complete the 7. race?
 - (1) 146

118

(3) 106 78

- Bernard collected 3500 stamps. He gave all his stamps equally to his 5 friends. How many stamps did each of his friends get?
 - (1) 70 (3) 875

- (2) 700 (4) 3495
- 9. Calvin bought $\frac{2}{5}$ kg of apples. He bought another $\frac{9}{10}$ kg of oranges. What was the total mass of fruits Calvin bought?
 - (1) $1\frac{5}{50}$ kg

(2) $1\frac{3}{50}$ kg

(3) $1\frac{3}{10}$ kg

- (4) $1\frac{1}{2}$ kg
- 10. Chengli bought 1 soccer ball at \$12.95 and 1 badminten racket at \$19.95. He gave the cashier \$50. How much change did he receive?
 - (1) \$17.10

(2) \$30.05

(3) \$32,90

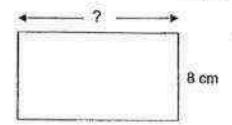
- (4) \$37.05
- 11. Kath mixed 0.8 l of orange syrup with 1.45 l of water to make a cocktail. She then poured all the cocktail equally into 9 cups. How many litres of cocktail were there in each cup?
 - (1) 0.17 /

(2) 0.25 1

(3) 2.25 /

(4) 20,251

12. The following figure shows a rectangle. The breadth of the rectangle is 8 cm and its area is 96 cm². What is the length of the rectangle?



- (1) 768 cm
- (3) 40 cm

- (2) 80 cm
- (4) 12 cm
- 13. Annabelle is watching a concert in a performance hall. She is sitting in the front row. To her right, there are 29 seats and to her left, there are 25 seats. Behind her, there are 99 rows. There are an equal number of seats in each row. How many seats are there in the performance hall altogether?
 - (1) 154

(2) 5346

(3) 5400

(4) 5500

Study the table below to answer Questions 14 and 15.

The table below shows the number of carnations and roses sold by Mrs Tan from Monday to Wednesday.

Day	Monday	Tuesday	Wednesday
Carnations	23	27	25
Roses	?	31	33

- 14. How many carnations were sold on Monday and Wednesday?
 - (1) 48

(2) 75

(3) 64

- (4) 93
- 15. Each rose cost \$2 respectively. Mrs Tan collected \$108 after selling the roses on Monday. How many roses did Mrs Tan sell on Monday?
 - (1) 26

(2) 50

(3) 54

(4) 104

Section B

Questions 16 to 35 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.

(Total: 40 marks)

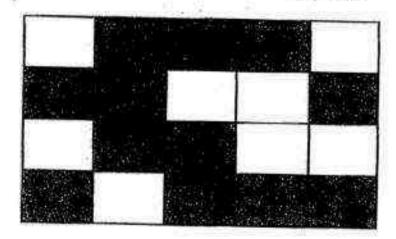
Write thirteen thousand, five hundred and seven in figures.

Answer	
UKLOS FORESCHEN GENYTIL	The state of the s

17. Express $\frac{6}{24}$ in the simplest form.

Answer:			
	100	 	

18. The figure below is made up of identical rectangles. What fraction of the figure is shaded? Express the answer in the simplest form.



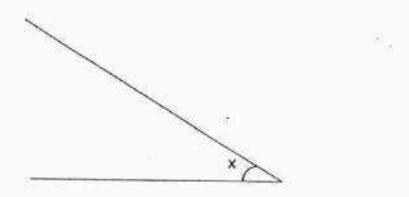
Answer	23		
		-	

19. What is the value of $\frac{6}{7} + \frac{1}{2}$?

Express your answer as a mixed number.

Answer			
	-	 	-

Measure and write down the size of ∠x.

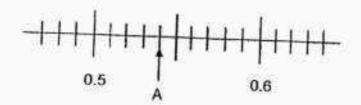


Answer:____

21. Write 7 tenths as a decimal.

Answer :

22. Write the decimal represented by A.



Answer;____

Arrange the following numbers in order from the greatest to the smallest.

0.102 , 0.201 , 0.012

Answer: _______ (greatest) ______ (smallest)

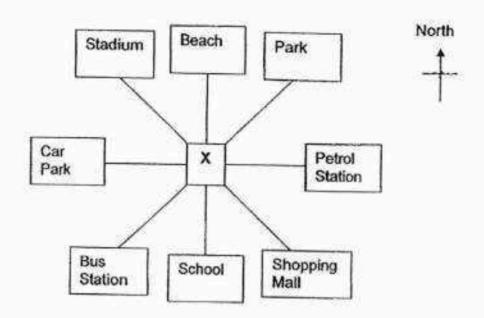
Round off 24.61 to the nearest whole number.

Answer:___

25. Danielle earned a monthly salary of \$5000. She saved \$1499 of her salary. She gave twice the amount of money that she saved to her brother and spent the rest. How much money did she spend?

Answer ; \$____

The diagram below shows the different locations in a town.



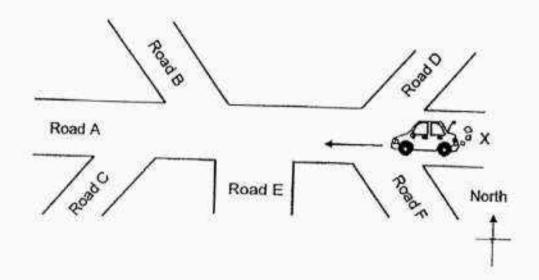
Bala is standing at the spot marked X and is facing the petrol station. He makes a 90° anti-clockwise and then a $\frac{3}{4}$ turn clockwise. Which location is he facing now?

Answer:	

 The figure below shows a line AB. Using a protractor, construct an angle such that ∠ABC = 123°. Mark and label the angle.



The figure below shows a road map.

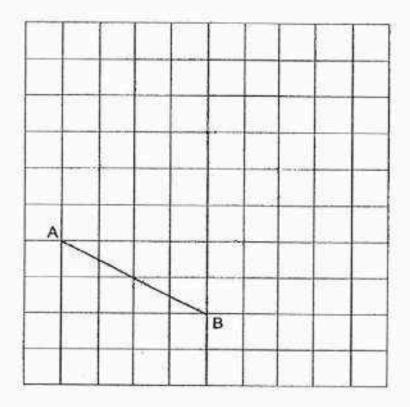


A car moved along Road A from Point X.

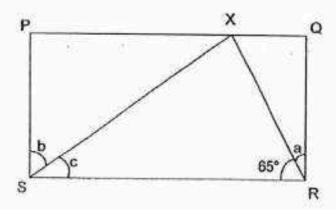
- (a) Which direction was the car facing when travelling along Road A?
- (b) After travelling for some time, the car turned into another road and faced south-west. Which road did it turn into?

Answer : (a)	
(b) Road	

29. Draw and label a square ABCD on the square grid provided.

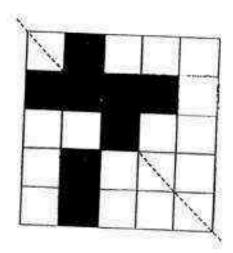


 In the figure below, PQRS is a rectangle. Given that ∠XRS = 65°, find the sum of ∠a, ∠b and ∠c.

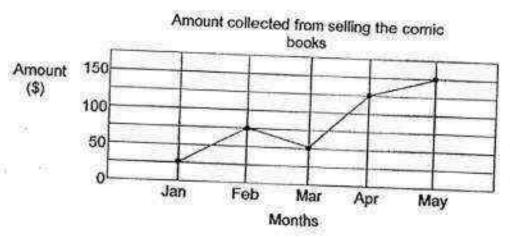


Answer	÷		
, monto	٨	 	

 Shade 2 squares in the figure below with the dotted line as the line of symmetry.



 The line graph below showed the amount of money Jessie collected from selling comic books in her shop from January to May.



Each comic cost \$5. How many comic books did Jessie sell in April?

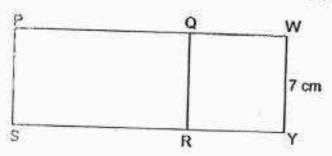
Answer	

100

The figure below is made up of 2 identical rectangles. The length of 33. each rectangle is twice its breadth. The perimeter of the figure is 180 cm, what is the length of each rectangle? Answer : _____ The rectangle B has the same area as the square C as shown below. 34. What is the length of square C? 16 cm В

Answer: _____cm

35. The figure below is made up of 1 rectangle and 1 square. The length of PQ is twice the length of QW. What is the area of the whole figure?



Answer:	cm ²

Car	42 -	w 12
260	uo	nC

Questions 36 to 37 carry 3 marks each and questions 38 to 43 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided for each question and write your answers in the spaces provided.

(Total: 30 marks)

36. A dressmaker had 45 m of cloth. She used some cloth to make 8 identical skirts and the remaining cloth to make 2 identical blouses. She used 2.83 m of cloth for each skirt. How much cloth did she use to make each blouse? Round your answer to one decimal place.

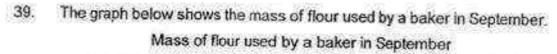
Ans: [3]

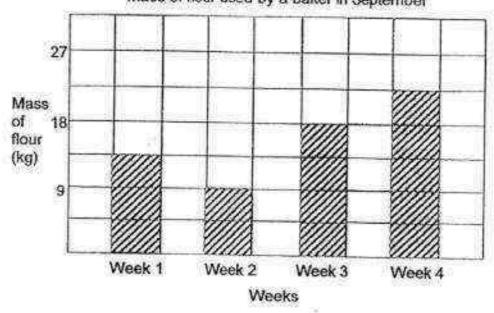
37. Sandy left her house at 7.25 p.m. to watch a movie at a cinema. She took ¹/₂h to walk from her house to the cinema. She was ¹/₄h early for the movie. What time did the movie start?
Express your answer in the 24-h clock.

Ans: _____[3]

- 38. Daphne bought some sugar. On Monday, Daphne bought $\frac{3}{5}$ kg of sugar. On Tuesday, she bought $\frac{1}{3}$ kg more sugar than that of Monday.
 - a) How many kilograms of sugar did Daphne buy on Tuesday?
 - b) What was the total mass of sugar she bought on Monday and Tuesday? Express your answer as a mixed number.

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





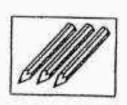
a) What was the mass of flour used by the baker in the odd weeks of September?

Ans:			8
4.41.5	-	[1	3

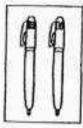
b) Each kilogram of flour cost \$2. Each statement below is either true (T), false (F) or not possible to tell (NPTT) from the information given. For each statement, put a tick (<) in the correct column.</p>
[3]

	Statement	T	F	NPTT
i)	The baker used more than 15 kg of flour in Week 3.			
ii)	The baker spent \$45 on the flour used in Week 4.			
iii)	The baker spent more money on the total flour used in the odd weeks than the total flour used in the even weeks.			

40. Study the diagrams below.



Pencils 3 for \$1.45



Pens 2 for \$2.20



Rulers 1 for \$0.50

The stationery above were only sold in packets.

- a) What was the cost of 12 pencils?
- b) Li Cheng packed a bag of stationery which consisted of 12 pencils, 2 pens and 2 rulers. What was the greatest possible number of bags of stationery he could buy with \$100?

Ans:	(a)	[1]

	Ans:	 [4]	
380 30			

veets to her friends. A		y sweets	
d Chris had 292 swee hris gave 25 of his sv			

42.	A store had 300 blue and yellow shirts for sale. After selling 111 blue
	shirts and 1
	shirts and $\frac{1}{5}$ of the yellow shirts, there was an equal number of blue
	and yellow shirts left. How many yellow shirts were there for sale at first?
	first?

a	0	2	5

She had to form all possible 3-digit odd numbers using the number cards given. In every 3-digit odd number, each card could only be used at most once. How many possible ways could she form with the given number cards?

Ans:		[4
mile.	 	

END OF PAPER

SCHOOL :

NANYANG PRIMARY SCHOOL

LEVEL :

PRIMARY 4

SUBJECT :

MATH

TERM

SA2

CONTACT:

SECTION A

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

Q 11	Q12	Q13	Q14	Q15
2	4	4	1	3

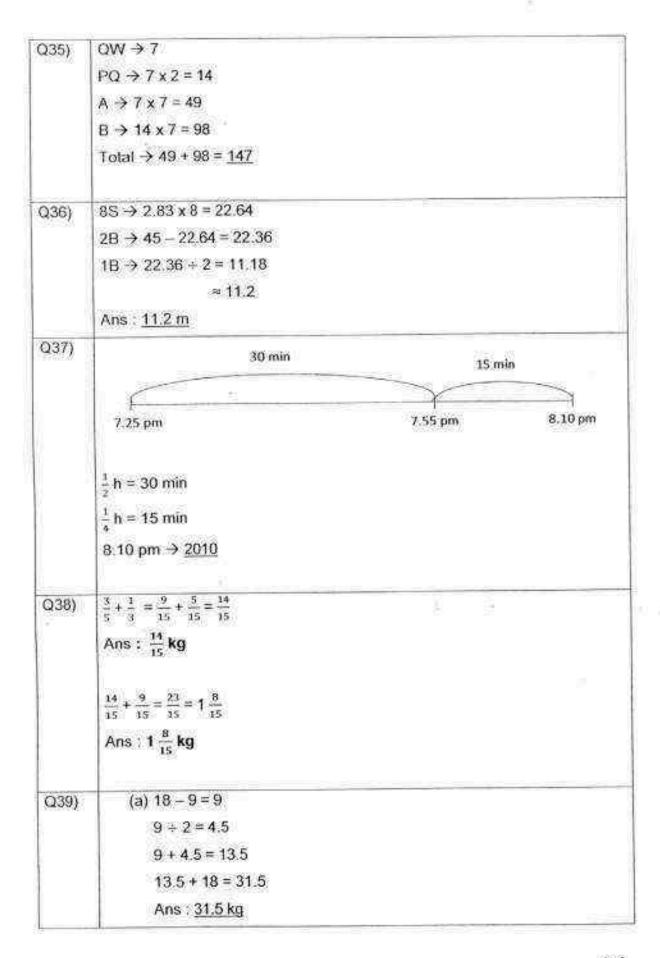
SECTION B

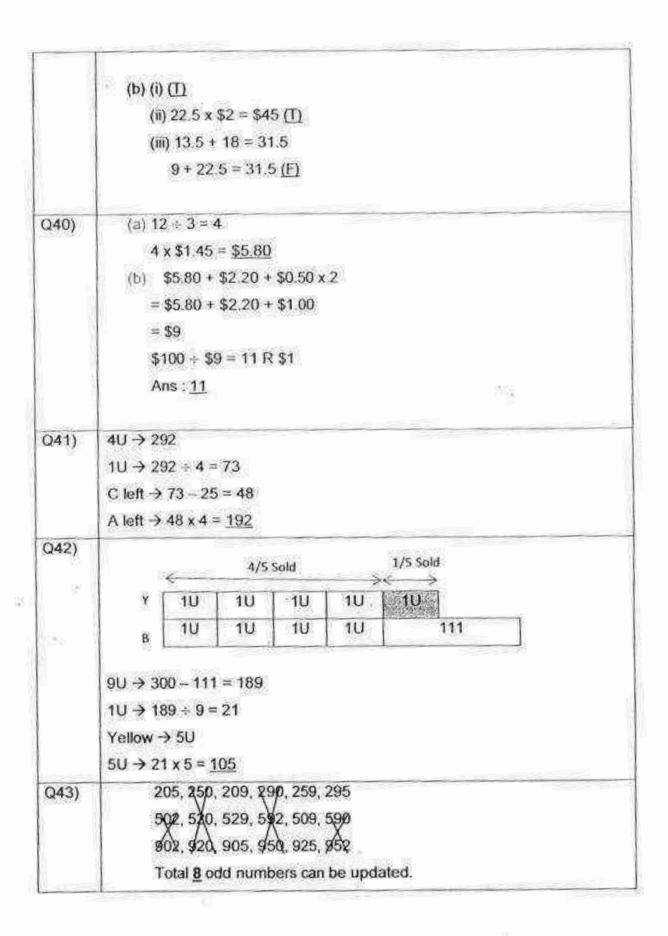
Q16	Q17	Q18	Q19	Q20
13507	1/4	3/5	1 5/14	32

Q21	Q22	Q23	Q24
0.7	0.54	0.201, 0.102, 0.012	25

800

Q25)	\$5000 - \$1499 = \$3501	
	\$1499 x 2 = \$2998	
	\$3501 - \$2988 = \$ <u>503</u>	
Q26)	Car Park	
Q27)	/ c	
2812.0V		
	1230	
	A B	
Q28)	(a) West	
	(b) Road C	
Q29)		
Q30)	$90^{\circ} - 65^{\circ} = 25^{\circ}$	
	$90^{\circ} + 25^{\circ} = \underline{115^{\circ}}$	
Q31)	(A) [4] [4] [4] [4] [4] [4] [4] [4] [4] [4]	
55		
	And the second s	
Q32)	\$125 ÷ \$5 = <u>25</u>	
, terrory	(74))	
Q33)	The same of the sa	
South the	18 x 2 = <u>36</u>	
Q34)	16 x 4 = 64	
	8 x8 = <u>64</u>	







PEI HWA PRESBYTERIAN PRIMARY SCHOOL SEMESTRAL ASSESSMENT 2

PRIMARY 4 MATHEMATICS PAPER

25 OCT 2016

Name:	
Form Class / Register No. : 4TW/_	
Banded Class / Register No. ; 4M/	
The state of the s	Total time: 1 h 45 min
INSTRUCTIONS TO CANDIDATES	
 Write your Name, Class and Register No. in the s above. 	paces provided
2. DO NOT turn over this page until you are told to o	do so.
Follow all instructions carefully.	
4. Answer all questions,	
For Section A, shade your answers on the Optica provided.	l Answer Sheet (OAS)
6. For Section B and C, write all your answers in this	s booklet
7. The use of calculator is NOT ALLOWED.	
Total Mark	s: 100

This booklet consists of 16 printed pages, excluding the cover page.

90

Section A: Multiple Choice Questions (20×2 = 40 marks)

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the eval (1, 2, 3 or 4) on the Optical Answer Sheet.

1 What is the missing number in the box?

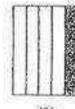
- (1) 165
- (2) 160
- (3) 60
- (4) 16
- In which of the following are the numbers arranged from the smallest to the greatest?

(smallest) (greatest)

- (1) 5078 , 5708 , 5780
- (2) 5780 , 5708 , 5078
- (3) 5078 , 5780 , 5708
- (4) 5780 , 5078 , 5708
- Which of the following has $\frac{1}{5}$ of the figure shaded?



(1)



(2)



(3)



1

(4)

- Write 4 ⁷/₂₀ as a decimal.
 - (1) 4.035
 - (2) 4.35
 - (3) 4.7
 - (4) 4.72

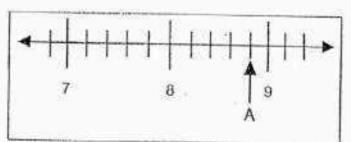
1

5 What is the missing number in the box?

$$9.02 = 9 + \frac{2}{\Box}$$

- (1) 1
- (2) 10
- (3) 100
- (4) 1000

- ()
- Which of the following mixed numbers is represented by the letter A in the number line shown?
 - (1) $7\frac{1}{5}$
 - (2) $7\frac{4}{5}$
 - (3) $8\frac{1}{5}$
 - (4) $8\frac{4}{5}$



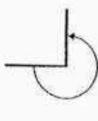
()

- 7 Which of the following is multiple of 9?
 - (1) 19
 - (2) 27
 - (3) 3
 - (4) 46

- ()
- In the figure below, which one of the following is a $\frac{3}{4}$ -turn?



(1)



(2)



(3)

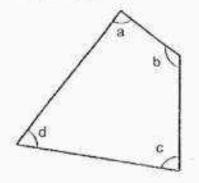


(4)

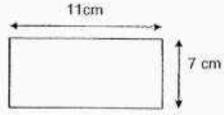
(

)

- 9 In the figure below, which angle is a right angle?
 - (1) Za
 - (2) ∠b
 - (3) Zc
 - (4) ∠d



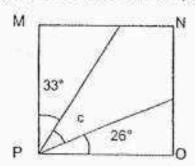
10 A wire is used to make a rectangle as shown below. What is the length of the wire?



- (1) 4 cm
- (2) 18 cm
- (3) 36 cm
- (4) 77 cm

()

11 In the figure below, MNOP is a square. Find ∠c.



- (1) 31°
- (2) 57°
- (3) 59°
- (4) 64°

)

(

)

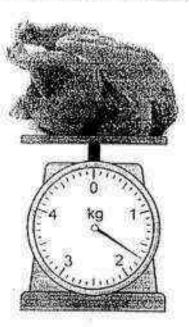
12 Which of the following is the greatest?

- (1) $3\frac{1}{2}$
- (2) $2\frac{5}{3}$
- (3) $\frac{13}{3}$
- (4) 4

13 After turning 225° in an anti-clockwise direction, Jeremy faced the North direction. Which direction was Jeremy facing before the turn?

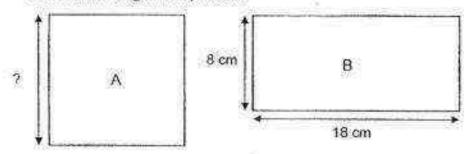
- (1) East
- (2) North-west
- (3) South-east
- (4) South-west

14 If 1 kg of chicken costs \$5, how much does the chicken in the figure below cost?



- (1) \$1.70
- (2) \$6.00
- (3) \$8.50
- (4) \$11.50

15 Square A and rectangle B have the same area. What is the length of square A?



- (1) 10 cm
- (2) 12 cm
- (3) 54 cm
- (4) 144 cm

16 Sherry cooked 150 fish nuggets. If she only sells them in boxes of 8, how many boxes of fish nuggets can she sell?

- (1) 6
- (2) 18
- (3) 19
- (4) 1200

17 If you subtract 3.62 from a number and multiply the result by 5, you will get 35. What is the number at first?

- (1) 3.38
- (2) 7
- (3) 10.62
- (4) 18.1

18 A movie started at 21 50 and ended at 23 05. How long did the movie last?

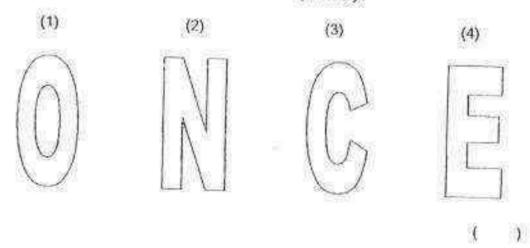
- (1) 1 h 15 min
- (2) 1 h 55 min
- (3) 2 h 15 min
- (4) 2 h 55 min

()

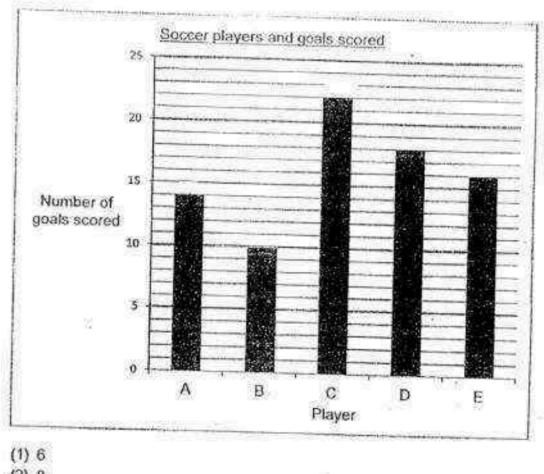
y

1





20 The bar graph below shows the number of goals scored by Players A to E. What is the difference between the number of goals scored by Player A and Player C?



- (2) 8
- (3) 14
- (4) 36

21	Subtract 587 from 955.		
	4 12 12 12 12 12 12 12 12 12 12 12 12 12	Ans:	
12			
22	Some factors of 36 are 1, 2, 3, 6, 9, 12 and 3 What are the other 2 factors of 36?	5	
		Ans:	and
		77101	and
3	Find the product of 1336 and 8.		
		Ans: _	
4	Express $\frac{8}{12}$ in its simplest form.		

Ans: _

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ne:	5 1	
25	8 2	

Ans:	
ruis.	

26 Arrange the following numbers from the smallest to the greatest.

0.809, 0.098, $\frac{4}{5}$

Ans:	
(smallest)	(greatest)

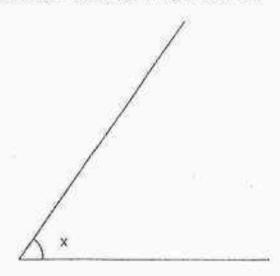
27 Roger bought 14 chairs at \$37 each. How much did he spend on all the chairs?

Ans: \$_____

28 Round off 24.48 to the nearest whole number.

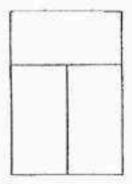
Ans:

29 Measure and write down the size of ∠x.



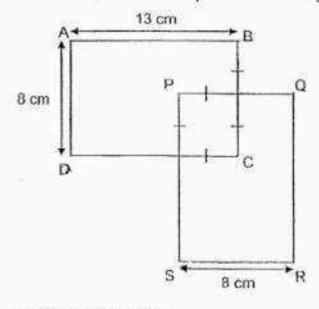
Ans: _____*

30 The figure below is made up of three identical rectangles. The figure has a perimeter of 30 cm. Find the area of the figure.



Ans: cm²

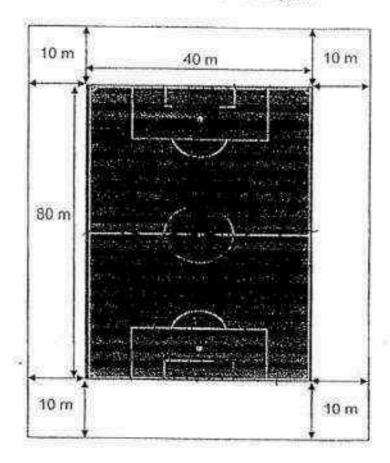
31 The figure below is made up of two identical overlapping rectangles ABCD and PQRS. Find the perimeter of the figure.



Ans:

cm

32 The figure below shows a soccer field, 80 m by 40 m with a path, 10 m wide around it. Find the area of the path.



	100
Ans:	m ²

33 Find the value of 6.84 x 7,



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34 The mass of a packet of rice was 3.2 kg. Mdm Haryati used 0.55 kg of rice on first day and the same mass was used on the second day. How much rice was left?

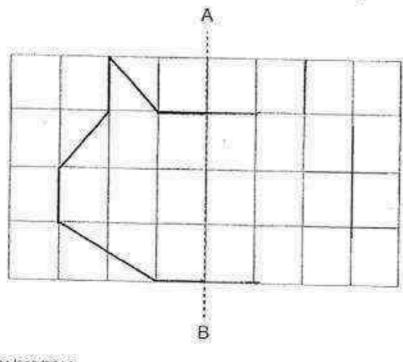
Ans:	ke

35. In a long jump competition, Shanti jumped 3.57 m. Ravin jumped 0.23 m further than Shanti. What is their total distance jumped?

4.5

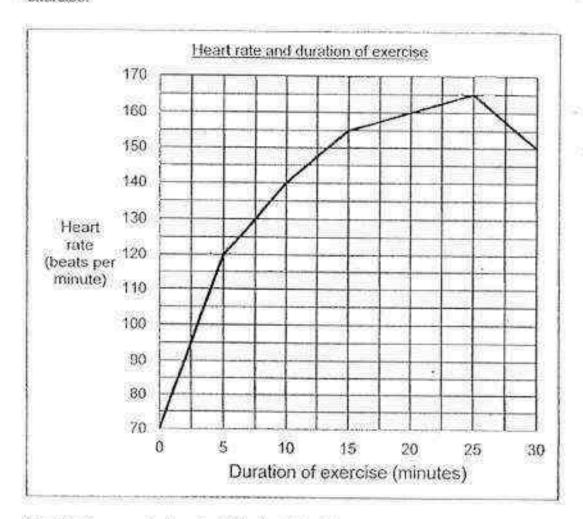
WC000015		
Ans:		m
Sept. 100 (1997) 1	-	

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



PHPPS/Math/P4/SA2/2016 11

37 The line graph below shows Jasmine's heart rate over a 30-minute duration of exercise.



Use the line graph above to fill in the table below.

Duration of exercise (minutes)	0	5	10	15	20	25	30
Heart rate (beats per minute)	70		140	155	160		150

Singapore time is / h ahead of London time. A plane took off from Singapore
at 05 00 and flew to London. When it landed in London, the clock there
showed 11 00. How long did the flight take?
1224 AV
Amer
Ans:
A bottle contained $\frac{7}{8}$ I of orange juice. Jody drank $\frac{3}{4}$ I of orange juice from
the bottle. How much orange juice was left in the bottle?
Ans:

Faizal took 30 minutes to run from home to the park. He spent 55 minutes at

Faizal took 30 minutes to run from home to the park. He spent 55 minutes at
Faizal took 30 minutes to run from home to the park. He spent 55 minutes at the park. Then, he took 25 minutes to run back home. If he left home at 8 a.m.
Faizal took 30 minutes to run from home to the park. He spent 55 minutes at the park. Then, he took 25 minutes to run back home. If he left home at 8 a.m.
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Faizal took 30 minutes to run from home to the park. He spent 55 minutes at the park. Then, he took 25 minutes to run back home. If he left home at 8 a.m.

Section C (5 \times 4 = 20 marks)

Solve each of the following problems. Show all your working and statements clearly. Write your answers in the spaces provided.

Ahmad and Bala had a total of 96 erasers. After giving away 12 erasers each, Ahmad had 3 times as many erasers as Bala. How many erasers does Bala have at first?

Working

Ans:

During an exhibition, an adult ticket cost \$5 and a child ticket costs \$2. On a particular day, the exhibition sold 689 more children tickets than adult tickets. A total of \$2505 was collected. How many adult tickets were sold?

Ans:

A3 Rena bought some items at a grocery store. $\frac{2}{3}$ of them were apples, $\frac{1}{9}$ of them were bananas and the rest were lemons. She bought 12 more apples than lemons.

How many lemons did Rena buy?

Working

Ans: _____

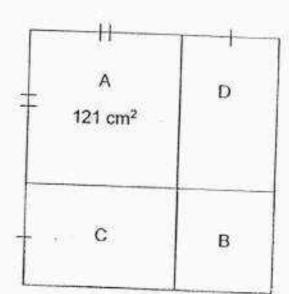
44 Shawn spent \$36.40 over 4 days. He spent \$2.60 prore each day than the day before. How much did Shawn spend on the first day?

Ans:

8

45 The figure below is made up of A, B, C and D and has a perimeter of 68 cm. A and B are squares while C and D are rectangles. Square A has an area of 121 cm². Find the area of rectangle D.

Working



Ans: _____

1000

- End of Paper -

EXAM PAPER 2016 (P4)

SCHOOL: PEI HWA

SUBJECT: MATHEMATICS

TERM: SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	2	2	3	4	2	2	1	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	3	4	3	2	2	3	1	2	2

21)368 22)18 and 4 23)10688 24)2/3 25)1/8

26)0.098, 4/5, 0.809 27)\$518 28)24

29)55°

 $30)30 \div 10 = 3$

 $3 \times 3 = 9$

 $3 \times 2 = 6$

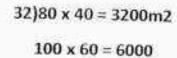
6x 9 = 54cm2

 $31)8 \div 2 = 4$

13 - 4 = 9

8 - 4 = 4

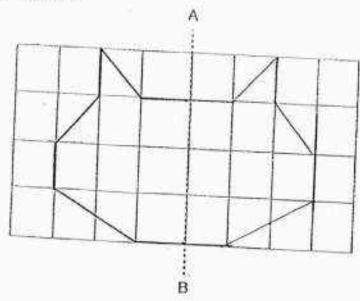
17 x 4 = 68cm



$$3.20 - 1.10 = 2.10$$
kg

$$3.80 + 3.57 = 7.37m$$

36)



37)120 / 165

38)13 hours

40)9.50 a.m.

$$41)12 \times 2 = 24$$

$$96 - 24 = 72$$

$$72 \div 4 = 18$$

$$18 + 12 = 30$$

Bala has 30 erasers at first.

$$2 + 5 = 7$$

161 adult tickers were sold.

$$43)12 \div 4 = 3$$

$$3 \times 2 = 6$$

Rena bought 6 lemons.

Shawn spend \$5.20 on the first day.

$$68 \div 4 = 17$$

$$17 - 11 = 6$$

$$11 \times 6 = 66 \text{cm} 2$$

The area of rectangle D is 66cm2



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name :	(3
Class : Primary 4 /	=3500	333
Date : 26 October 2016	X	
BOOKLET A		
20 Questions 40 Marks Duration of Paper : 1 hour 45 minutes	S 9 3	
Note:		
Do not open this Booklet until you are Read carefully the instructions given.	told to do	so.

3. Do not waste time. If a question is difficult for you,

4. Check your answers thoroughly and make sure you

(b) Questions 1 to 20

go on to the next one.

attempt every question.

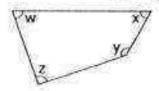
of each part of the Booklet.

Questions 1 to 20 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.

(40 marks)

- 33 thousands and 9 tens is the same as _ 1
 - (1) 339
 - (2)3 390
 - (3)33 009
 - (4)33 090
- Which of the following is a factor of both 18 and 24? 2
 - (1) 6
 - (2) 8
 - (3) 9
 - (4) 12
- How many one-fifths are there in 2 wholes?
 - (1) $2\frac{1}{2}$
 - (2)
 - (3) 5
 - (4) 10
- Find the value of $\frac{7}{12} \frac{1}{4}$
 - (1) $\frac{1}{2}$ (2) $\frac{2}{3}$ (3) $\frac{1}{3}$ (4) $\frac{3}{4}$

5 In the figure below, which angle is greater than a right angle?



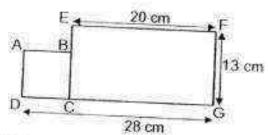
- (1) ZW
- (2) ∠x
- (3) Zy
- (4) ZZ
- 6 Write $6\frac{3}{20}$ as a decimal.
 - (1) 6.32
 - (2) 6.3
 - (3) 6.15
 - (4) 6.015
- 7 Mrs Lam had 3 boxes of candies. There were 570 candies in each box. She repacked them into small packs of 6 candies each. How many small packs of candies did she have?
 - (1) 95
 - (2) 190
 - (3) 285
 - (4) 561
- 8 The table below shows the number of broken eggs in each tray.

Number of broken eggs in a tray	0	1	2	3	4
Number of trays	45	30	10	8	5

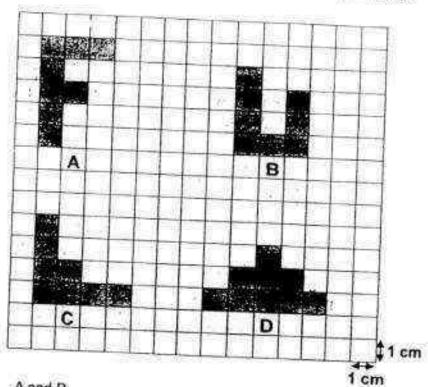
How many trays contain at least 2 broken eggs?

- (1) 10
- (2) 13
- (3) 18
- (4) 23

9 The figure below is made up of a square ABCD and a rectangle EFGC. Find the length of BE.

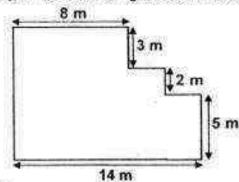


- (1) 5 cm
- (2) 7 cm
- (3) 8 cm
- (4) 12 cm
- 10 Which two figures have the same area but different perimeter?

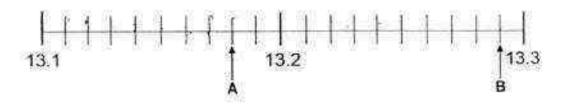


- (1) A and B
- (2) A and C
- (3) B and D
- (4) C and D

11 Find the perimeter of the figure shown below.

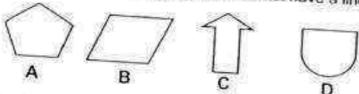


- (1) 32 m
- (2) 42 m
- (3) 48 m
- (4) 50 m
- 12 What is the difference between A and B in the number line shown?

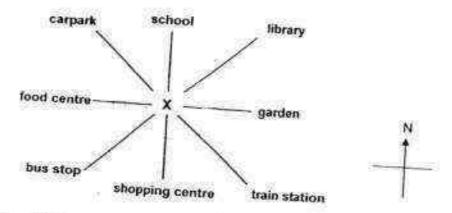


- (1) 0.01
- (2) 0.09
- (3) 0.11
- (4) 0.9
- 13 Teck Wee had \$5.00. He bought a pen with a two-dollar note, 4 twenty-cent coins and 3 five-cent coins. How much did he have left?
 - (1) \$2.05
 - (2) \$2.15
 - (3) \$2.95
 - (4) \$3.95
- 14 A movie ended at 00 15 the next day. Given that the duration of the movie was 2h 20 min, at what time did the movie start?
 - (1) 2.35 a.m.
 - (2) 2.35 p.m.
 - (3) 9.55 a.m.
 - (4) 9.55 p.m.

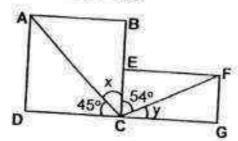
15 Which one of the following figures does not have a line of symmetry?



- (1) A
- (2) B
- (3) C
- (4) D
- 16 Mark was at point X facing the food centre. He wanted to go to the library. In which direction should he turn?



- (1) 45° clockwise
- (2) 135° anti-clockwise
- (3) 225° anti-clockwise
- (4) 315° clockwise
- 17 The figure below, not drawn to scale, shows a square ABCD and a rectangle EFGC. Find ∠x + ∠y.



- (1) 36°
- (2) 810
- (3) 990
- (4) 1190

18	Rajah took a quiz. For every correct answer, he was awarded 5
	points. For every wrong answer, 3 points were deducted. 4 out of the 20 questions he answered were wrong. How many points did he
	score?

- (1) 20
- (2) 60
- (3) 68
- (4) 88
- Apples are sold in packets of 8. Mrs Tan wants to give 3 apples to every elderly in her neighbourhood. There are 45 elderly in all. How many packets of apples should she buy?
 - (1) 11
 - (2) 12
 - (3) 16
 - (4) 17
- 20 Mr Smith boarded a plane at 9.45 p.m. He reached his destination at 5.20 a.m. How long was his journey?
 - (1) 4 h 25 min
 - (2) 7 h 35 min
 - (3) 14 h 25 min
 - (4) 15 h 05 min



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Class : Primary 4 /	
Date : 26 October 2016	
BOOKLET B	
28 Questions 60 Marks	
ou marks	0
In this booklet, you should have the following:	
(a) Page <u>7</u> to Page <u>17</u>	
(b) Questions 21 to 48	

MARKS

Name :

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Questions 21 to 30 carry 1 mark each. Questions 31 to 40 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.

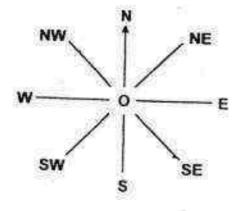
(30 marks)

21 Find the sum of the first two common multiples of 4 and 6.

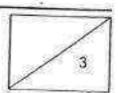
Ans:				
	7.7	100	_	ĕ

Bala went to a school concert. The concert started at 19 00. Every performance item lasted for 20 minutes. There was a 5 minute break after the 3rd item. What time would the 4th item start?

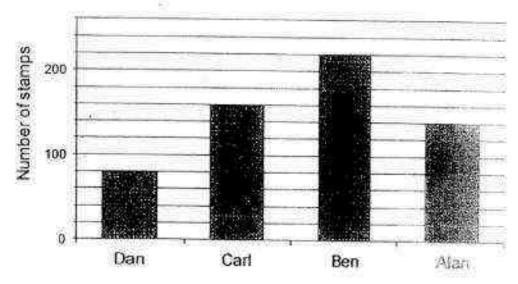
Ans:				
ruis.	-			_



Ans: ____



The bar graph below shows the number of stamps collected by four beys. Study the graph carefully and use it to answer Questions 24 to 27.



24 Which boy collected half as many stamps as Carl?

Ans:		
		 -

25 How many stamps did the four boys collect altogether?

Ans:		

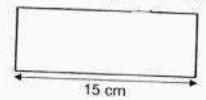
26 How many stamps must Ben give Alan so that they have the same number of stamps?

Ans: _____

27 Dan wanted to raise \$500 for charity. If he sold all his stamps at \$4 each, how many more stamps must he collect?

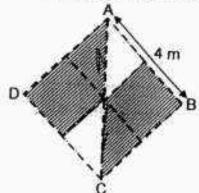


28 The perimeter of the rectangle is 42 cm. Find its area.



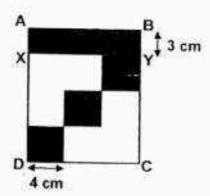
Ans:	28350W
-	cm ²

29 Peter painted a logo for his company on a square board ABCD as shown. Find the area of the shaded parts of the logo.



A	
Ans:	m²

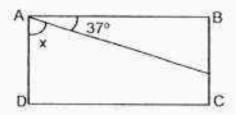
30 The figure below shows a rectangle ABCD. It contains rectangle ABYX and 3 similar squares. Find the area of rectangle ABCD.



Ans: cm

31	Write seventeen thousand and eighty-two in figures.
	Ans:
32	Write the missing number in the number pattern below.
	2 639 , 2 789 , 2 939 , , 3 239
	Ans:
33	Round off 63 410 to the nearest hundred.
	Ans:
34	Arrange the following fractions from the greatest to the smallest.
	$\frac{1}{2} \cdot \frac{3}{4} \cdot \frac{5}{12}$
	Ans: (greatest) (smallest)
5	What is the value of $\frac{5}{8} + \frac{3}{4}$?
	Express your answer as a mixed number.
	Ans:

36 The figure below, not drawn to scale, shows a rectangle ABCD. Find the value of ∠x.



Ans:

37 What is the missing number in the box?

Ans: _____

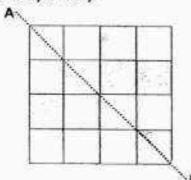
38 8.4 - 0.93 =

Ans:

39 Find the value of 7.83 x 6.

Ans: _____

40 Shade two more unit squares to make the figure symmetrical, Line AB is the line of symmetry.



Questions 41 to 48 carry 3 or 4 marks	each. Show your working clearly in the
space below each question and write	your answers in the spaces provided.
	(30 marks)

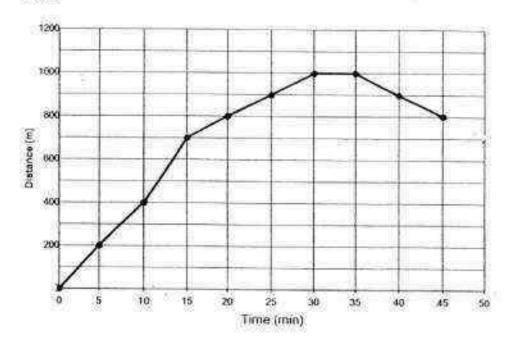
Maria needed to mix some red paint and white paint to get pink paint. She mixed 5.23 f of red paint and 3 times as much white paint into a container. After mixing, she poured the pink mixture equally into 5 tins. How much pink paint was there in 1 tin? Round off your answer to 2

N	
Ans:	2.43
	[4]

42 Mdm Sim spent a total of \$116.50 on a bolster and 6 identical pillows. A bolster cost \$1.80 less than a pillow. How much did she pay for a pillow?

Ans: ______(4

43 The line graph below shows the distance from Josh's house during his walk.



- (a) What was the increase in distance from Josh's house from the 5th to the 20th minute? (2m)
- (b) Josh was 700 m away from his house at the 50th minute. Mark a cross (X) on the line graph above to show the distance from Josh's house at the 50th minute. (2m)

44	Mrs Devi needs 5 m of ribbon to decorate a Christmas tree and two
	similar gifts. For each gift, she needs $\frac{7}{9}$ m of ribbon. How much ribbon will she need to decorate the Christmas tree? Express your answer as a mixed number.

Ans:	
Alia.	[3]
	10

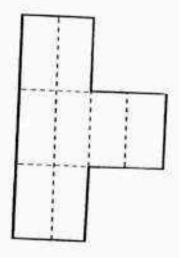
Mr Wee had 238 durians. He sold ²/₇ of them and shared the rest equally among his 10 neighbours. How many durians did each neighbour get?

Ans:	[4]

Bob	has 228 re	d and green	marbles, H	e has five	times as many r	
marbles as green marbles.						
(a)	How many	red marble	s does Bob h	ave?		
(b)	How many half as ma	y more gree iny green ma	n marbles s arbles as red	hould he l marbles?	buy so that he h	
				55	5	
			Ans	(a)	(;	
			Ans:	(b) _.	[2	
Durie 3 tie:	ng a sale, 1 s for \$710. I	shirt and 1 t How much d	ie cost \$187 id she pay fo	. Mrs Goh r a tie?	bought 4 shirts a	
		17				
		22				

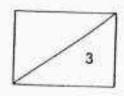
Ans:

48 The figure below is made up of identical rectangles. The length of the rectangle is twice of its breadth. The area of the figure is 256 cm².
What is the perimeter of the figure?



Ans:	10
	 [3

End of Paper



YEAR : 2016

LEVEL : PRIMARY 4

SCHOOL : RED SWASTIKA SUBJECT : MATHEMATICS

TERM : SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	QIO
4	1	4	3	3	3	3	4	1	2
Q11	Q12	Q13	Q14	Q15	Q16		Q18	Q19	020
3	3	1	4	2	3	2	3	4	2

Booklet B

Q21 Multiples of $4 \rightarrow 8, 12, 16, 20, 24, 28, 32, 36, 40$

Multiples of $6 \rightarrow \underline{6}, 12, 18, 24, 30, 36, 42, 48, 54, 60$

1

12 % 24

 $12 + 24 \Rightarrow 36$

Q22 20 05

Q23 North-East

Q24 Dan

Q25 600 stamps

Q26 40 stamps

Q27 45 more stamps

Q28 90 cm²

Q29 12 m²

Q30 8 + 4 = 12

12 + 3 = 15

12 x 15 ⇒ 180 cm²

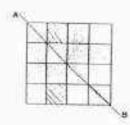
Q31 17 082

Q32	3 089

Q34
$$\frac{3}{4}, \frac{1}{2}, \frac{5}{12}$$

Q35
$$1\frac{3}{8}$$

Q40



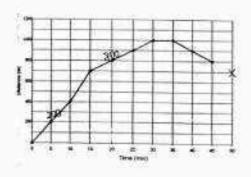
Q41 5.23 x 3 = 15.69
15.69 + 5.23 = 20.92
20.92 + 5 = 4.184
$$\approx$$
 4.18 ℓ

Q42
$$116.50 + 1.80 = 118.30$$

 $118.30 + 7 \Rightarrow 16.90

Q43 (a)
$$800 - 200 \Rightarrow 600 \text{ m}$$

(b)



Q44
$$\frac{7}{9} + \frac{7}{9} = \frac{14}{9} \rightarrow 1\frac{5}{9}$$

5 m - $1\frac{5}{9}$ m $\Rightarrow 3\frac{4}{9}$ m

Q45
$$238 \div 7 = 34$$

 $34 \times 2 = 68$
 $238 - 68 = 170$
 $170 \div 10 \Rightarrow 17 \text{ durians each}$

Q46 (a)
$$228 \div 6 = 38$$

 $38 \times 5 \Rightarrow 190 \text{ red marbles}$

Q47
$$187 \times 3 = 561$$

 $710 - 561 = 149$
 $187 - 149 \Rightarrow 38 per tie

Q48
$$256 + 4 = 64 \text{ cm}^2$$

 $\sqrt{64} \rightarrow 8$
 $8 \times 10 \Rightarrow 80 \text{ cm}$

End



Rosyth School Second Semestral Assessment 2016 Mathematics Primary 4

Name:		Total 100
Class: Pr 4	Register No	Duration: 1 h 45 min
Date: 24 October 2016	Parent's Si	gnature:

Instructions to Pupils:

- 1. Do not open this booklet until you are told to do so.
- 2. Follow all instructions carefully.
- 3. This paper consists of 3 parts, Sections A, B and C.
- For questions 1 to 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
- 5. ANSWER ALL THE QUESTIONS.

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

^{*} This paper consists of 23 printed pages altogether.

Section A

For questions 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) onto the Optical Answer Sheet provided. Each question carries 2 marks.

(40 marks)

1.	In w	hich of the following numbers does the digit 4 stand for 4000?
	(1)	2496
	(2)	4962
	(3)	6249
	(4)	9624
2,	35 4	179 rounded off to the nearest hundred is
	(1)	35 000
	(2)	35 400
	(3)	35 480
	(4)	35 500
3.	Whi	ch of the following is a factor of both 24 and 30?
	(1)	5
	(2)	6
	(3)	R

4. The figure shown is made up of identical squares.

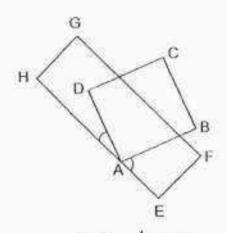
What fraction of the figure is shaded?



- (1) $\frac{4}{8}$
- $(2) \frac{4}{10}$
- $(3) \frac{4}{12}$
- (4) 8
- 5. Which of the following is **not** an equivalent fraction of $\frac{1}{4}$?
 - (1) $\frac{2}{8}$
 - (2) $\frac{3}{12}$
 - $(3) \frac{6}{24}$
 - $(4) \frac{4}{20}$

6.	Whi	ch of the following decimals is the greatest?
	(1)	0.369
	(2)	0.048
	(3)	0.359
	(4)	0.297
7.	And	rew and Cayden sold some lollipops at a fun fair. Andrew sold 1498
	lollip	oops. Cayden sold 268 fewer lollipops than Andrew, How many lollipops
	did t	they sell altogether?
	(1)	1230
	(2)	1766
	(3)	2728
	(4)	3264
8.	The	total cost of a dining table and 4 chairs is \$1085. The dining table costs 3
	time	es as much as a chair. Find the cost of the dining table.
	(1)	\$155
	(2)	\$217
	(3)	\$465
	(4)	\$771

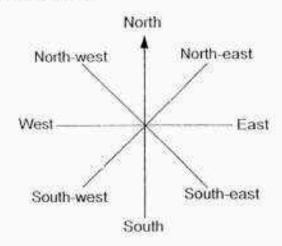
- 9. Mrs Lee baked an equal number of cookies and cupcakes at first. After she sold 23 cookies and 147 cupcakes, she had 3 times as many cookies as cupcakes. How many cupcakes did she bake at first?
 - (1) 62
 - (2) 85
 - (3) 209
 - (4) 232
- 10. The figure below is made up of a square ABCD and a rectangle EFGH.



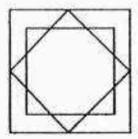
Find the sum of ZDAH and ZBAE.

- (1) 45°
- (2) 90°
- (3) 135°
- (4) 180°

11. Andy is now facing South-west after turning 270° anti-clockwise. What direction was he facing at first?



- (1) North
- (2) North-west
- (3) East
- (4) South-east
- 12. The figure below is made up of 3 squares.
 How many right angles are there in the figure?



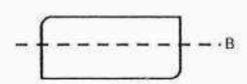
- (1) 8
- (2) 12
- (3) 16
- (4) 20

13. Which of the following dotted lines, A, B, C or D, is a line of symmetry?

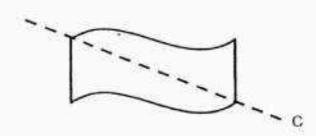




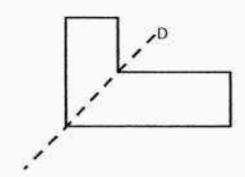
(2)



(3)



(4)



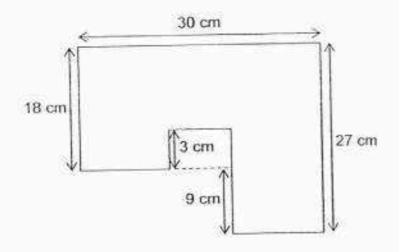
Please refer to the table below for questions 14 and 15.

The table below shows the number of boys and girls participating in certain games during Sports Day.

Game	Number of Boys	Number of Girls
Badminton	38	40
Captain's Ball	42	33
Soccer	32	37
Softball	39	38

- 14. Which game has the most number of participants?
 - (1) Badminton
 - (2) Captain's Ball
 - (3) Soccer
 - (4) Softball
- 15. How many more boys than girls are there during the Sports Day?
 - (1) 1
 - (2) 2
 - (3) 3
 - (4) 4

Find the perimeter of the figure shown below.



- (1) 87 cm
- (2) 90 cm
- (3) 114 cm
- (4) 120 cm

17. Mrs Tan bought 8 kg of grapes at \$6.35 per kg. How much did she spend altogether?

- (1) \$50.00
- (2) \$50.70
- (3) \$50.80
- (4) \$51.10

18.	Mdm Wakil bought 12.4 m of cloth to make a blouse and a skirt. She used
	3.6 m of it for the blouse. She used 2.8 m more cloth for the skirt than for the
	blouse. How much cloth had she left?
	(1) 2.4 m

- (2) 2.5 m
- (3) 6 m
- (4) 10 m
- 19. Stall A sells prawns at \$2.40 for every 100 g. Stall B sells 100 g of prawns at \$0.60 less than Stall B. How much will Mrs Hong spend if she buys 500 g of prawns from Stall B?
 - (1) \$8.00
 - (2) \$9.00
 - (3) \$12
 - (4) \$15.00
- 20. James' violin lesson was supposed to start at 5.15 p.m. His teacher started the lesson 25 minutes late. James' violin lesson lasted 1 h 30 min. What time did his lesson end?
 - (1) 5.40 p.m.
 - (2) 6.45 p.m.
 - (3) 7.00 p.m.
 - (4) 7.10 p.m.

Section B Questions 21 to 40 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. (40 marks)		Do not write in this space
All diagrams in this paper are not drawn to scale unless stated otherwise.		
21.	68 904 = 60 000 + 8000 + + 4 What is the missing number?	
	'Ans::	
22.	Write the missing number in the number pattern below. 12 000 , 11 600 , 11 200 , 10 800 , , 10 000	
	Ans:	
23.	Express $\frac{8}{24}$ in its simplest form.	
	Ans:	

24. What is the value of $\frac{5}{6} + \frac{2}{3}$?

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

Do not write in this space

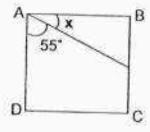
Ans: ____

Arrange the following fractions from the smallest to the greatest.

 $\tfrac{6}{7} \cdot \tfrac{2}{7} \cdot \tfrac{1}{2}$

Naces			
Ans:	(emalloct)		
	(smallest)	(greatest)	

ABCD is a square. Find ∠ x.



Ans: _____

27. Write 6 thousandths as a decimal.

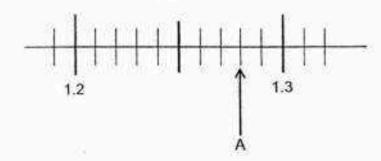
Do not write in this space

Ans:

28. Round off 16.59 to the nearest whole number.

Ans:

29. Write the decimal represented by A.



Ans: _____

(Go on to the next page)

31.	Judy had 5 m of ribbon at first. She used m of riboon on Monday and	
-1973	m of ribbon on Tuesday. What was the length of ribbon she had left? Express your answer as a mixed number in the simplest form.	
58	Ans:m	
32.	The figure below is made up of squares. Shade two squares to form a symmetric figure with AB as the line of symmetry.	

Do not write The bar graph below shows how Ravi spent all his pocket money. Study the graph carefully and answer questions 33 and 34. in this space \$45 540 \$35 \$30 \$25 \$20 \$15 \$10 \$5 50 Storybooks Stationery Food Transport What was the total amount of Ravi's pocket money? 33. Ans: \$ How much more did Ravi spend on buying storybooks than on stationery? 34. Ans: \$

35.	The figure shown below is made up of 4 similar rectangles. It has a perimeter of 48 cm. What is the area of one rectangle?	Do not write in this space
	Ans:cn	n²
36.	Look at the figure below. The figure has 12 identical squares. What is the perimeter of the figure? 16 cm	
	Ans: cm	

37.	A movie ended at 01 20 on the next day. The duration of the movie was 1 h 55 min. Using the 24-hour clock, what time did the movie start?	Do not write in this space
	Ans:	
38.	Kumar weighs 44.5 kg. His sister weighs 15.6 kg more than him. What is his sister's mass?	
	Ans:kg	
39.	Rose saves \$44.50 in a week, Mark saves \$60 in a week. How much more will Mark save than Rose in 8 weeks?	
	Ans: \$	

17

(Go on to the next page)

40.	Fatimah paid \$12.15 for 2 similar cans of drink and 3 similar cupcakes. If each cupcake costs \$3.25, how much does 1 can of drink cost?	Do not write in this space
	Ans: \$	

Section C For Questions 41 to 45, 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. All diagrams in this paper are not drawn to scale unless stated otherwise. (20 marks)		
41.	Jolene had \$539 and Eva had \$275 at first. After each of them spent the	
	same amount of money, Jolene had 4 times as much money as Eva. How	
	much money did each of them spend?	
	X2	1
	76 To 10 To	
		K
		-
	Ans: [4]	
=	. 19 (Ge on to the nex	t page)

42.	There are 58 chickens and pigs on a farm. They have a total of 164 legs.	Do not write
	How many chickens are there?	in this space
	Ans: [4]	
		4

43.	Mr Sim sold some fruits. $\frac{1}{6}$ of the fruits sold were durians. $\frac{1}{4}$ of the fruits
	sold were papayas and the rest were watermelons. Mr Sim sold 28 more
	watermelons than papayas. How many fruits did he sell altogether?

Do not write in this space

Ans:

(Go on to the next page)

[4]

James	3 cm		int
Figure 1	Figure 2	Figure 3	gure 4
Не гесо	rded the area and perimeter	of the first 3 figurous in al.	gare 4
Figure	Area of Figure		
17	9 cm ²	Perimeter of Figu	re
2	18 cm²	12 cm	
3	27 cm ²	18 cm	
4	36 cm ²	24 cm	
		3	
1000	1141		
8	240	V.	- N
95	33 4	1	4
8			Mu Mu
	?	?	
it is the a	erimeter of Figure 4? ea of Figure 8? erimeter of Figure 8?	*()	
it is the a	ea of Figure 8?		
it is the a	ea of Figure 8?		
it is the a	ea of Figure 8?		[1]
it is the a	ea of Figure 8?	Ans: a)	[1]
it is the a	ea of Figure 8?		

Do not write 45 The diagram below shows the price of muffins in this space Muffins for sale \$2.50 each First 6 muffins Additional muffins \$2 each a) What is the total cost of 6 muffins? b) If Mrs Raja has \$30, what is the greatest number of muffins she can buy? Ans: a) (0) ______[3]

End of Paper

YEAR

2016

SCHOOL

PRIMARY 4 ROSYTH

SUBJECT

MATHEMATICS

TERM

SA2

Section A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	2	3	4	1	3	3	3	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	2	1	1	3.	4	3	1	2	4

Section B

Q21 900

Q22 10 400

Q23 $\frac{1}{3}$

Q24 1 1 2

Q25 $\frac{2}{7}$, $\frac{1}{2}$, $\frac{6}{7}$

Q26 90°-55°⇒<u>35°</u>

Q27 0.006

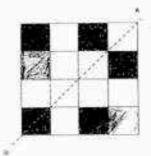
Q28 17

Q29 1.28

Q30 Multiple of 6 \rightarrow 6, 12, 18, 24, 30, 36} Factors of 48 \rightarrow 1, 2, 3, 4, 6, 8, 12, 16, 24, 48] \Rightarrow 24

Q31
$$\frac{\frac{1}{3} \to \frac{4}{12}}{\frac{1}{4} \to \frac{3}{12}}$$
$$\frac{\frac{1}{4} \to \frac{3}{12}}{\frac{1}{12} + \frac{7}{12}} = \frac{7}{12}$$
$$5 - \frac{7}{12} \Rightarrow 4\frac{5}{12} \text{ m}$$

Q32



Q38
$$44.5 \text{ kg} + 15.6 \text{ kg} \Rightarrow 60.1 \text{ kg}$$

Section C

Q41 Diff
$$\rightarrow$$
 \$539 - \$275 = \$264
3u \rightarrow \$264
1u \rightarrow \$264 + 3 = \$88
Spend \rightarrow \$275 - \$88 \Rightarrow \$187

Q42 Total
$$\rightarrow$$
 4 x 58 = 232
Extra \rightarrow 232 - 164 = 68
Difference \rightarrow 4 - 2 = 2
Opposite \rightarrow 68 ÷ 2 \Rightarrow 34 chickens

Q43
$$\begin{cases} 4u \rightarrow 28 \\ \times 3 \end{cases} \begin{cases} 12u \rightarrow 28 \times 3 \Rightarrow 84 \text{ fruits} \end{cases}$$

Q44 (a)
$$4+4+1+1 \rightarrow 10u$$

 $10 \times 3 \Rightarrow 30 \text{ cm}$

- (b) Area of 1 sq \rightarrow 3 x 3 = 9 Area of 8 sq \rightarrow 8 x 9 \Rightarrow 72 cm²
- (c) $8+8+1+1 \rightarrow 18u$ $18u \rightarrow 18 \times 3 \Rightarrow 54 \text{ cm}$

Q45 (a) 1 muffin
$$\rightarrow$$
 \$2.50
6 muffins \rightarrow \$2.50 x 6 \Rightarrow \$15

(b) Left → \$30 - \$15 = \$15 Add muffins → 15 + 2 = 7R1 No. of muffins → 6 + 7 ⇒ 13 +

ME / KO / CC / LYL/GAL

SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2016

PRIMARY 4

MATHEMATICS

BOOKLET A

Name :)	13 October 2016
Class : Primary 4 SY/C/G/SE/P			Parent's Signature
There are 15 questions in this booklet. SECTION A			
Total Time : 1 h 45 min (Booklet A a	nd B)		

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.
CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 5 printed pages.

Section A: (30 marks)

Questions 1 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.

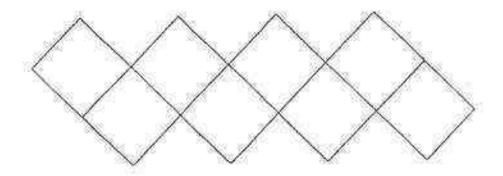
- 1. In the number 14 273, which digit is in the thousands place
 - (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
- 2. Which of the following numbers when rounded to the nearest hundred becomes
 - 51 200?
 - (1) 51 099
 - (2) 51 109
 - (3) 51 119
 - (4) 51 191
- Which of the following are common factors of 6 and 9?
 - (1) 1 and 2
 - (2) 1 and 3
 - (3) 12 and 36
 - (4) 18 and 36
- 4. Arrange the following fractions from the greatest to the smallest

$$\frac{1}{2}$$
, $\frac{3}{4}$, $\frac{5}{6}$

(8	reatest)	(s	mallest)
(1)	1 2	$\frac{3}{4}$	<u>5</u>
(2)	$\frac{1}{2}$	$\frac{5}{6}$	$\frac{3}{4}$
(3)	$\frac{3}{4}$,	$\frac{1}{2}$,	$\frac{5}{6}$
(4)	$\frac{5}{6}$,	$\frac{3}{4}$	1 2

5.	5. In the number 43.21, the digit	is in the hundredths place
	(1) 1	The state of the s
	(2) 2	
	(3) 3	
	(4) 4	
6.	6. What is the number when 187.45 is rounded	ed to 1 decimal place?
	(1) 187.4	CONTRACTOR STATE OF S
	(2) 187.5	
	(3) 188.4	
	(4) 188.5	
7.	Which of the following decimals is the small	lest?
	(1) 4.05	
	(2) 4.15	
	(3) 4.015	
	(4) 4.051	
8.	I am a number between 1 to 50. I am a mult	into of A and C Wheel
	by 5, there will be a remainder of 4. What no	imber am I?
	(1) 12	
	(2) 16	
	(3) 24	
	(4) 36	

 The figure below is made up of 8 identical squares. The area of the figure is 128 cm². Find the length of each square.



- (1) 8 cm
- (2) 9 cm
- (3) 3 cm
- (4) 4 cm
- 10. Casey placed the cake batter in the oven at 10 35 and she took the cake out at 11 20. How long did it take for the cake to bake?
 - (1) 20 minutes
 - (2) 25 minutes
 - (3) 45 minutes
 - (4) 85 minutes
- Rebecca had a total of \$10,50. After buying 3 files and 1 pen, she had \$3.50 left. Each file cost twice as much as a pen. How much does each pen cost?
 - (1) \$1.00
 - (2) \$2.00
 - (3) \$1.75
 - (4) \$2.80

- 12. Mrs Morris sold $\frac{3}{4}$ of her pies. What fraction of the pies did she have left?
 - (1) $\frac{1}{3}$
 - (2) $\frac{1}{4}$
 - (3) $1\frac{1}{2}$
 - (4) $1\frac{3}{4}$
- 13. Which of the following figures has perpendicular lines?
 - (1)

(2)

(3)

- (4) **Y**
- 14. One cupcake costs \$1.50. For every 4 cupcakes bought, she receives the next cupcake free. Jane spent \$13.50 on cupcakes. How many cupcakes did she have altogether?
 - (1)9
 - (2) 10
 - (3) 11
 - (4) 15

- 15. Linda gave $\frac{1}{2}$ of a pizza to her neighbour and ate $\frac{1}{3}$ of the pizza. Find the fraction of the pizza left.
 - (1) $\frac{1}{5}$
 - (2) $\frac{2}{5}$
 - (3) $\frac{1}{6}$
 - (4) $\frac{5}{6}$

End of Section A

ME / KO / CC / LYL/GAL

SINGAPORE CHINESE GIRLS' SCHOOL SECOND SEMESTRAL ASSESSMENT 2016

PRIMARY 4

MATHEMATICS

BOOKLET B

THE ATTACKS OF THE THE	i i	13 October 2016
Name :	A Committee of the Comm	

Class : Primary 4 SY/CIG/SE/P

		Marks attained	Max Mark
Booklet A	Section A		30
Booms.	Section B		40
Booklet B	Section C		30
Te	ital		100

Parent's	s Sign	ature
	- 2	

There are 28 questions in this booklet. SECTION B and C.

Total Time: 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO. FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

This question paper consists of 11 printed pages.

Section B: (40 marks)

Do not write In this column

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

16. Fill in the blank with the correct number in the number pattern below.

4242 . 4742 . 5242 . ____ . 6242 . 6742

Ans:

17. Write $\frac{3}{4}$ as a decimal,

Ans:____

18. Which two of the following fractions below are in the simplest form?

Ans: and

19. Find the value of $\frac{1}{3} + \frac{5}{12}$. Express your answer in simplest form.

Ans: ____

Arrange the following numbers from the smallest to the greatest.

0.16 , 0.61 , 0.161, 0.601

Ans: ____, ____, ____ (greatest)

10

21. Which of the fractions below is equivalent to 8?

Do not write In this column

$$\frac{10}{3}$$
 , $\frac{16}{2}$, $\frac{20}{4}$, $\frac{25}{3}$

Ans:

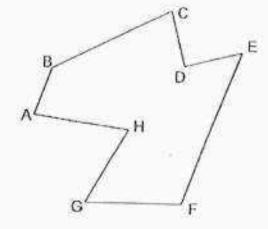
22. Find the value of 7,19 x 4.

Ans:

23. Allyson had \$50. She spent $\frac{2}{5}$ of it on a toy and \$7 on a book. How much did she spend altogether?

Ans:\$ _____

24. In the figure below, one of the lines is parallel to AB.
Which line is parallel to AB?



Ans: Line



Do not write In this column A survey was done in 2015 to find out the type of houses people live in. Study the graph carefully and answer questions 31 and 32. Landed Property Types of Houses Condominium HD8 3- to 5-Room Flat HD8 1- & 2-Rodm Flat 10 15 20 25 30 Number of Families 31. Find the total number of families living in HDB flats. Ans: 32. more families living in condominiums than in landed There are properties. Ans:

		Ans:	years old	
The tal	ole below shows how Bryan	spends his monthly allow	ance.	
	Expenditure	Amount (\$)		
	Transport	?		
	Food	82		
	Books	?		
	Total amount:	280		
	hat the amount spent on tra amount Bryan spends on t		spent on food,	
		oooks.	spent on food,	
Find the		oooks. Ans;\$_	spent on food,	
Find the	amount Bryan spends on t	oooks. Ans;\$_	spent on food,	
Find the	amount Bryan spends on t	oooks. Ans;\$_	spent on food.	

Class: Primary 4 SY / C / G / SE / P						
For q quest	on C: (30 marks) uestions 36 to 43, show your working clearly in the space pro tion and write your answer in the space provided. The number able is shown in brackets [] at the end of each question or p	r of marks				
36.	In a game of treasure hunt, Ashley, Bob and Candice found 190	treasures				
	altogether. Ashley found twice as many treasures as Bob. Candi	ice found 30				
	less treasures than Bob. How many treasures did Bob find?					
37.	Ans: A wire is bent to form the shape of a square with sides measuring same wire is then bent to form the triangle shown below. (Diagram)	AND THE REAL PROPERTY OF THE PARTY OF THE PA				
37.	A wire is bent to form the shape of a square with sides measuring same wire is then bent to form the triangle shown below. (Diagradiawn to scale)	g 6 cm. The				
37.	A wire is bent to form the shape of a square with sides measuring same wire is then bent to form the triangle shown below. (Diagradiawn to scale)	g 6 cm. The				
37.	A wire is bent to form the shape of a square with sides measuring same wire is then bent to form the triangle shown below. (Diagradrawn to scale) 6 cm ? 12 cm (a) What is the perimeter of the square?	g 6 cm. The				
37.	A wire is bent to form the shape of a square with sides measuring same wire is then bent to form the triangle shown below. (Diagradiawn to scale)	g 6 cm. The				
37.	A wire is bent to form the shape of a square with sides measuring same wire is then bent to form the triangle shown below. (Diagradrawn to scale) 6 cm ? 12 cm (a) What is the perimeter of the square?	g 6 cm. The				

38.	45 children attended a party. $\frac{4}{9}$ of the children were boys and the remaining
	children were girls. Each boy received 5 stickers and each girl received 8
	stickers. How many stickers were given away?

335

Do not writ In this colo

CONTRACTOR OF THE PROPERTY OF	vancai
Ans:	[4]
41.744)	100

39. Use the information below to answer question 39.

For 2 persons	Set Meal B; \$32.50 For 4 persons	For 8 persons
 2 plates of spaghetti 2 fish fingers 2 salad 1 small pizza 	4 plates of spaghetti 4 fish fingers 4 salads 1 medium pizza	6 plates of spaghetti 8 fish fingers 8 salad 2 large pizzas

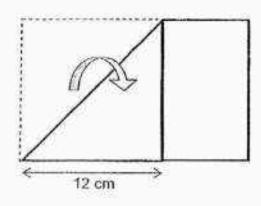
Mrs Lee wants to order food for 14 children at a party. Each child must get a plate of spaghetti. What is the least amount of money she has to spend for the party?

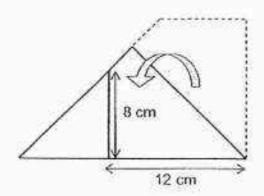
		1
Ans:	[4]	8

40. A rectangular piece of paper was folded twice as shown below.

- (a) Find the perimeter of the paper before it was folded.
- (b) Find the area of the rectangular piece of paper.

Do not write In this colun





Ans: (a) ______[2

(b) _____[2]

41.	Gordan and Harry had 340 marbles altogether. After Gordan gave away $\frac{2}{5}$ of his marbles and Harry gave away 20 of his marbles, they had the same number of marbles left. How many marbles did Harry have in the end?	Do not wri
	Ans:[4]	
42.	Minnie was in school from 07 30 to 15 15. She had a 15 minute snack break, a 30 minute recess and a 35 minute lunch break. The rest of the time were spent attending classes. (a) How much time did Minnie spend attending classes?	
	After school, Minnie took 40 minutes to reach home. (b) What time did Minnie reach home? Leave your answer in 24-hour clock.	
	Ans: (a)[2]	
	(b)[2]	8

		Do not write
43.	40 pupils in class 4A scored 380 points in a contest. Each girl scored 10 points	un this column
W-00	and each boy scored 8 points. How many girls are there in class 4A?	
	City Court and	
		1
	2	1
		1
		1
		1
		1
		1
		1
		1
	Statement in	
	Ans:	144
		1/4
		V

End of paper. Please check your work.

EXAM PAPER 2016 (P4)

SCHOOL: SCGS

SUBJECT: MATHEMATICS

TERM: SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	4	2	4	1	2	3	3	4	3
Q11	Q12	Q13	Q14	Q15					
-	-		3	3					

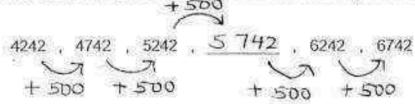
Corrections SA2

Do not write: In this column.

Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Fill in the blank with the correct number in the number pattern below. 16.

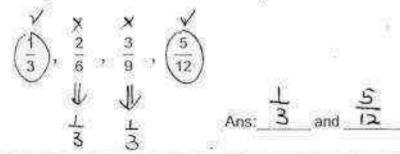


Ans: 5742

17. Write $\frac{3}{4}$ as a decimal.

Ans: 0.75

Which two of the following fractions below are in the simplest form?



Find the value of $\frac{1}{3} + \frac{5}{12}$. Express your answer in simplest form.

$$\frac{4}{12} + \frac{5}{12} = \frac{9}{12}$$
$$= \frac{3}{4}$$

Arrange the following numbers from the smallest to the greatest.

0.16 , 0.61 , 0.161, 0.601

Do not write

21. Which of the fractions below is equivalent to 8?

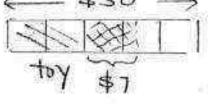


Ans: 2

22. Find the value of 7.19 x 4.

Ans: 28.76

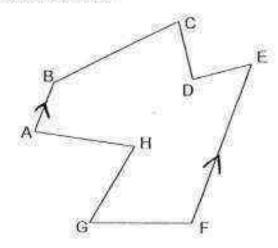
23. Allyson had \$50. She spent $\frac{2}{5}$ of it on a toy and \$7 on a book. How much did she spend altogether?



24 - \$10x2 =\$20

Ans:\$ 27

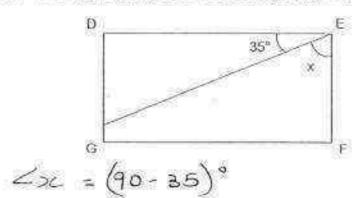
24. In the figure below, one of the lines is parallel to AB.
Which line is parallel to AB?



Ans: Line FE

25. In the figure shown, DEFG is a rectangle. Find Zx.

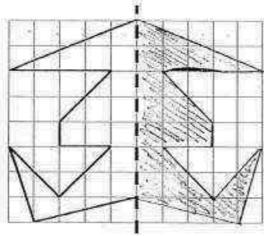
S 875



Do not write In this column

Ans: 55

26. Shade and complete the figure to form a symmetric shape along the dotted line.



27. Packet drinks were sold at 7 packets for \$8.40. If Madam Pang bought 42 packet drinks, how much did she spend?

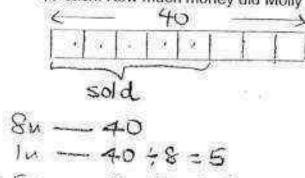
Ans: \$ 50.40

28. Siti has 3 m of ribbon. She used $\frac{1}{2}$ of it to tie a parcel. She used another $\frac{1}{4}$ m

to make a bow. How much of the ribbon did she use? Parcel - 1x3m = 1= m

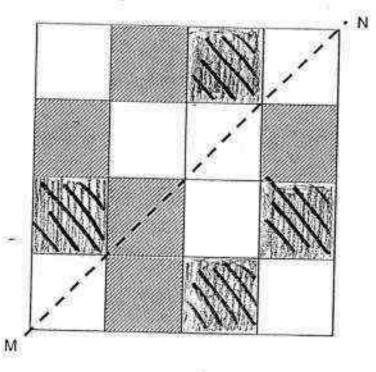
Molly baked 40 pies for a carnival. She sold $\frac{5}{8}$ of her pies. Each pie is sold at

\$6 each. How much money did Molly receive?



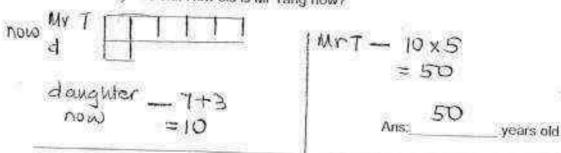
54 - 5x5 = 25

Line MN is a line of symmetry. Shade 4 more squares in the space provided 30. to complete a symmetrical figure.



Do not write In this column A survey was done in 2015 to find out the type of houses people live in. Study the graph carefully and answer questions 31 and 32. Landed Property Types of Houses Condominium HDB 3 to 5 Room Flat HDB 1- & 2-8odm Flat 25 20 15 10 5 Number of Families Find the total number of families living in HDB flats. 5+26 - 3 31 Ans. more families living in condominiums than in landed There are 32. properties.

33. Mr Tang is 5 times as old as his daughter now. 3 years ago, his daughter was 7 years old, How old is Mr Tang now?



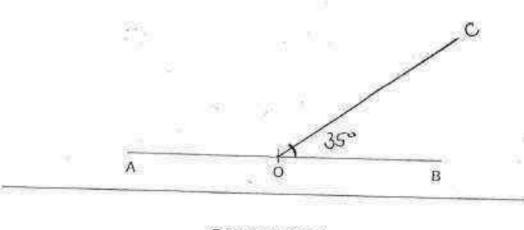
34. The table below shows how Bryan spends his monthly allowance.

Expenditure	Amount (\$)
Transport	7 24
Food	82 14
Books	?
Total amount:	280

Given that the amount spent on transport is twice the amount spent on food. Find the amount Bryan spends on books.

10

Draw and label ∠BOC measuring 35°.



End of Section B

[3]

Name:_____()

Class: Primary 4 SY / C / G / SE / P

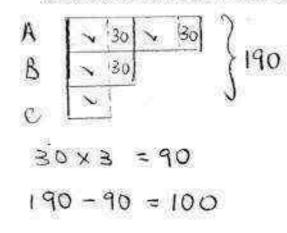


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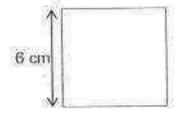
Section C: (30 marks)

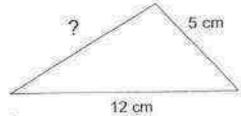
For questions 36 to 43, show your working clearly in the space provided for each question and write your answer in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

36. In a game of treasure hunt, Ashley, Bob and Candice found 190 treasures altogether. Ashley found twice as many treasures as Bob. Candice found 30 less treasures than Bob. How many treasures did Bob find?



37. A wire is bent to form the shape of a square with sides measuring 6 cm. The same wire is then bent to form the triangle shown below. (Diagrams are not drawn to scale)

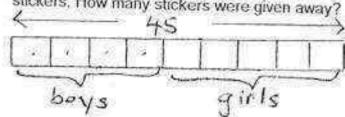




- (a) What is the perimeter of the square?
- (b) Find the missing length of the triangle.

Ans: (a)	24 cm	[1]
(b) _	Tim	[2]

38. 45 children attended a party. $\frac{4}{9}$ of the children were boys and the remaining children were girls. Each boy received 5 stickers and each girl received 8 stickers, How many stickers were given away?



Use the information below to answer question 39.

Set Meal A: \$16.50	Set Meal B: \$32,50	Set Meal C: \$69.50
For 2 persons	The state of the s	For 8 persons
 2 plates of spaghetti 2 fish fingers 2 salad 1 small pizza 	 4 plates of spaghetti 4 fish fingers 4 salads 1 medium pizza 	6 plates of spaghetti 8 fish fingers 8 salad 2 large pizzas

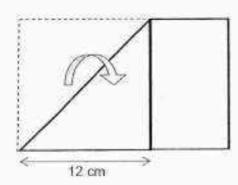
Mrs Lee wants to order food for 14 children at a party. Each child must get a plate of spaghetti. What is the least amount of money she has to spend for the party?

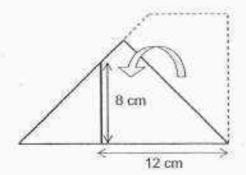
3 sets B and 1 set A

A rectangular piece of paper was folded twice as shown below. 40.

- (a) Find the perimeter of the paper before it was folded.
- (b) Find the area of the rectangular piece of paper.

Do not write In this colun



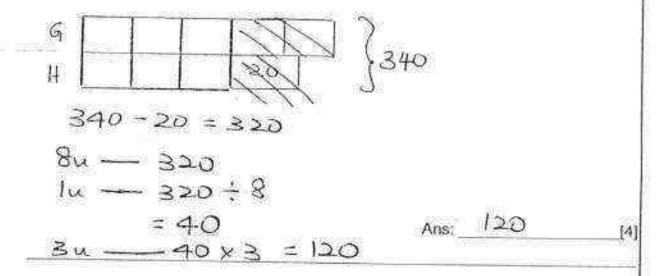


a)
$$P = 20 + 20 + 12 + 12$$

= 64 cm

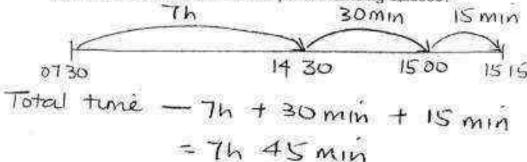
Do not wr In this col

41. Gordan and Harry had 340 marbles altogether. After Gordan gave away ²/₅ of his marbles and Harry gave away 20 of his marbles, they had the same number of marbles left. How many marbles did Harry have in the end?



42. Minnie was in school from 07 30 to 15 15. She had a 15 minute snack break, a 30 minute recess and a 35 minute lunch break. The rest of the time were spent attending classes.

(a) How much time did Minnie spend attending classes?



After school, Minnie took 40 minutes to reach home.

(b) What time did Minnie reach home? Leave your answer in 24-hour clock,

a) 7h 45 min - 1h 20 min = 6h 25 min 40 min

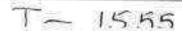
1555

Ans: (a) 64 25 min[2]

(b) IS 55 p

/8

(ط



15 15

43. 40 pupils in class 4A scored 380 points in a contest. Each girl scored 10 points in this column and each boy scored 8 points. How many girls are there in class 4A?

Boys	Girls	Total 380	Check
20 x 8	20 × 10	160 + 200	×
= 160	= 200	= 360	
15 x 8	= 720	120+250	У
=120	= 720	= 370	
8 × 01	= 300	\$0+300 80+300	/

End of paper.

Please check your work.



PRIMARY 4 END-OF-YEAR EXAMINATION 2016

Name :() Date: <u>24 October 2016</u>
Class: Primary 4 ()	Time: 8.00 a.m 9.00 a.m.
Parent's Signature :	/ 100

MATHEMATICS PAPER 1

(Booklet A and Booklet B)

Time for Paper 1 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	20
Booklet B	40
Total for Paper 1	60

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Shade the correct aval (1, 2, 3 or 4) on the Optical Answer Sheet.

	THE PROPERTY OF THE PROPERTY O
1	F.F. Harris and the month of the control of
No.	55 thousands and 9 tens is the same as
17707	THE PARTY OF THE P

- (1) 559
- (2) 5590
- (3) 55 009
- (4) 55 090

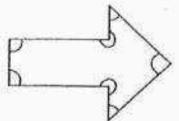
2.	31 756 rounded to the nearest hundred is	
----	--	--

- (1) 31 700
- (2) 31 760
- (3) 31 800
- (4) 32 000

- (1) 17
- (2) 21
- (3) $2\frac{1}{3}$
- $\{4\}$ $\frac{3}{7}$

- (1) ones
- (2) tenths
- (3) hundredths
- (4) thousandths

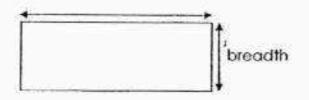
- Which of the following fractions is not in its simplest form?
 - (1) $\frac{2}{3}$
 - (2) $\frac{4}{5}$
 - (3) $\frac{7}{10}$
 - (4) $\frac{3}{12}$
- 6. Which of the following figures has perpendicular lines?
 - (1)
 - (2)
 - (3)
 - (4)
- In the figure, how many of the marked angles are right angles?
 - (1) 5
 - (2) 2
 - (3) 3
 - (4) 4



8.	The figure has a perimeter of 48 cm. The length is thrice its breadth.
	What is the length?



- (2) 16
- (3) 12
- (4) 8



9. Kelvin has a total of 14 twenty-cent stamps and fifty-cent stamps. The total value of the stamps is \$4. How many twenty-cent stamps does Kelvin have?

- (1) 10
- (2) 8
- (3) 6
- (4) 4

10. The mass of a watermelon is 3.8 kg. The mass of a durian is 1.5 kg lighter than the watermelon. What is their total mass?

- (1) 2.3 kg
- (2) 5.3 kg
- (3) 6.1 kg
- (4) 9.1 kg

<u>Tao Nan School</u> Primary 4 Mathematics End-of-Year Examination 2016

Paper 1 (Booklet B)

Each question carries 2 marks. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

11.	Write	the n	nissing	number in	the	number	pattern	below
-----	-------	-------	---------	-----------	-----	--------	---------	-------

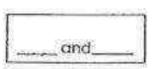


 Some factors of 20 are 1, 2, 10 and 20. What are the other two factors of 20?

2001		
· é	one	10.70

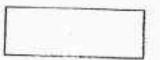
13. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{2}{5}$$
 , $\frac{3}{4}$, $\frac{4}{8}$, $\frac{5}{12}$

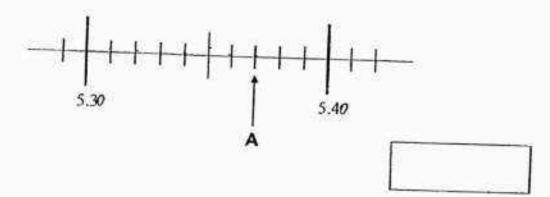


14. What is the value of $\frac{8}{9} + \frac{1}{3}$?

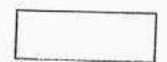
Express your answer as a mixed number.



Write the decimal represented by A.



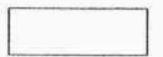
Write 8 thousandths as a decimal.



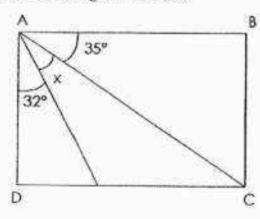
 Arrange the following numbers in order from the smallest to the greatest.

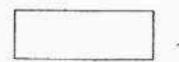
0.862 , 2.4 , 0.903 , 0.095

18. Find the value of 5.78 x 6.

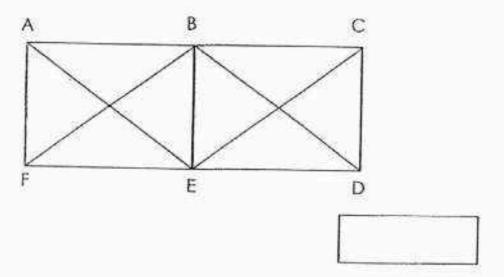


19. ABCD is a rectangle. Find ∠x.





20. In the figure, one of the lines is parallel to BD.
Which line is parallel to BD?



Ye Ming is facing the West. He makes a 90° clockwise turn.

Then he makes a $\frac{3}{4}$ - turn in an anti-clockwise direction.

Which direction does he end up facing?



22. I have a number. The number has 4 digits. The digit 8 stands for 8 hundredths. The digit 5 is in the tens place. The digit 9 is in the ones place. The digit 0 is in the tenths place. What is the number?



Complete the table.

Activity	Starting Time	Finishing Time	Duration
Studying	08 50	10 20	
Playing Games		20 30	1 h 45 min

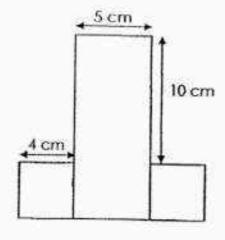
24. The Chin family attended a birthday dinner that ended at 8.35 p.m. However, the clock was 10 minutes slower. The dinner lasted 1 h 30 min. What was the actual time the dinner started?

p.m.

25. Father took a flight from Singapore at 23 30 on Sunday. He arrived in Hong Kong 7 hours later. When did he arrive in Hong Kong?

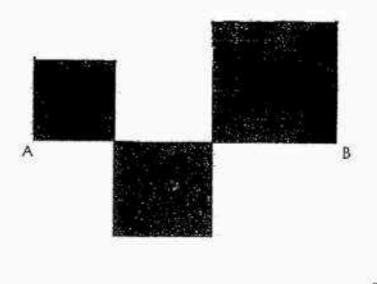
Day :	
DOY	-

The figure shown is made up of 2 similar squares and a rectangle.
 Find the area of the whole figure.





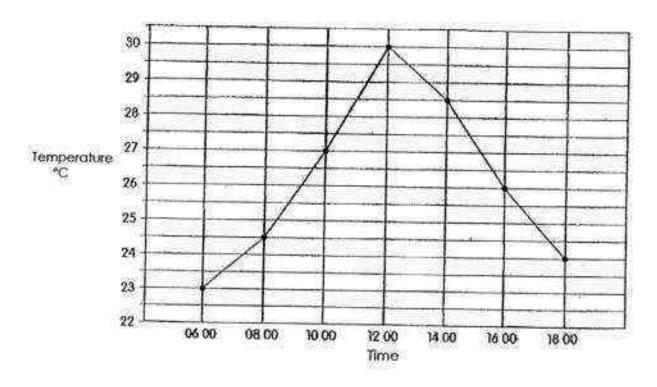
 The figure is made up of 3 squares. The length of AB is 8 cm. Find the perimeter of the figure.



cm

Use the bar graph below to answer questions 28 to 29.

The line graph below shows the temperature from 06 00 to 18 00 on a Sunday. Study it carefully and answer the following questions.



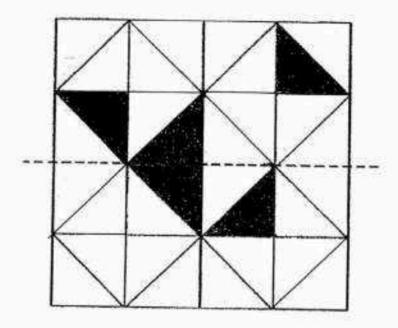
 Find the difference between the highest and lowest temperature on that day.

	°C
1	

 In which two-hour period did the temperature increase the most? (Express your answer using the 24-hour clock.)

22	
to	

30. Shade 3 more triangles so that the pattern formed is symmetric.



End of Paper



PRIMARY 4 END-OF-YEAR EXAMINATION 2016

Name:) Date: <u>24 October 2016</u>
Class: Primary 4 ()	Time: 10.30 a.m 11.30 a.m.
Parent's Signature :	Marks: / 40

MATHEMATICS PAPER 2

Time for Paper 2 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Questions 1 to 10 carry 4 marks each. Show your w	rorking clearly in the space provided
for each question and write your answers in the sp	
require units, give your answers in the units stated.	

1. A packet of mixed nuts contains $\frac{1}{2}$ kg of almonds, $\frac{1}{8}$ kg of walnuts and $\frac{3}{4}$ kg of cashew nuts. What is the total mass of the packet of mixed nuts? (Leave your answer in the simplest form.)

Ans:____

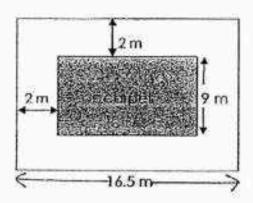
 Devi and Mimi collected 75 stickers altogether. After Mimi bought 5 more stickers. Devi then had 3 times as many stickers as Mimi. How many stickers did Mimi have at first?

Ans:

	,			- 16411							
						1,]	
							Ans:	-			
Unal		sold 88 c	urry pu	uffs in th	ne mor	ning.	This wo	ns 2 o	f the	curry pr	uffs h
OHGH	e lobby s	Uncle Tobby sold 88 curry puffs in the morning. This was $\frac{2}{5}$ of the curry puffs he had. He sold the rest in the atternoon.									
				afterno	on.			25.0			
	He sold How me		in the y putts	did he	sell in			n?			
had. a)	He sold How me	the rest any curr	in the y putts	did he	sell in			n?			
had. a)	He sold How me	the rest any curr	in the y putts	did he	sell in			n?			
had. a)	He sold How me	the rest any curr	in the y putts	did he	sell in			n?			
had. a)	He sold How me	the rest any curr	in the y putts	did he	sell in			n?			

5.	Jane had 5 boxes of follopops. She packed 10 follopops into each plastic bag for
	sale at a funfair. After packing 180 such bags, she had 5 tollipops left. How many tollipops were in each box at first?
	Ans:
	Grandpa Tan had \$3900. He gave \$1500 to Grandma and the rest of the money to a granddaughter and four grandsons. His granddaughter received twice as much as each of his grandsons. How much did his granddaughter receive?
	Ans:

- 7. A carpet is placed in the centre of a living room.
 - A border of 2 m is left around the carpet.
 - a) What is the area of the carpet?
 - b) What is the perimeter of the carpet?



Ans:	a)	4	

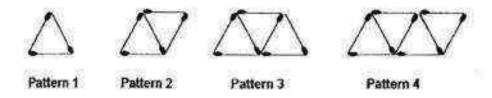
b)			
1.74	10000		

8.	Aunt Sarah baked some blueberry muffins and some chocolate muffins.
	$\frac{4}{5}$ of the muffins are chocolate muffins. The difference between the number of
	blueberry muffins and chocolate muffins is 45. How many muffins did she bake?
	Ans:
-	
	

9.	Azmi bought some postcards for his friends. If he gives 6 postcards to each
	friend, he would have 4 postcards remaining. If he gives 7 postcards to each
	friend, he would be short of 2 postcards.
	(a) How many friends did Azmi have?
	(b) How many postcards did Azmi buy?
	31400440-317
	Ans: a)

b) _____

Study the pattern shown bel	ow.
---	-----



(a) Complete the table. (2 marks)

Pattern	Number of Matchsticks
1	3
2	5
3	7
4	9
5	
20	

(b) Which Pattern will have 99 matchsticks? (2 marks)

Ans: (b) Pattern	

End of Paper 2

EXAM PAPER 2016 (P4)

SCHOOL: TAO NAN

SUBJECT : MATHEMATICS

TERM: SA2

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

11)7319

12)4 and 5

13)2/5 and 5/12

14)12/9

15)5.37

16)0.008

17)0.095, 0.862, 0.903, 2.4

18)34.68

19)23°

00

20)AE

21)East

22)59.08

23)1h30min / 18 45

24)7.15p.m.

25)Time: 06:30

26)102cm2

27)32cm

28)7°C

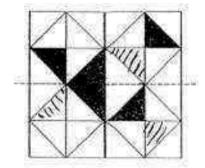
Day: Monday

29)10 00 to 12 00

30)

Paper 2

The total mass of the mixed nuts is 13/8 kg.



$$2)75 + 5 = 80$$

$$80 \div 4 = 20$$

$$20 - 5 = 15$$

Mimi have 15 stickers at first.

$$3)350 \div 7 = 50$$

$$10 \times 50 = 500$$

The container can hole 500g of sugar.

$$44 \times 3 = 132$$

He sold 132 curry puffs in the afternoon.

He have 220 curry puffs at first.

$$1805 \div 5 = 361$$

There were 362 lollipops in each box at first.

$$6)3900 - 1500 = 2400$$

$$2400 \div 6 = 400$$

His granddaughter received \$800

$$7)a)2m + 2m = 4m$$

$$16.5m - 4m = 12.5m$$

The are of the carpet is 112.5m2

7)b)9m x 2 = 18m

12.5m x 2 = 25m

18m + 25m = 43m

The perimeter of the carpet is 43m.

8)45 ÷ 3 = 15

 $15 \times 5 = 75$

She baked 75 muffins.

9)a)Azmi have 6 friends.

b)Azmi bought 40 postcards.

10)a)11,14

b)99 - 1 = 98

 $98 \div 2 = 49$

Pattern 49 will have 99 match sticks.



Temasek Primary School Semestral Assessment 2 Primary Four 2016

MATHEMATICS BOOKLET A

Name	3	()
Class	: Primary 4		
Date	: 27th October 2016		
Parent's	Signature:	-	
Total Tin	ne for Booklets A & B; 2h		

Instructions to Candidates:

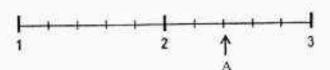
- Write your name, class and register number in the spaces provided clearly.
- 2. Do not turn over this page until you are told to do so.
- 3. Follow all instructions carefully.
- 4. Answer all questions.
- Shade your answers in the Optical Answer Sheet (OAS) provided.
- 6. You are NOT allowed to use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

Questions 1 to 6 carry 2 marks each. Questions 7 to 16 carry 1 mark each. Questions 17 to 20 carry 2 marks each. For each question, 4 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. You are not allowed to use a calculator.

(30 marks)

- In which of the following numbers does the digit 8 stand for 800?
 - (1) 2548
 - (2) 2854
 - (3) 5284
 - (4) 8254
- 37 658 rounded to the nearest hundred is
 - (1) 37 600
 - (2) 37 660
 - (3) 37 700
 - (4) 38 000
- 3. Which of the following fractions is not in its simplest form?
 - (1) $\frac{2}{7}$
 - (2) $\frac{3}{5}$
 - (3) $\frac{9}{10}$
 - (4) $\frac{4}{6}$

4. Which of the following mixed numbers is represented by the letter A in the number line shown?



- (1) $2\frac{2}{5}$
- (2) $2\frac{3}{5}$
- (3) $3\frac{2}{5}$
- (4) $3\frac{3}{5}$
- S. Write $5\frac{1}{20}$ as a decimal.
 - (1) 5.12
 - (2) 5.1
 - (3) 5.05
 - (4) 5.005
- 6. Which number below is 1.5 less than 7.83?
 - (1) 6.33
 - (2) 7.68
 - (3) 7.98
 - (4) 9.33

Below is a table that records the growth of a child in terms of his height. Study the table and answer question 7.

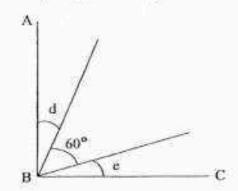
Year	F	2	3	4	5
Height (cm)	75	81	88	97	103

- 7. During which period was his increase in height the most?
 - (1) Between Year I and Year 2
 - (2) Between Year 2 and Year 3
 - (3) Between Year 3 and Year 4
 - (4) Between Year 4 and Year 5
- 8. How many letters shown below have at least 1 line of symmetry?

		_	-
term terminal		•	
T	R	Α	N
		A	

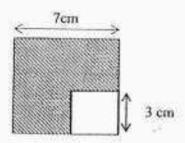
- (1) 1
- (2) 2
- (3) 3
- (4) 4

- Gary took 2 min 5 s to solve a Mathematics question. Alvin was 20 s faster than him. How long did Alvin take to solve the Mathematics question?
 - (1) 2 min 25 s
 - (2) 2 min 15 s.
 - (3) 1 min 45 s
 - (4) 1 min 15 s
- ∠ABC is a right angle. ∠d is equal to ∠e. Find the value of ∠e.



- (1) 15°
- (2) 30°
- (3) 45°
- (4) 60°
- 11. Lisa cuts a 6 m long rope into three pieces, A, B and C. Rope A measures 1.88 m and is 1.5 m longer than Rope B. What is the length of Rope C?
 - (1) 0.38 m
 - (2) 0.74 m
 - (3) 3.38 m
 - (4) 3.74 m

 The figure below, not drawn to scale, shows 2 squares. The length of the big square is 7cm. The length of the small square is 3cm. Find the area of the shaded part.



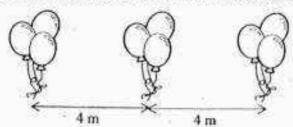
- (1) 9 cm²
- (2) 21 cm²
- (3) 40 cm²
- (4) 49 cm²
- 13. John's savings is $\frac{2}{5}$ of his sister's savings.

What is John's savings if their total savings is \$210?

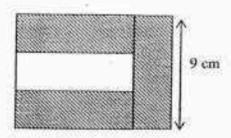
- (1) \$60
- (2) \$84
- (3) \$140
- (4) \$150
- 14. Amanda paid \$12 for 4 similar muffins and 4 similar canned drinks. Each muffin cost \$0.50 more than each canned drink. How much did a muffin cost?
 - (1) \$1.25
 - (2) \$1.50
 - (3) \$1.75
 - (4) \$3.00

- 15. There were some pupils in the Dance Club at Bedok Primary School. At the end of Term 1, 28 pupils left the club while 11 new pupils joined. There were 80 pupils remaining in the club. How many pupils were there in the club at first?
 - (1) 63
 - (2) 91
 - (3) 97
 - (4) 119
- 16. Amirah had a packet of sugar. She used ¹/₄ of the packet of sugar to make cookies and ¹/₆ of it to make muffins. In the end, she had 70 g of sugar left. How much sugar was there in the packet at first?
 - (1) 50 g
 - (2) 98 g
 - (3) 120 g
 - (4) 168 g
- 17. 5 × 😊 = 🛦
 - A +4 = 100
 - What does stand for?
 - (1) 5
 - (2) 25
 - (3) 80
 - (4) 400

18. Rebecca wants to decorate a corridor with balloons. She places each group of 3 balloons 4 m apart from each other along the corridor. If the corridor is 28 m long, how many balloons does Rebecca need in all to decorate the corridor?



- (1) 7
- (2) 8
- (3) 21
- (4) 24
- The figure below is made up of 4 identical rectangles. Find the perimeter of the shaded part.



- (1) 42 cm
- (2) 60 cm
- (3) 72 cm
- (4) 81 cm

20.	Anna, Betty and Clare went shopping. Anna and Betty spent a total of \$45 while
	Betty and Clare spent \$60 altogether. If Clare spent thrice as much as Anna, how
	much did Anna spend?

- (1) \$3.75
- (2) \$5.00
- (3) \$7.50
- (4) \$15.00

----- End of Booklet A -----



Temasek Primary School Semestral Assessment 2 Primary Four 2016

MATHEMATICS BOOKLET B

Name	\$	(3
Class	: Primary 4		ā
Date	: 27th October 2016		
Parent's	Signature:		
Total Tin	ne for Booklets A & B: 2h		

Instructions to Candidates:

- Write your name, class and register number in the spaces provided clearly.
- 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.

Paper	Marks	Scores
Section A	30	O BREEDING TO
Section B	40	
Section C	30	
Total	100	

	your answers in the units stated. You are not allowed to use a calculator.	(40 ma
1.	Write forty thousand and sixty-nine in figures.	
	1980 H	
	Ans:	
	Some factors of 20 are 1, 2, 4 and 20. What are the other two factors of 20	
	Ans: and	
0.000	Ans: and What fraction of the triangles shown are grey in colour?	

250	1	1
24.	2	8

	::

25. Write $2\frac{3}{5}$ as an improper fraction.

Ans:	
	 -

26. Round 13.55 to the nearest whole number.

A		
Ans:		_

27. Write 4 thousandths as a decimal.

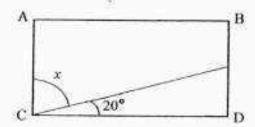
Ans:			
	_		

Arrange the following numbers from the greatest to the smallest.

0.75 , 0.075 , 0.705

Ans:		a)		
.0	(greatest)	97.	(smal	lest)

29. In the figure below, ABCD is a rectangle. Find the value of $\angle x$.

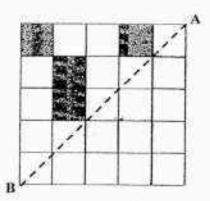


Ans: _____ °

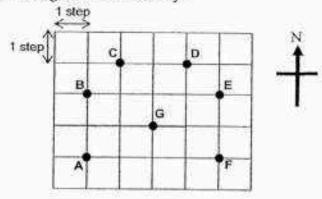
Haren had 25 cupcakes left after giving away 30 cupcakes to his neighbour. What
fraction of the cupcakes was remaining? Express your answer in its simplest form.

Ans: _____

 The figure below is half of a symmetric pattern with the dotted line AB as the line of symmetry. Complete the symmetric pattern by shading the squares.



32. Study the diagram below carefully.

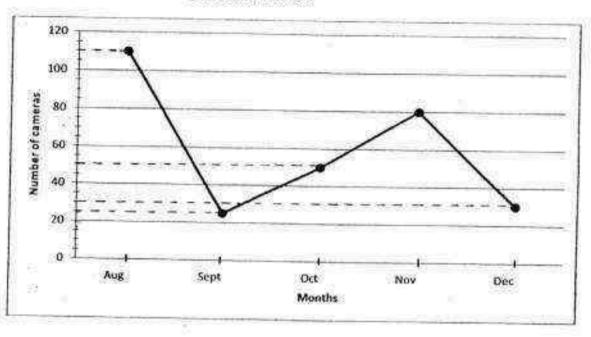


Megan is at Point G. She needs to walk in the north-west direction to meet her friend, Zainab.

At which 2 Points could Zainab be possibly standing at?

Ans: Po	oint	or Point
Chipping Decrees		180.000.000.000.000

The graph below shows the number of cameras sold by Company A over a period of 6 months. Use it to answer Questions 33 and 34.



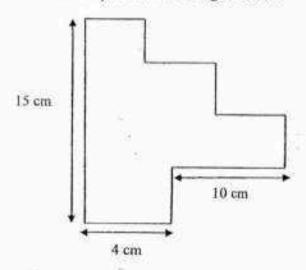
33. What is the total number of cameras sold in August and October?

Ans:	=		
			_

34. Company A donated $\frac{1}{5}$ of its earnings to charity in December. If each camera cost \$199, how much did Company A donate to charity in December?

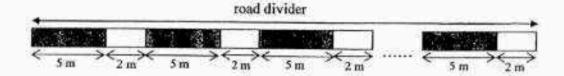
Ans:	\$		_
------	----	--	---

35. Find the perimeter of the figure below.



(Tal)	
Ans:	cm

36. A road divider is painted in black and white segments as shown below. If the road divider is 147 m long, how many black segments are there?



UIII	Ans:			
	CHIO.			

chocolate?			
27			
	VI	- 00	
	201		-
			43
		Ans: \$	
Meng 9 stickers, Puey N	Acng had 4 times as m.	s altogether. After Yu any stickers as Yu Ron	Rong gave Pucy g had. How many
		Ans:	
	Meng 9 stickers, Puey N	Yu Rong and Puey Meng shared 200 sticker	Ans: S Yu Rong and Puey Meng shared 200 stickers altogether. After Yu Meng 9 stickers, Puey Meng had 4 times as many stickers as Yu Ron stickers did Yu Rong have at first?

			0.
		40	
-		Ans:	t
0.	I am a 3-digit odd number. All my three digits are different. All my three digits are multiples of 3.		
	My first digit is twice the third digit. What number am 1?		
		Ans:	

Elyssa drank 0.87 ℓ of milk on Monday. On Tuesday, she drank 0.25 ℓ more milk than

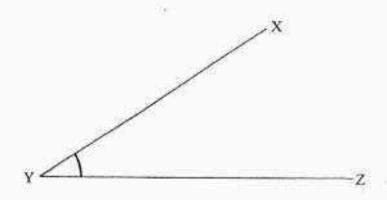
39,

			(20
			(30 mar)
200	Edmond took II 20		NOTE AND THE PARTY OF THE PARTY
	Edmund took 1h 20 min to complete I	us homework. He comp	leted his homework
	4pm. What time did Edmund start doing (Give your answer in the 24-h clock.)	this homework?	
	(GIVE YOUR MISWELL IN THE 24-II CHOCK.)	5	27
	92		
		34	
	25	Ans:	(2 mark
		FOR ARRENGED THE SCHOOL O	amn?
	[Draw a model to help you solve this prole correct model drawn.]	ren attended the school of blem. One mark will be a	amp? warded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? iwarded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	[Draw a model to help you solve this proleomeet model drawn.]	blem. One mark will be a	amp? iwarded for the
	Draw a model to help you solve this prof	blem. One mark will be a	amp? warded for the
	[Draw a model to help you solve this proleomeet model drawn.]	blem. One mark will be a	amp? iwarded for the
	[Draw a model to help you solve this proleomeet model drawn.]	blem. One mark will be a	amp? iwarded for the
	[Draw a model to help you solve this proleomeet model drawn.]	Ans:	amp? iwarded for the

43. (a) Using a protractor, draw an angle measuring 15° and label it Z ABC. [1]

В

(b) Using a protractor, measure ∠XYZ.



Ans: (b) _____ (1 mark)

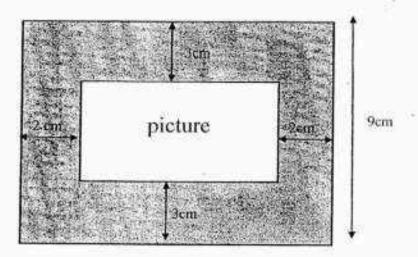
(c) From 12 pm to 2.30 pm, how many right angles would the minute-hand have turned?

Ans: (c) (2 marks)

44.	Elijah has 20 piec it, The total value	es of notes in his p of the money in th	oiggy bank, Ther ne piggy bank is	e are only \$2 note \$55. How many \$	s and \$5 notes i 2 notes are ther

		FF			
	6				
	#37				
				(4)	
		30		8	
			А	ns:	(3 marks)
****	0				
		3	11		

- 45. The area of a rectangular wooden frame is 108cm² and its breadth is 9cm. A picture is mounted in the centre of the frame leaving a border round it.
 - (a) Find the length of the wooden frame.
 - (b) Find the area of the border.



Ans: (a)	(1 mark)
(b)	(4 marks

- 46. Felicia bought 7 kg of potatoes from the market. She used $1\frac{2}{3}$ kg of potatoes in the morning and $\frac{4}{9}$ kg less in the evening.
 - (a) What was the mass of potatoes she used altogether?
 - (b) What was the mass of potatoes she had left?

Ans:	(a)	(3 marks)
	(b)	(1 mark)

47. Study the pattern carefully.

\bigcirc			
Pattern 1	Pattern 2	Pattern 3	

(a) Complete the table below for Pattern 4. (1 mark)

Pattern Number	Number of sticks
1	6
2	11
3	16
4	

(b) How many sticks are needed for Pattern 20?

Ans: (b)	(2 marks)
rans. (b)	(2 marks)

		of Booklet B	
		(ъ)	(2 marks
		Ans: (a)	(24narks
		*	
			w
(b)		e 3 boys have altogether?	
(a)	How many marbles did D	Daniel receive?	

YEAR

: 2016

LEVEL

PRIMARY 4

SCHOOL

TEMASEK PRIMARY

SUBJECT

MATHEMATICS

TERM

SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	4	1	3	The second second	1000	and the second s	3	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	020
4	3	1	3	3	3	3	4	2	3

Booklet B

Q21

40 069

Q22

5 and 10

Q23

 $\frac{4}{12}$ or $\frac{1}{3}$

Q24

3

Q25

 $\frac{13}{5}$

Q26

14

Q27

0.004

Q28

0.75, 0.705, 0.075

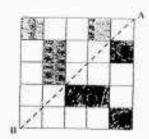
Q29

70°

Q30

5

Q31



- Q32 Point B or Point C
- Q33 160
- Q34 $199 \times 6 \Rightarrow 1194
- Q35 58 cm
- Q36 21 black segments
- Q37 5 bars → \$25 1 bar → \$5 3 bars ⇒ <u>\$15</u>
- Q38 $1u \rightarrow 40$ Yu Rong $\rightarrow 40 + 9 \Rightarrow \underline{49 \text{ stickers}}$
- Q39 Mon \rightarrow 0.87 ℓ Tue \rightarrow 1.12 ℓ Wed \Rightarrow 0.56 ℓ
- Q40 693
- Q41 1440hrs
- Q42 1 unit \rightarrow 96 ÷ 4 = 24 24 x 10 \Rightarrow 240 children
- Q43 (a)



- (b) 33°
- (c) 10 right angles

- Q44 Assuming all are \$5
 20 x \$5 = \$100
 \$100 \$55 = \$45
 \$45 ÷ 9 = 5
 No of \$2 notes → 20 5 ⇒ 15
- Q45 (a) Length of wooden frame \rightarrow 108 cm² ÷ 9 cm \Rightarrow 12 cm
 - (b) 12 cm 2 cm 2 cm = 8 cm 9 cm - 3 cm - 3 cm = 3 cm Area of picture → 8 cm x 3 cm = 24 cm² Area of border → 108 cm² - 24 cm² ⇒ 84 cm²
- Q46 (a) Mass of potatoes used in all $\rightarrow 1\frac{2}{9} + \frac{4}{9} \Rightarrow 2\frac{8}{9}$ kg
 - (b) Mass of potatoes left → 7 2 ⁸/₉ ⇒ 4 ¹/₉ kg
- Q47 (a) Number of sticks ⇒ 21
 - (b) 101 sticks
 - (c) Pattern 41
- Q48 (a) 44 ÷ 2 ⇒ 22 marbles
 - (b) $(22 \times 7) + 6 \Rightarrow 160 \text{ marbles}$