

2019

Primary 3 Math

1.	Ai Tong	SA2
2.	Catholic	SA2
3.	CHIJ	SA2
4.	Henry Park	SA2
5.	Maha Bodhi	SA2
6.	Maris Stella	SA2
7.	MGS	SA2
8.	Nan Hua	SA2
9.	Nanyang	SA2
10.	Pei Chun	SA2
11.	Pei Hwa	SA2
12.	Red Swastika	SA2
13.	RGPS	SA2
14.	River Valley	SA2
15.	Rosyth	SA2
16.	SCGS	SA2
17.	St Hilda	SA2
18.	Tao Nan	SA2



AI TONG SCHOOL

2019
END-OF-YEAR EXAMINATION
PRIMARY 3

MATHEMATICS

DURATION : 1 h 30 min

DATE : 31 OCTOBER 2019

INSTRUCTIONS

Do not open the booklet until you are told to do so.

Follow all instructions.

Answer all questions.

Name : _____ ()

Class : Primary 3 _____

Parent's Signature :	_____
Date :	_____

Marks :

Section A	30
Section B	30
Section C	20
Total	80

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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 with a 2B pencil.

(30 marks)

1 In 7953, what does the digit 5 stand for?

- (1) 5 ones
- (2) 5 tens
- (3) 5 hundreds
- (4) 5 thousands

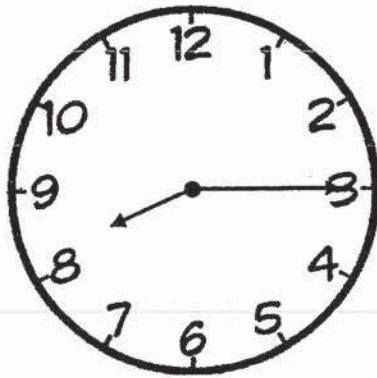
2 Express $\frac{4}{12}$ in its simplest form.

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

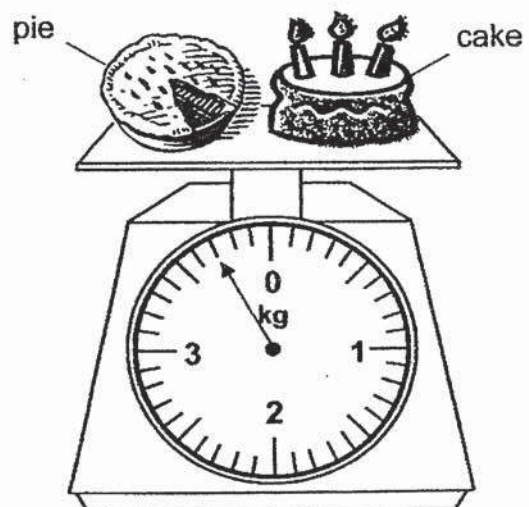
3 Which fraction is smaller than $\frac{1}{2}$?

- (1) $\frac{2}{3}$
- (2) $\frac{3}{6}$
- (3) $\frac{3}{7}$
- (4) $\frac{5}{8}$

- 4 The clock below shows the time now. What was the time half an hour ago?

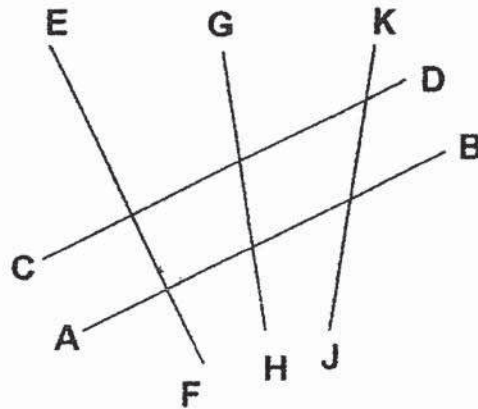


- (1) 3.40 p.m.
 - (2) 7.45 p.m.
 - (3) 8.15 p.m.
 - (4) 8.45 p.m.
- 5 Kate's house is 3 km 9 m from the shopping mall.
Express this distance in metres.
- (1) 39 m
 - (2) 309 m
 - (3) 3009 m
 - (4) 3090 m
- 6 There is a pie and a cake on the weighing scale. The mass of the cake is 2 kg.
Find the mass of the pie.



- (1) 1 kg 70 g
- (2) 1 kg 700 g
- (3) 3 kg 70 g
- (4) 3 kg 700 g

- 7 Which line is perpendicular to line AB?



- (1) CD
- (2) EF
- (3) GH
- (4) JK

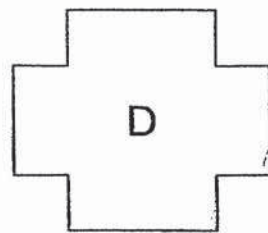
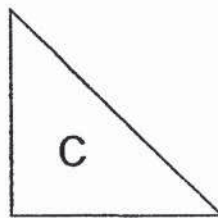
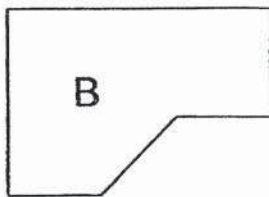
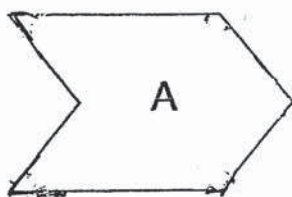
- 8 Eve exchanged a \$5 note for 10 coins. All the coins had the same value. What was the value of each coin?

- (1) 5 cents
- (2) 10 cents
- (3) 20 cents
- (4) 50 cents

- 9 Luke started his violin lesson at 10.55 a.m. The lesson lasted for 2 h 15 min. What time did his lesson end?

- (1) 12.15 p.m.
- (2) 12.55 p.m.
- (3) 1.10 p.m.
- (4) 1.40 p.m.

10 Which of the following figures does not have any right angles in them?



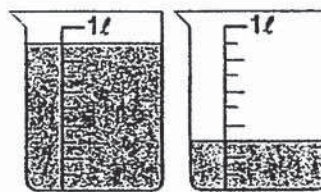
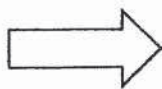
- (1) A
- (2) B
- (3) C
- (4) D

11 8 children shared 48 pens equally.

How many pens did four of the children have altogether?

- (1) 24
- (2) 12
- (3) 6
- (4) 4

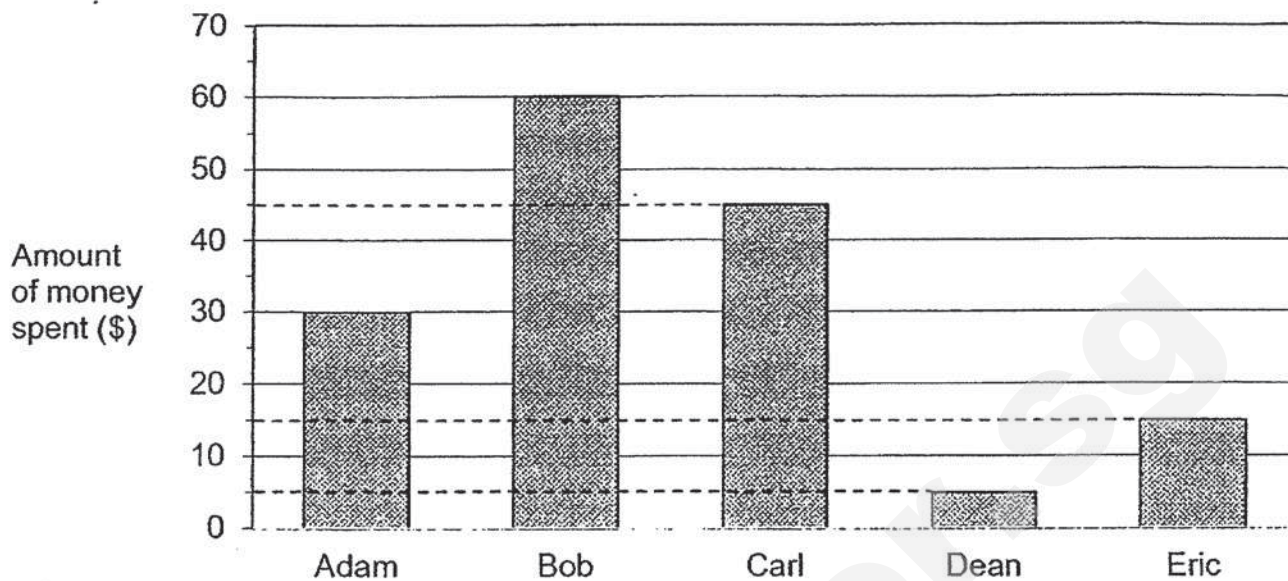
12 A pail contained 2 litres of water at first. Sam poured some water from the pail into the beakers shown below. What was the volume of water left in the pail?



Beaker A Beaker B

- (1) 1300 ml
- (2) 1200 ml
- (3) 800 ml
- (4) 700 ml

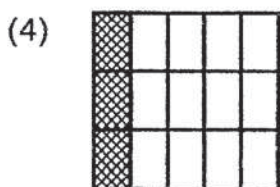
- 13 The bar graph shows the amount of money spent by five boys.



Who spent twice as much as Adam?

- (1) Bob
- (2) Carl
- (3) Dean
- (4) Eric

- 14 Which of the following shows $\frac{1}{5} + \frac{2}{10}$?



15 The sum of two numbers is 500. Their difference is 40.
What are the two numbers?

- (1) 210 and 250
 - (2) 210 and 290
 - (3) 230 and 270
 - (4) 240 and 260
-

Section B

Questions 16 to 30 carry 2 marks each.

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (30 marks)

- 16 Complete the number pattern.

6237	6037	?	5637	5437	5237
------	------	---	------	------	------

Ans: _____

- 17 $2708 + 3995 =$

Ans: _____

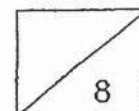
- 18 Subtract 270 from 8621.

Ans: _____

- 19 What is the missing number in the box?

$$42 = \boxed{\text{?}} \text{ groups of } 6$$

Ans: _____



20 What is the product of 908 and 8?

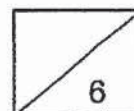
Ans: _____

21 What is the quotient when 624 is divided by 7?

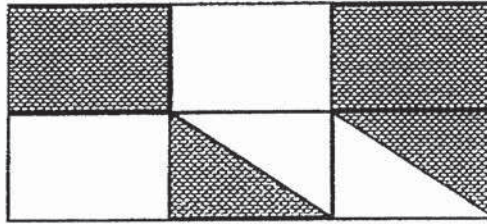
Ans: _____

22 $\$5 + \$39.05 =$ _____

Ans: \$ _____



- 23 The figure below is made up of 6 identical rectangles.
What fraction of the figure is shaded? Give your answer in its simplest form.



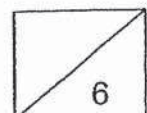
Ans: _____

- 24 There are 1704 apples. There are 352 more apples than oranges.
How many oranges are there? .

Ans: _____

- 25 A bakery had some cupcakes. After selling 2656 cupcakes, there were 307 cupcakes left. How many cupcakes were there at first?

Ans: _____



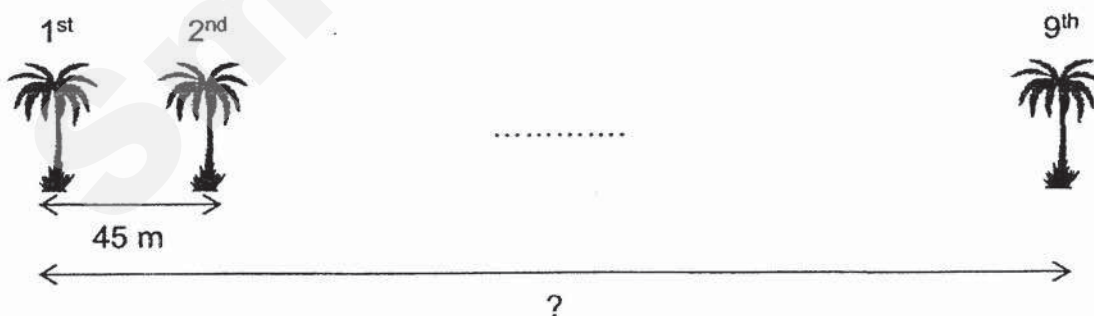
- 26 When a number is divided by 9, its quotient is 285 and its remainder is 7.
What is the number?

Ans: _____

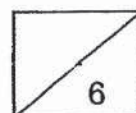
- 27 A taxi can take up to 4 passengers.
What is the least number of taxis needed for 906 passengers?

Ans: _____

- 28 There are 9 trees along a straight path. The distance between every two trees is 45 m.
What is the distance between the first tree and the last tree?



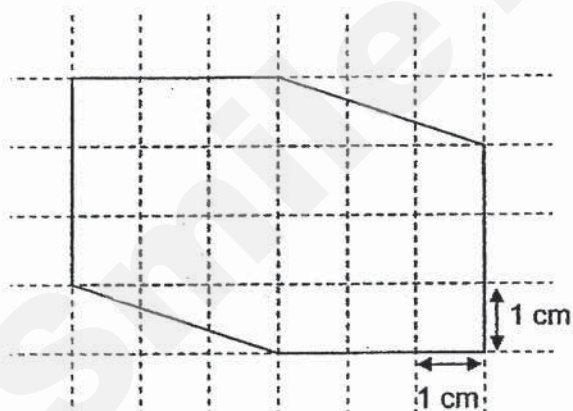
Ans: _____ m



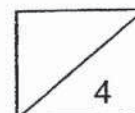
- 29 Peter reached the cinema at 4.50 p.m. to book his movie ticket.
The movie would start at 8 p.m.
How long did he have to wait before he could watch the movie?
Give your answer in hours and minutes.

Ans: _____ h _____ min

- 30 Find the area of the shaded figure below.



Ans: _____ cm^2



Section C

Show your working clearly in the space provided below each question and write your answers and units in the spaces provided. (20 marks)

31 1800 people watched a performance at the Esplanade.

298 of them were children and the rest were adults.

(a) How many adults were there?

(b) How many more adults than children were there?

Ans: (a) _____ [1]

(b) _____ [2]

32 Rachel has 506 beads and some boxes.

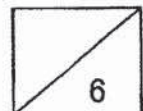
She puts 6 beads in each box and has 128 beads left.

(a) How many beads are put in the boxes?

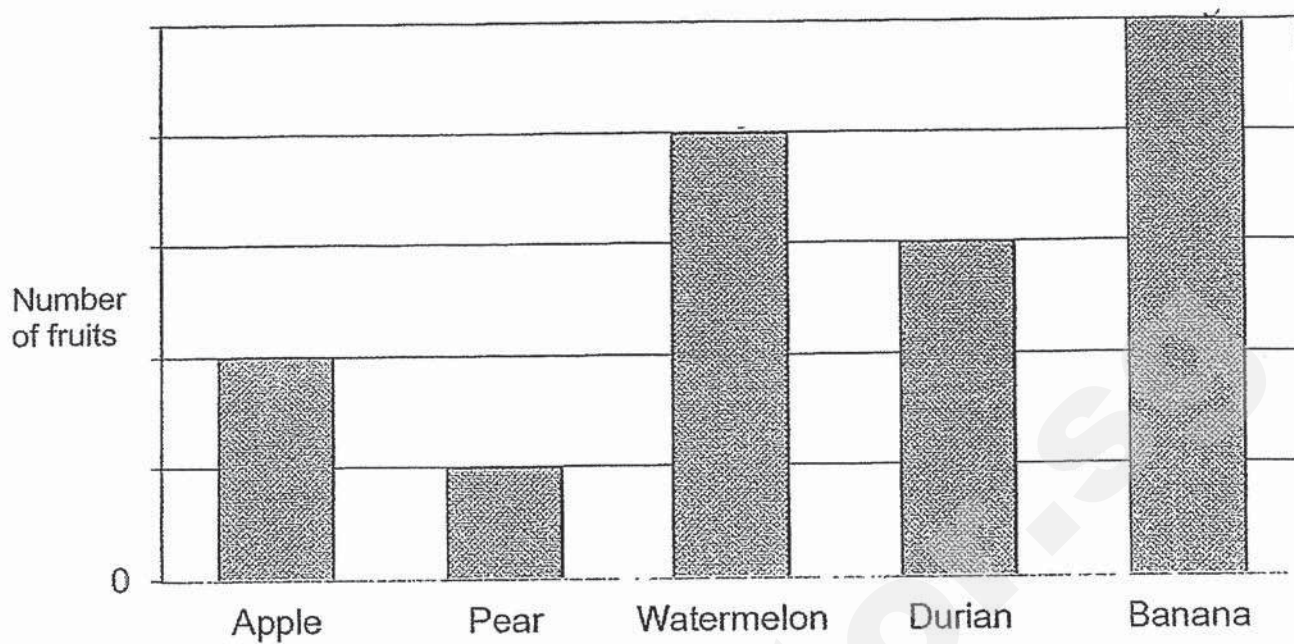
(b) How many boxes does she have?

Ans: (a) _____ [1]

(b) _____ [2]



33 The bar graph below shows the number of fruits sold in a week.

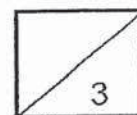


- (a) How many types of fruits were sold?
- (b) Which fruit is the most popular?
- (c) Which fruit is three times as popular as the pear?

Ans: (a) _____ [1]

(b) _____ [1]

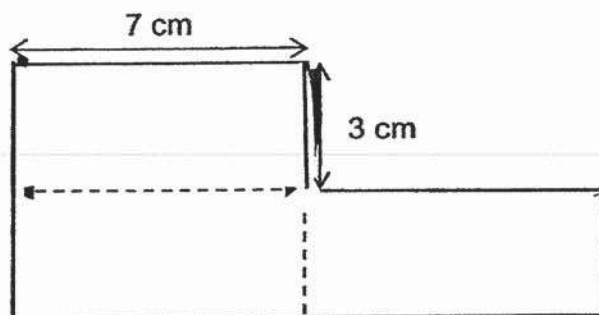
(c) _____ [1]



34 The figure below is made up of 3 identical rectangles.

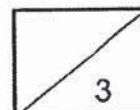
Each rectangle is 7 cm long and 3 cm wide.

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



Ans: (a) _____ [1]

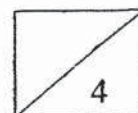
(b) _____ [2]



- 35 Sam, Tim and Mike shared some money.
Tim received \$100. Sam received \$128 more than Tim.
Mike received 3 times as much money as Sam.
- (a) How much money did Sam receive?
(b) How much money did Mike receive?

Ans: (a) _____ [2]

(b) _____ [2]

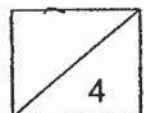


- 36** In the morning, there were equal number of buses and vans in a car park.
In the afternoon, 90 buses and 54 vans left the car park.
After this, the number of vans in the car park became twice the number of buses in the car park.
- (a) How many buses were still in the car park in the afternoon?
(b) How many vans were in the car park in the morning?

Ans: (a) _____ [2]

(b) _____ [2]

End of Paper
Please check your work carefully.



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ANSWER KEY

YEAR : 2019
 LEVEL : PRIMARY
 SCHOOL : AI TONG SCHOOL
 SUBJECT : MATHEMATICS
 TERM : END-OF-YEAR EXAMINATIONS

SECTION A

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

SECTION B

Q16. 5837

Q17. 6703

Q18. 8351

Q19. 7

Q20. 7264

Q21. 89

Q22. \$44.05

Q23. $\frac{1}{2}$

Q24. 1352

Q25. 2963

Q26. 2572

Q27. 227

Q28. 360m

Q29. 3h 10min

Q30. 21 cm²

Q31. (a) 1502

(b) 1204

Q32. (a) 378

(b) 63

Q33. (a) 5

(b) Banana

(c) Durian

Q34. (a) 21 cm²

(b) 40cm

Q35. (a) \$228

(b) \$684

Q36. (a) 36
 (b) 126

1
 200.

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CATHOLIC HIGH SCHOOL
END-OF-YEAR EXAMINATION (2019)
PRIMARY THREE
MATHEMATICS

Name : _____ ()

Class : Primary 3 _____

Date : 25 Oct 2019

Duration : 1 h 45 min

Parent's Signature: _____

Section A	30
Section B	34
Section C	16
Total Marks	80

INSTRUCTIONS TO CANDIDATES

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

Follow all instructions carefully.

Answer all questions.

For section A, shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 20 printed pages excluding the cover page.

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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 correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS). All diagrams are not drawn to scale. (30 marks)

1. 6 thousands and 43 tens is _____.

- (1) 643
- (2) 6043
- (3) 6403
- (4) 6430

()

2. Find the sum of 7508 and 1249.

- (1) 6259
- (2) 6341
- (3) 8747
- (4) 8757

()

3. $8 \times 5 =$ _____ groups of 4

- (1) 10
- (2) 36
- (3) 40
- (4) 44

()

4. Find the difference between 3759 and 5803.

- (1) 2044
- (2) 2156
- (3) 8552
- (4) 9562

()

5. Find the product of 207 and 9.

(1) 23

(2) 198

(3) 216

(4) 1863

()

6. Ming packed 54 candies into small boxes. He packed 9 candies into each small box. How many small boxes did Ming use?

(1) 5

(2) 6

(3) 63

(4) 486

()

7. What is the remainder when 326 is divided by 3?

(1) 1

(2) 2

(3) 5

(4) 8

()

8. Sam had some stickers. He gave all his stickers to 6 friends. Each of his friends received 5 stickers. How many stickers did Sam have at first?

(1) 1

(2) 11

(3) 30

(4) 35

()

9. $\boxed{?} - \frac{2}{5} = \frac{1}{10}$

What is the missing fraction in the box?

(1) $\frac{1}{2}$

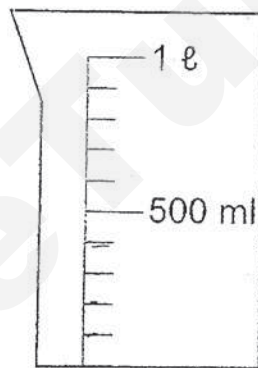
(2) $\frac{1}{5}$

(3) $\frac{3}{10}$

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

()

10. In the figure below, how much more water is needed to make 1 ℓ of water?



(1) 400 ml

(2) 500 ml

(3) 600 ml

(4) 1000 ml

()

11. On Monday, Ahmad painted a picture from 8.45 a.m. to 2.30 p.m. He stopped painting for an hour at 12 p.m. How long did he spend painting his picture?

(1) 3 h 15 min
(2) 4 h 30 min
(3) 4 h 45 min
(4) 5 h 45 min

()

-
12. \$72 is shared equally among 8 children. How much money does each child receive?


(1) \$9
(2) \$64
(3) \$80
(4) \$576

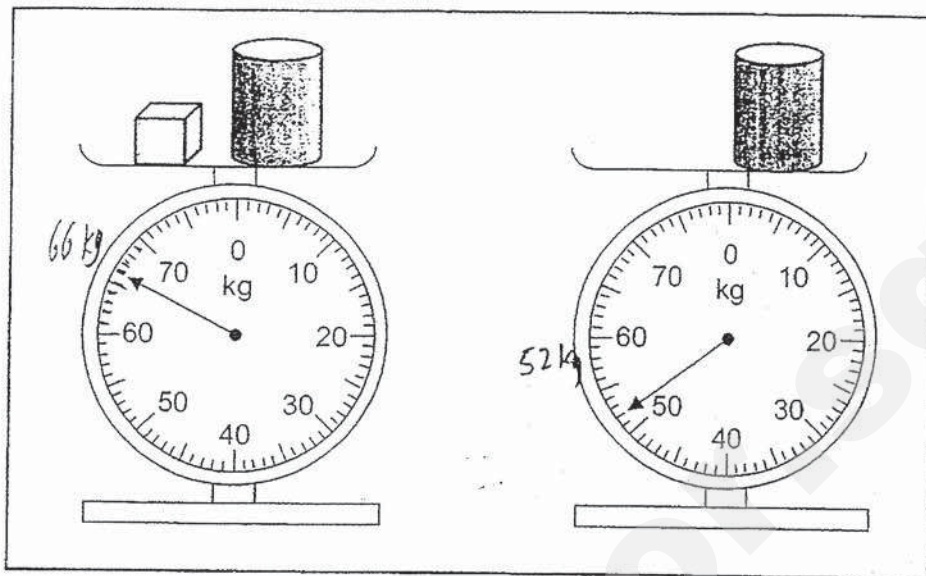
()

-
13. Jim packed 8 similar bags of marbles. He packed 128 marbles into each bag. How many marbles did he pack altogether?

(1) 16
(2) 120
(3) 136
(4) 1024

()

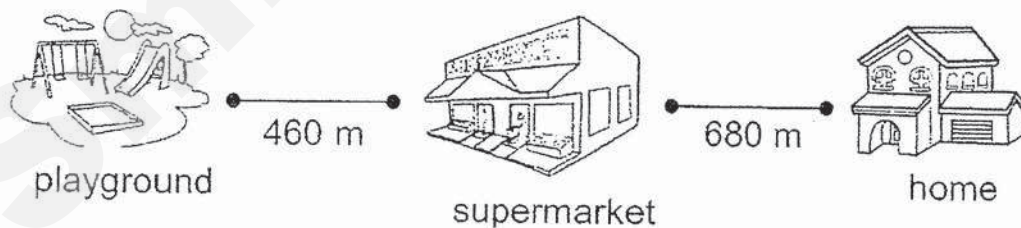
14. What is the mass of  ?



- (1) 13 kg
- (2) 14 kg
- (3) 66 kg
- (4) 118 kg

()

15. Bala walked from the playground to the supermarket. From the supermarket, he walked home. What was the total distance he walked?



- (1) 220 m
- (2) 920 m
- (3) 1 km 140 m
- (4) 1 km 360 m

()

END OF SECTION A

Section B

Do not write
in this space

Questions 16 to 21 carry 1 mark each. Show your working clearly in the space and write the correct answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (6 marks)

16. Look at the numbers below.

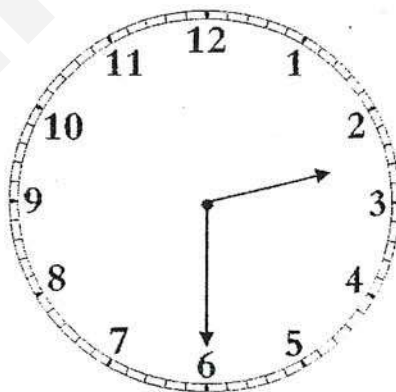
3957

2694

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

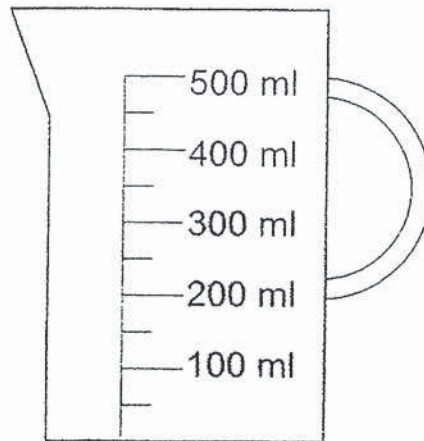
Statement	True	False	Not possible to tell
The greatest digit for both numbers is in the hundreds place.			

17. Mary finished her piano lesson at the time shown on the clock. The clock was 15 minutes slow. What was the actual time she finished her piano lesson?



Ans: _____ p.m.

18.



Do not write
in this space

What is the volume of water in the container shown above?

Ans: _____ ml

19. In the figure below, the letters are drawn on a square grid. Which of the following letter(s) has/have no perpendicular lines?



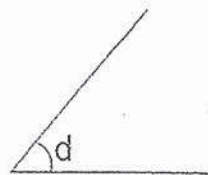
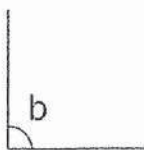
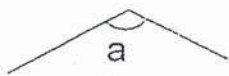
Ans: _____

20. Express 709 cm in metres and centimetres.

Ans: _____ m _____ cm

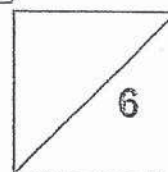
21. Name the angle(s) that is/are smaller than a right angle.

Do not write
in this space



Ans: \angle _____

Total marks for questions 16 to 21



Questions 22 to 35 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. (28 marks)

Do not write
in this space

22. Complete the following number pattern.

720, 730, 735, 745, 750, _____, 765, 775

Ans: _____

23. Form the smallest 4-digit odd number with the following digits. All the digits must be used. Each digit can only be used once.

3

8

1

4

Ans: _____

24. Alex and Fandi shared some stamps equally. After Fandi gave 33 stamps to Alex, how many more stamps did Alex have than Fandi?

Ans: _____

25. Mdm Kim made 7 strawberry tarts. She made 4 times as many egg tarts as strawberry tarts. How many egg tarts did Mdm Kim make?

Do not write
in this space

Ans: _____

26. What is the difference between $\frac{3}{4}$ and $\frac{1}{6}$?

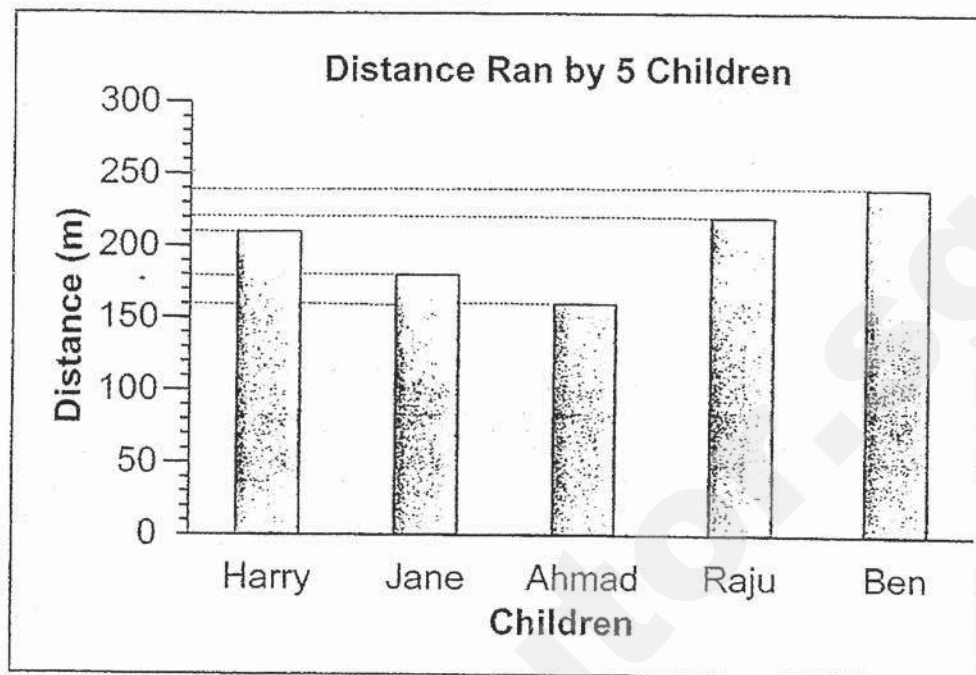
Ans: _____

27. Find the quotient when 101 is divided by 3.

Ans: _____

28. The bar graph below shows the distance ran by five children. Study the graph carefully.

Do not write
in this space



How much further did Ben run than Jane?

Ans: _____ m

29. Arrange the following fractions in order.
Begin with the greatest.

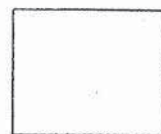
$$\frac{3}{10}, \frac{1}{2}, \frac{2}{5}$$

Ans: _____, _____, _____
greatest smallest

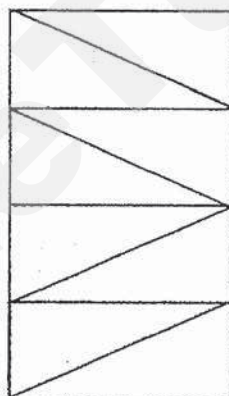
30. Mike bought some chocolates to be shared equally among 6 friends. He gave 13 chocolates to each friend and had 5 chocolates left. How many chocolates did Mike buy?

Do not write
in this space

Ans: _____



31. The figure below is made up of 4 identical rectangles. What fraction of the figure is shaded? Express your answer in its simplest form.

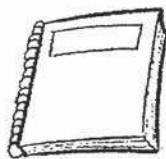


Ans: _____

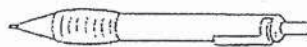


32. Study the figure below carefully.

Do not write
in this space



Notebook \$4

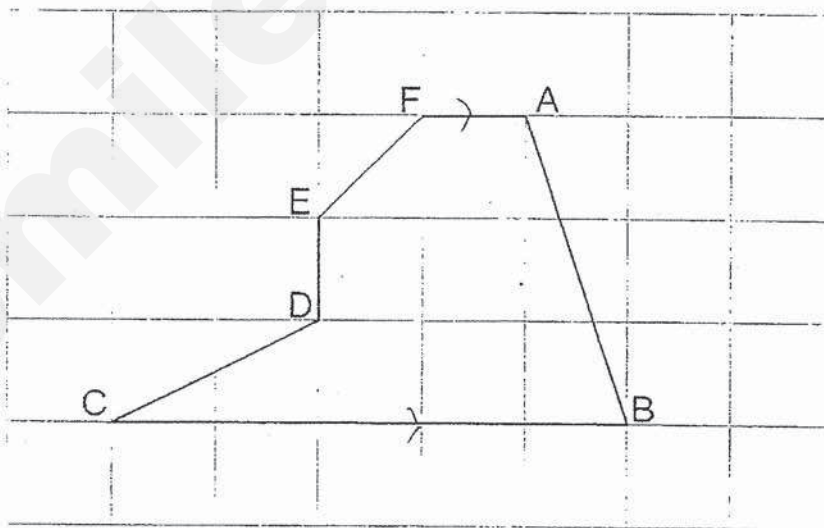


Mechanical pencil \$1.20

Jim bought a notebook and a mechanical pencil. He gave the cashier \$10. How much change would he receive?

Ans: \$

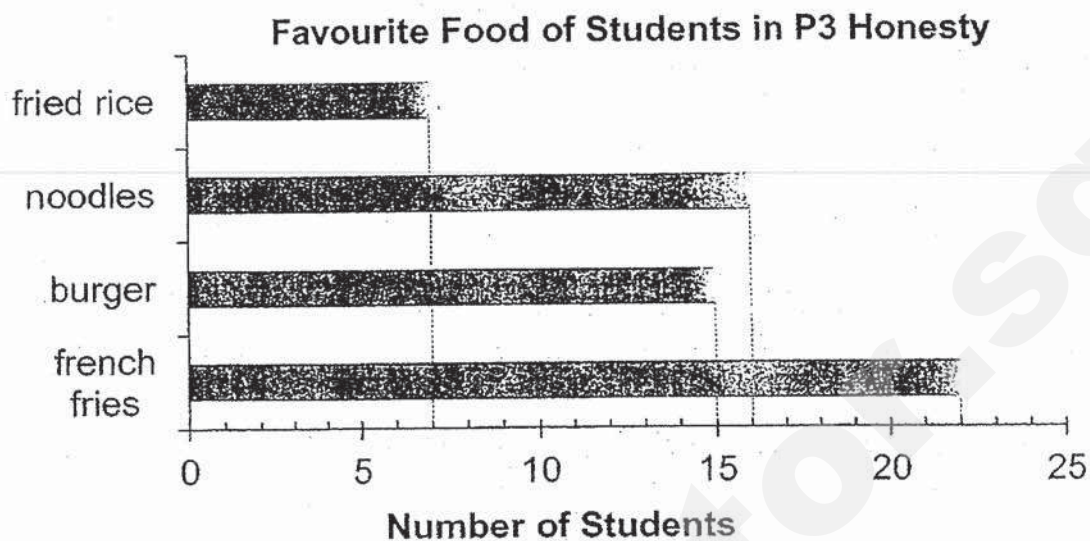
33. In the figure below, name a pair of parallel lines in the square grid.



Ans: _____ and _____

34. The bar graph below shows the favourite food of the students in Primary 3 Honesty. Study the graph carefully and answer question (a) and (b).

Do not write
in this space

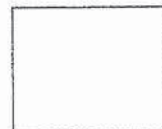


- (a) What is the least popular food among the students in P3 Honesty?

Ans: _____

- (b) How many students like french fries?

Ans: _____



35. Figure A is a square tile with a side of 8 cm. Figure B is a square tile made up of exactly nine Figure As. Find the perimeter of Figure B.

Do not write
in this space

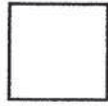


Figure A

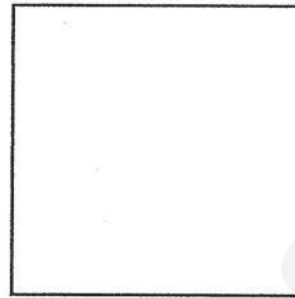
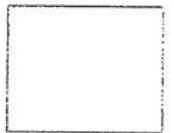
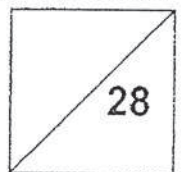


Figure B

Ans: _____ cm



Total marks for questions 22 to 35



END OF SECTION B

Section C

Do not write
in this space

For Questions 36 to 40, 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. All diagrams are not drawn to scale. (16 marks)

36. Mdm Heng baked 322 cupcakes yesterday. She gave 290 cupcakes to some children during a party. She baked another 258 cupcakes today. How many cupcakes did she have in the end?

Ans: _____ [3]



37. George had a sum of money. His brother had \$86.50. After George spent \$23.20, he had \$12 less than his brother. How much money did George have at first?

Do not write
in this space

Ans: _____ [3]



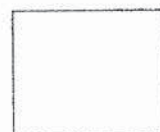
38. Tom took 7 h 25 min to fly from Singapore to Dubai. He left Singapore at 9.45 p.m.

Do not write
in this space

- (a) What time did Tom arrive in Dubai?
- (b) Jean took another flight that left at the same time as Tom's. It landed 40 minutes after Tom. How long was Jean's flight?

Ans: (a) _____ [2]

(b) _____ [1]

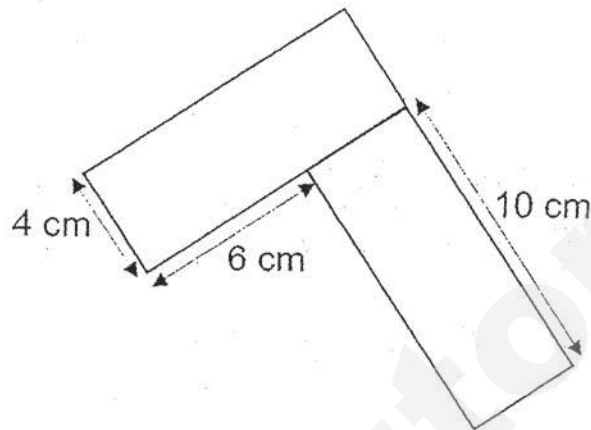


39. The figure below is made up of two identical rectangles.

Do not write
in this space

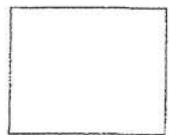
(a) What is the area of one of the rectangles?

(b) What is the perimeter of the figure?



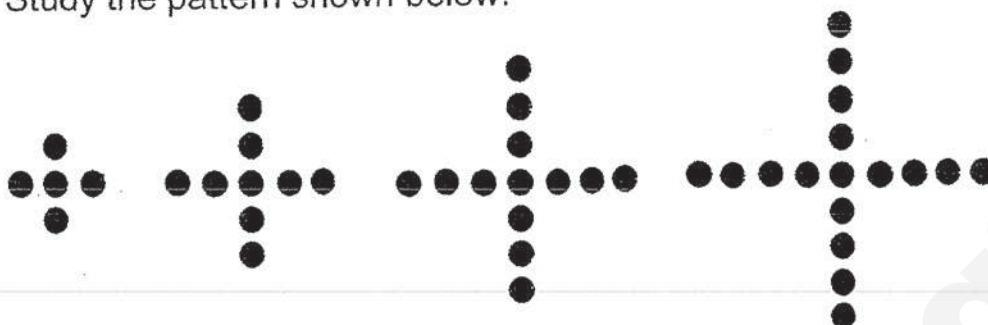
Ans: (a) _____ [1]

(b) _____ [2]



40. Study the pattern shown below.

Do not write
in this space



Pattern 1

Pattern 2

Pattern 3

Pattern 4

Pattern Number	Number of dots
1	5
2	9
3	13
4	17

(a) How many dots are there in Pattern 10?

(b) Which pattern number will have a total of 69 dots?

Ans: (a) _____ [2]

(b) _____ [2]



END OF PAPER

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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : CATHOLIC HIGH SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

SECTION A (30 marks)

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

SECTION B

- (16) False
 (17) 2.45p.m.
 (18) 350ml
 (19) A,M
 (20) 7m9cm
 (21) angle D
 (22) 760
 (23) 1483
 (24) 66
 (25) 28
 (26) $\frac{7}{12}$
 (27) 33
 (28) 60m
 (29) $\frac{1}{2}, \frac{2}{5}, \frac{3}{10}$
 (30) 83
 (31) $\frac{1}{2}$
 (32) \$480
 (33) FA and CB
 (34a) Fried rice
 (34b) 22
 (35) 96cm
 (36) 290
 (37) \$97.70
 (38a) 5.10a.m.
 (38b) 8h5min
 (39a) 40cm²
 (39b) 48cm
 (40a) 41
 (40b) Figure 17

END.

SmileTutor.sg

Name: _____ ()

Class: Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

2019 End-Year Assessment

Booklet A

22 October 2019

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 9 printed pages.

SmileTutor.sg

Section A (15 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. What does the digit 4 in 1943 stand for?

- (1) 4000
- (2) 400
- (3) 40
- (4) 4

2. What is the product of 28 and 7?

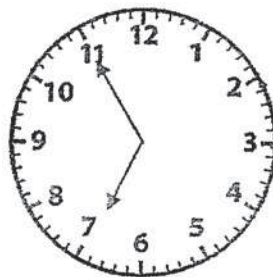
- (1) 196
- (2) 188
- (3) 35
- (4) 4

3. Complete the number pattern below.

6871, 6571, 6271, _____, 5671, 5371.

- (1) 5871
- (2) 5971
- (3) 6071
- (4) 6171

4. In 8627, the digit 2 is in the _____ place.
- (1) ones
 - (2) tens
 - (3) hundreds
 - (4) thousands
5. There was 1ℓ 90 ml of water in a bottle. Khairul drank 350 ml of water. How much water was left in the bottle? Express your answer in ml.
- (1) 160 ml
 - (2) 740 ml
 - (3) 1440 ml
 - (4) 1550 ml
6. What is the time shown on the clock below?



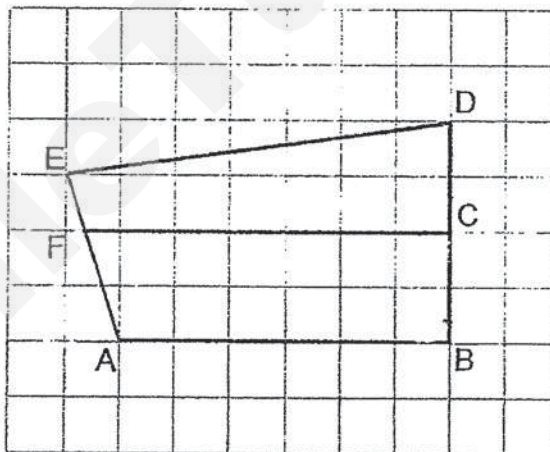
- (1) 5 minutes past 7
- (2) 5 minutes to 7
- (3) 25 minutes to 11
- (4) 55 minutes past 7

7. What is the missing number in the box?

$$\frac{2}{\boxed{?}} = \frac{6}{9}$$

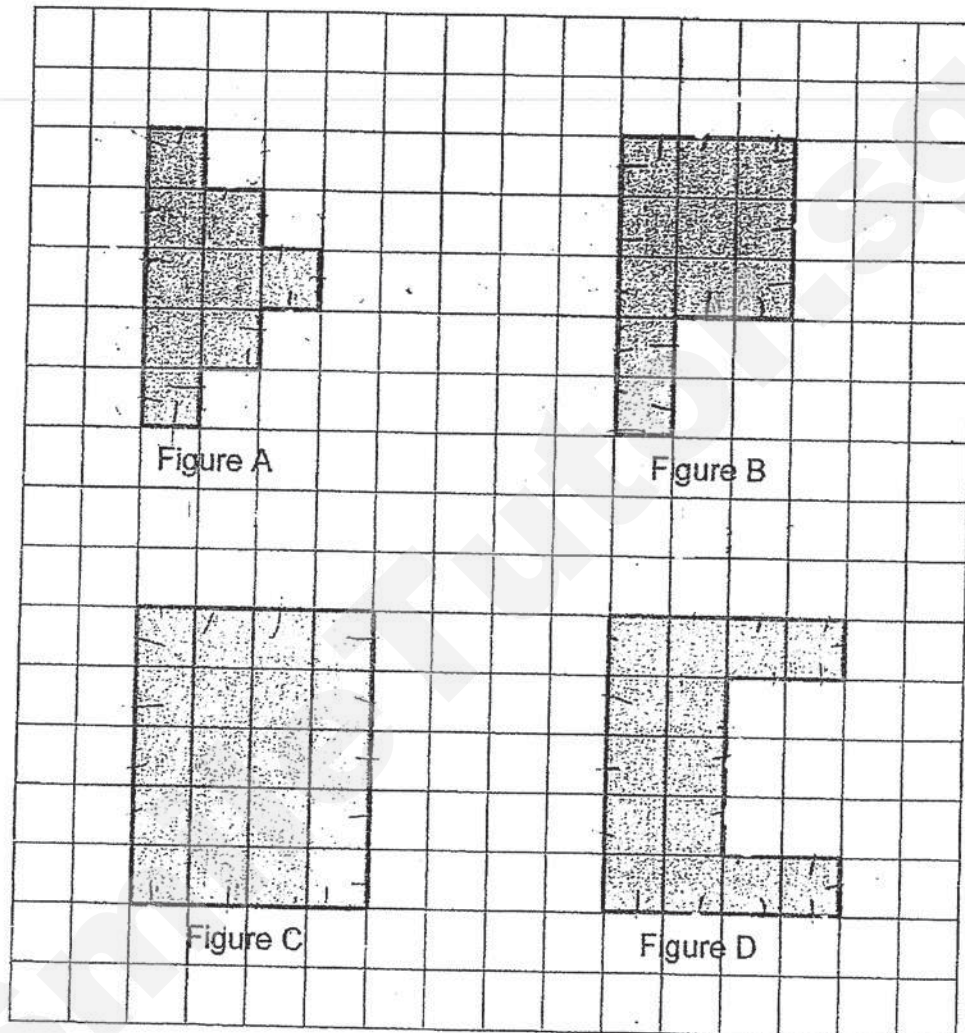
- (1) 7
- (2) 5
- (3) 3
- (4) 4

8. Which of the following pairs of lines in the figure is perpendicular?



- (1) AB and ED
- (2) AB and FC
- (3) CF and CD
- (4) DE and BD

9. Which of the figures shown in the grid below has the largest perimeter?

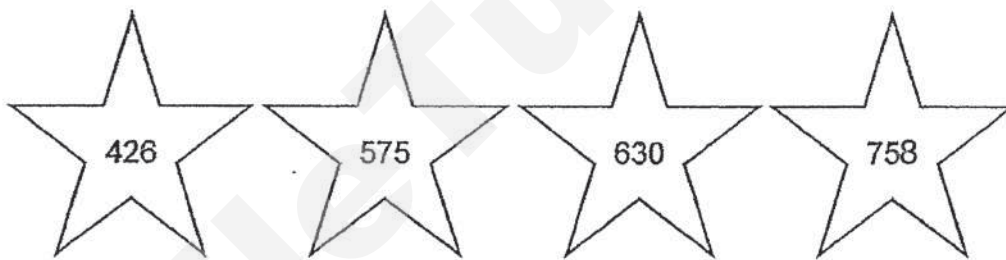


- (1) Figure A
- (2) Figure B
- (3) Figure C
- (4) Figure D

10. Amos baked 231 cookies. He packed them into bags. Each bag contained 9 cookies. What was the least number of bags Amos used to pack all the cookies?

- (1) 19
- (2) 25
- (3) 26
- (4) 31

11. Look at the numbers below.



How many even numbers are there?

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

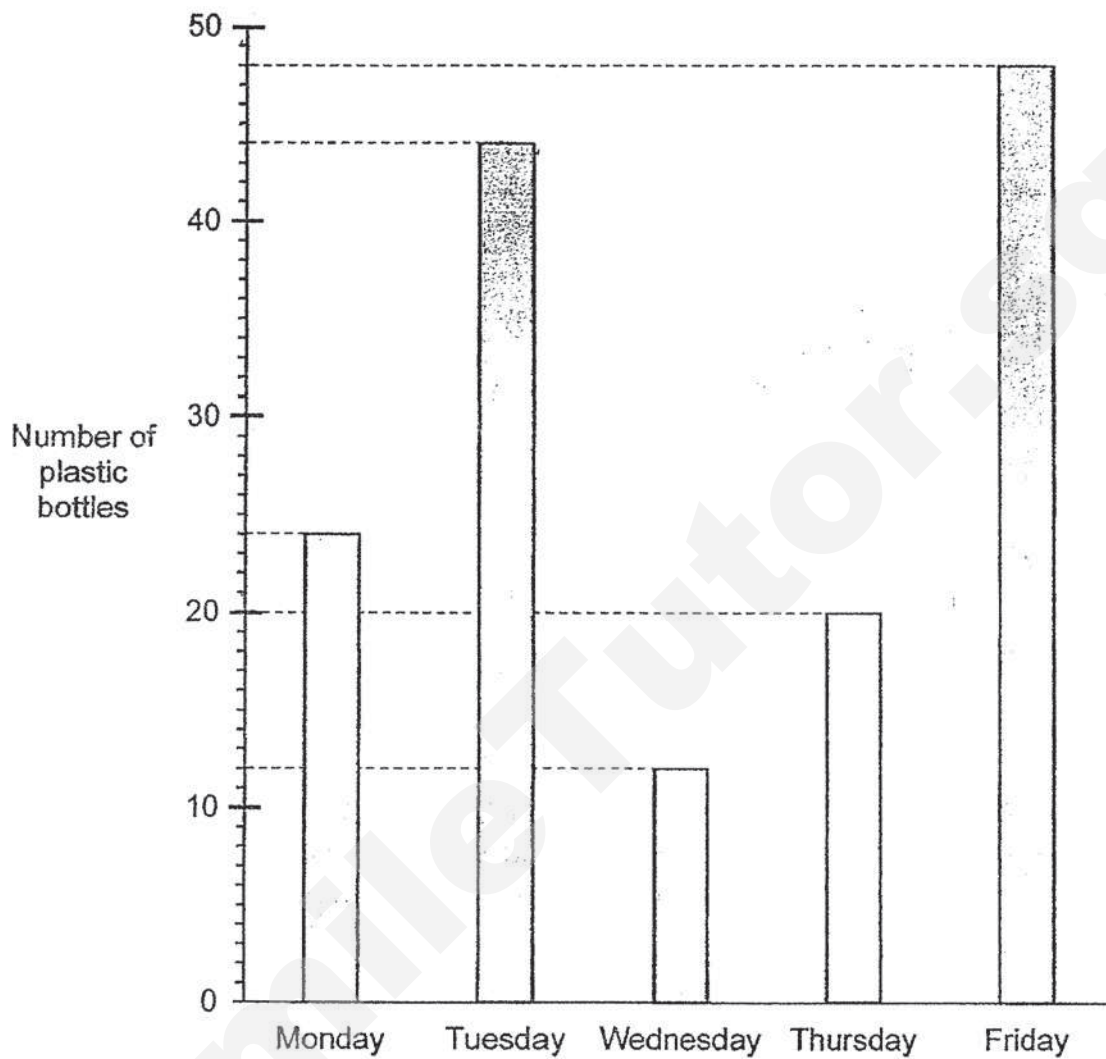
12.

$$\begin{array}{r} 54 \text{ R}2 \\ 3 \overline{) \boxed{?}} \end{array}$$

What is the missing number in the box?

- (1) 108
 - (2) 111
 - (3) 162
 - (4) 164
13. Selvi took 1 h 35 min to complete her homework. She took another 45 min to learn her spelling. She finished learning her spelling at 5.50 p.m. At what time did she start doing her homework?
- (1) 3.30 p.m.
 - (2) 4.15 p.m.
 - (3) 5.05 p.m.
 - (4) 8.10 p.m

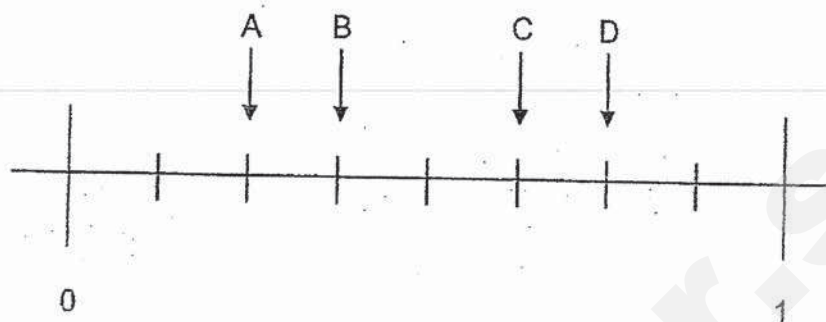
14. The bar graph below shows the number of plastic bottles collected by a group of pupils for a recycling project in 5 days.



The number of plastic bottles collected on Monday was twice the number of plastic bottles collected on _____.

- (1) Tuesday
- (2) Wednesday
- (3) Thursday
- (4) Friday

15. Which of the following letters represents $\frac{3}{8}$?



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

End of Booklet A

Name: _____ ()

Class: Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

2019 End-Year Assessment

Booklet B

22 October 2019

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

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 14 printed pages.

Section B (15 x 2 marks)

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

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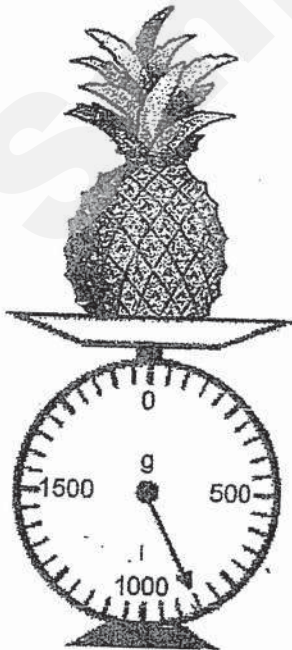
16. What is the value of 4 thousands, 5 hundreds and 3 ones?

Ans : _____

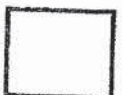
17. 2811 is _____ more than 2537.

Ans : _____

18. Find the mass of the pineapple. Express your answer in grams.



Ans : _____ g



19. _____ - \$17.95 = \$13.50

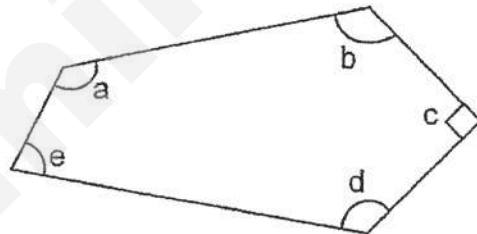
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Ans : \$ _____

20. What must be added to $\frac{4}{7}$ to make one whole?

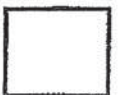
Ans : _____

21. Study the figure below.

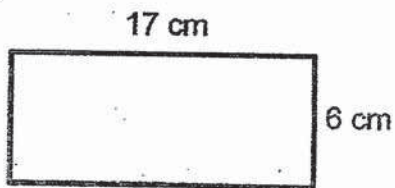


Each statement below is either true or false from the information shown in the figure above. For each statement, put a tick in the correct column.

Statement	True	False
Angles c and e are acute angles.		
Angles a, b and d are obtuse angles.		



22. The figure below shows a rectangle of length 17 cm and breadth 6 cm. What is the area of the rectangle?



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space

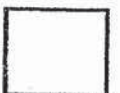
Ans : _____ cm^2

23. 28 rows of 5 chairs each are needed for a concert in the hall. There are already 100 chairs in the hall. How many more chairs are needed?

Ans : _____

24. 5 years ago, Li Ting was 13 years old and her mother was 3 times as old as she was. How old is her mother now?

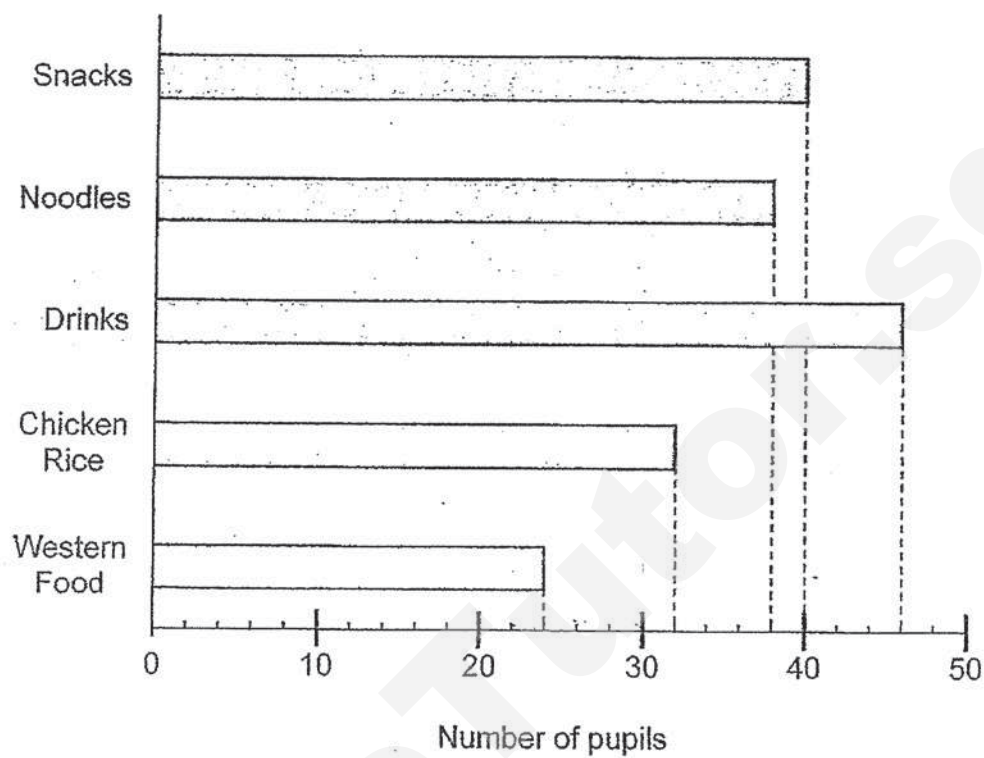
Ans : _____



Use the bar graph below to answer Question 25.

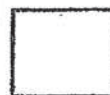
The bar graph shows the number of pupils buying food and drinks from the different stalls at a canteen during recess on a school day.

Do not write
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25. Find the total number of pupils who bought food and drinks from the five stalls.

Ans : _____



26. Joanne went to a cinema. The table below shows the start times and end times of the movies shown at the cinema.

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in this space

Movie	Starts at	Ends at
The Tiger King	1.15 p.m.	3.10 p.m.
Spider Woman	2 p.m.	4.30 p.m.
The Crayon Boy	4.30 p.m.	6.15 p.m.

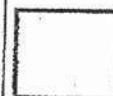
Joanne watched a movie that lasted 1 h 45 min. Which movie did she watch?

Ans : _____

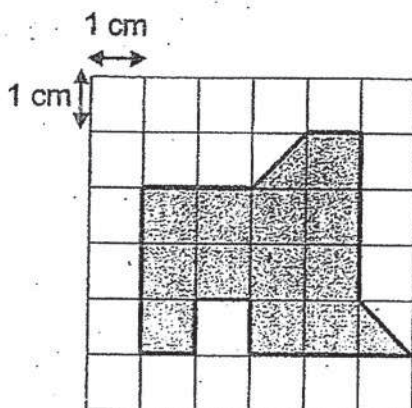
27. Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{2}, \quad \frac{2}{3}, \quad \frac{8}{9}$$

Ans : _____ , _____ , _____
greatest smallest



28. Find the area of the shaded figure.



Do not write
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space

Ans : _____ cm^2

29. Lawrence bought a notebook for \$7.50. He gave the cashier 2 five-dollar notes and 3 twenty-cent coins. How much change did he receive?

Ans : \$ _____



30. Macy had three times as many sweets as Nurul at first. After Nurul bought another 8 sweets and Macy gave away 10 sweets, Nurul and Macy had the same number of sweets. How many sweets did Nurul have at first?

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Ans : _____

☐

Section C (20 marks)

For questions 31 to 36, show your workings clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

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31. A shop owner had some guppies. In the morning, he sold 147 guppies. In the afternoon, he bought another 50 guppies. He had 131 guppies in the end. How many guppies did he have at first?

Ans : _____ [3]

☐

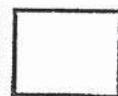
32. Mrs Koh gave 162 bookmarks to 19 girls and some boys. Each boy received 3 bookmarks and each girl received 6 bookmarks.

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- (a) How many bookmarks did the girls receive altogether?
(b) How many boys did Mrs Koh give the bookmarks to?

Ans : (a) _____ [1]

(b) _____ [2]



33. Ravi bought a total of 15 pens and notebooks in a bookshop. He spent \$48 altogether.

- (a) He gave the cashier some money and received a change of \$2. How much did he give the cashier?
- (b) Each pen cost \$2 and each notebook cost \$5. How many notebooks did he buy?

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Ans : (a) _____ [1]

(b) _____ [2]



34. Charmaine had 253 red beads, yellow beads and green beads in total. She had 125 more red beads than yellow beads and 6 times as many green beads as yellow beads. How many yellow beads did Charmaine have?

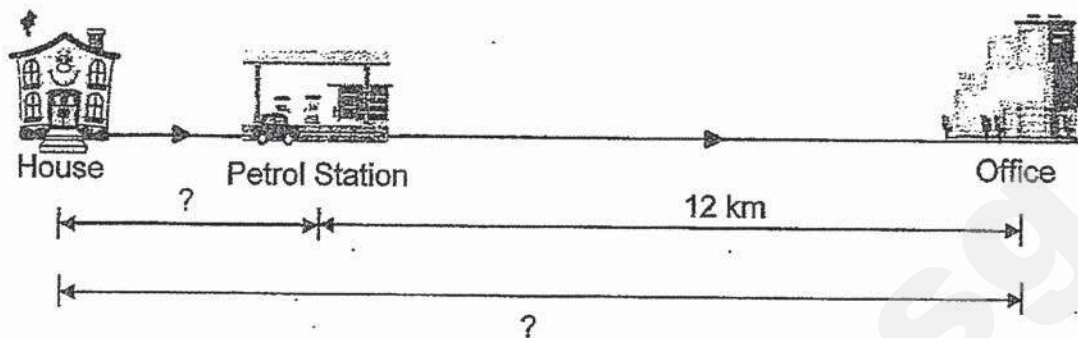
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Ans : _____ [3]

☐

35. Jonathan drove from his house to the petrol station and then to his office as shown in the figure below.

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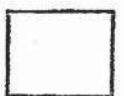


The distance from his house to the office is 4 times the distance from his house to the petrol station.

- (a) What is the distance between his house and the petrol station?
(b) What is the distance between his house and the office?

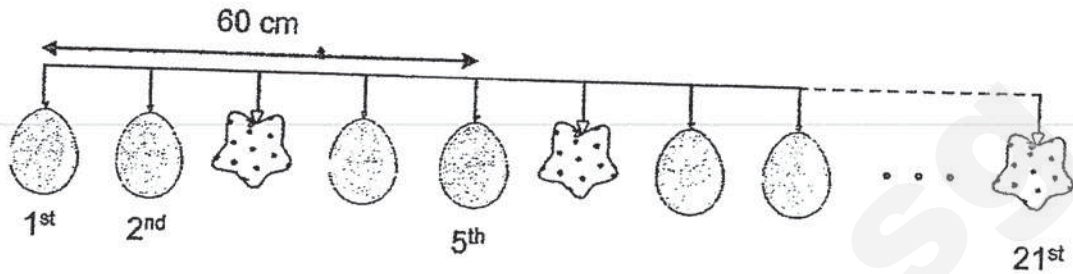
Ans : (a) _____ [2]

(b) _____ [2]



36. The figure below shows a balloon decoration. All the balloons were placed at an equal distance apart from each other. One star-shaped balloon was placed after every two oval-shaped balloons as shown.

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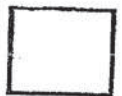


The distance between the 1st balloon and the 5th balloon was 60 cm.

- (a) What was the distance between the 1st balloon and the 10th balloon?
(b) There was a total of 21 balloons on the decoration. How many star-shaped balloons were there?

Ans : (a) _____ [2]

(b) _____ [2]



****End of Paper****

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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : CHIJ ST NICOLAS GIRL'S SCHOOL
SUBJECT : MATHEMATICS
TERM : EYA

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

Q16 4503

Q17 274

Q18 850G

Q19 \$3145

Q20 $\frac{3}{7}$

Q21 False

True

Q22 102cm²

Q23 40

Q24 44 year old

Q25 180

Q26 The Crayon Boy

Q27 $\frac{8}{9}, \frac{2}{3}, \frac{1}{2}$

Q28 13cm^2

Q29 \$3.10

Q30 Nurul had 9 sweets at first.

Q31 He had 228 guppies at first.

Q32 (a) The girls receive 114 bookmarks altogether.

(b) Mrs Ken gave the book marks to 16 boys

Q33 (a) \$50

(b) 6

Q34 16

Q35 (a) The distance between them is 4km

(b) The distance is 16km

Q36 (a) The distance is 35cm

(b) There were 7 star shaped ballons

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HENRY PARK PRIMARY SCHOOL
2019 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 3

Name: _____ ()

Parent's Signature

Class: Primary 3 _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	13
Section B (Open-Ended)	45
Section C (Problem Sums)	22
Total	80

Section A: Multiple Choice Questions (13 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 9 carry 2 marks each.

Choose the correct answer and write its number in the brackets provided.

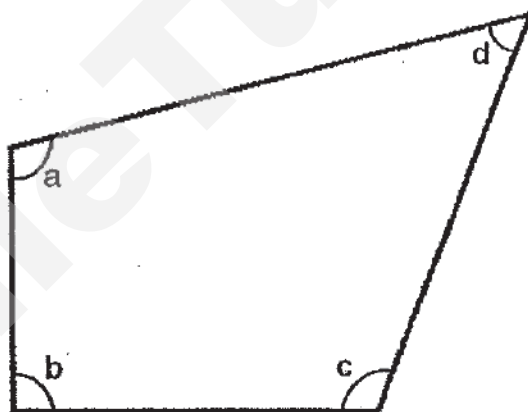
You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. The value of the digit '7' in 8974 is _____.

- (1) 7
- (2) 70
- (3) 700
- (4) 7000

()

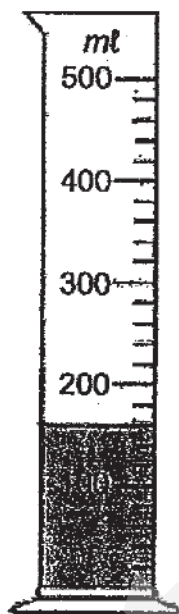
2. In the figure below, which angle is an acute angle?



- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

()

3. What is the volume of water in the cylinder shown below?



- (1) 130 ml
(2) 140 ml
(3) 160 ml
(4) 180 ml

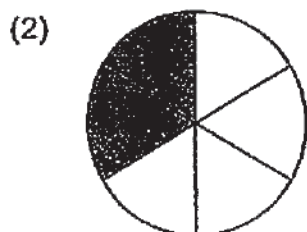
()

4. Express 2 hours 19 minutes in minutes.

- (1) 79 minutes
(2) 119 minutes
(3) 139 minutes
(4) 219 minutes

()

5. Which one of the following has $\frac{1}{4}$ of the figure shaded?



()

6. What is 5 hundreds more than 4637?

- (1) 5137
(2) 4687
(3) 4642
(4) 4137

()

7. Which one of the following numbers can be divided exactly by 6 and by 9?

(1) 42

(2) 45

(3) 48

(4) 54

()

8. Find the product of 234 and 5.

(1) 1170

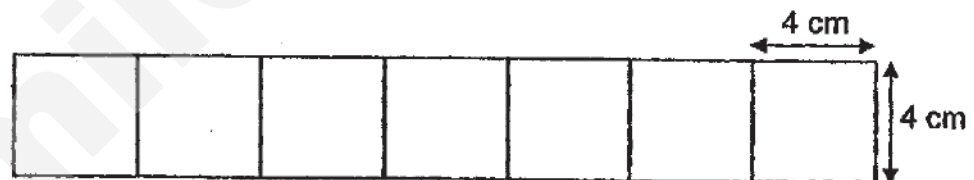
(2) 1150

(3) 1070

(4) 1050

()

9. Johnny placed seven squares of the same size together to form a rectangle as shown below. Find the perimeter of the rectangle Johnny formed.



(1) 32 cm

(2) 64 cm

(3) 88 cm

(4) 112 cm

()

(Go on to Section B)

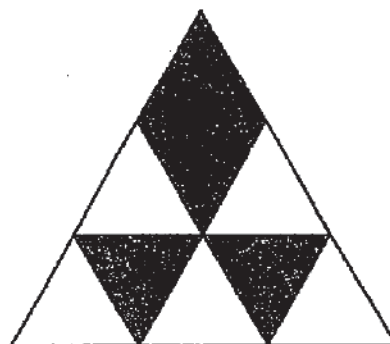
Section B: Open-Ended Questions (45 marks)

Questions 10 to 14 carry 1 mark each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

10. Express 1270¢ in dollars and cents.

11. Find an equivalent fraction of $\frac{4}{7}$.

12. The figure below is made of identical triangles. What fraction of the figure is shaded?



13. Cup A contains 350 *ml* of water. Cup B contains 33 *ml* of water less than Cup A. What is the volume of water in Cup B?

ml

14. Mindy left home for school at 6.50 a.m.
She arrived at school at 7.25 a.m.
How long was the journey from home to school?

minutes

Questions 15 to 34 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

15. Find the difference between 214 and 7053.

16. What is the quotient and remainder when 109 is divided by 3?

	R
--	---

17. Using all the digits given below,

5

2

8

3

- a) form the smallest 4-digit number.

- b) form the greatest 4-digit odd number.

18. Study the number pattern below,

3480 , 3560 , 3640 , 3720 , , 3880

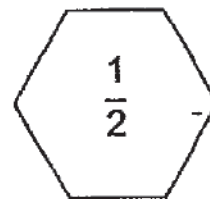
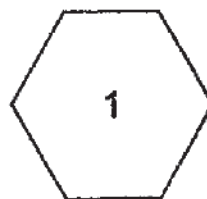
What is the missing number in the box?

19. Find the value of $\frac{1}{12} + \frac{7}{12}$. Give your answer in its simplest form.

20. What is the missing fraction in the box?

$$\frac{5}{9} - \boxed{?} = \frac{1}{3}$$

21. Arrange the fractions in order. Begin with the greatest.



greatest

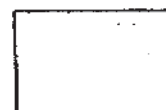
22. Write

- a) 408 cm in metres and centimetres

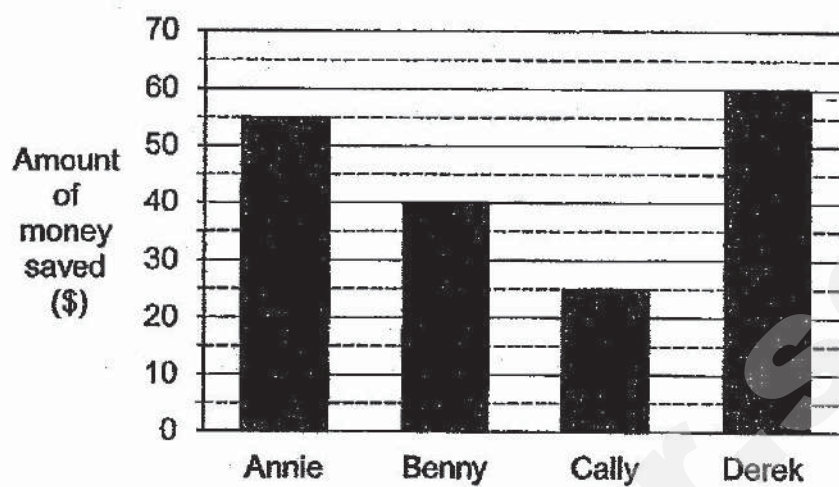
m	cm
---	----

- b) 3 kg 56 g in grams

g



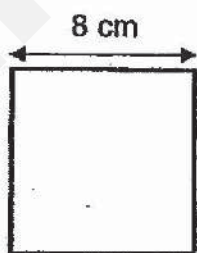
23. The bar graph below shows the amount of money saved by four children.



Find the total amount of money saved by the four children.

\$

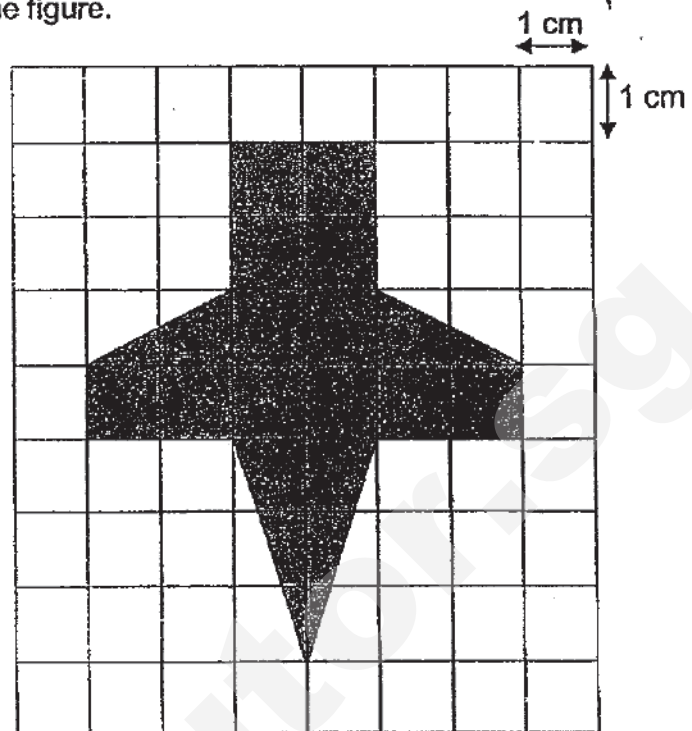
24. Find the area of the square shown below.



cm²

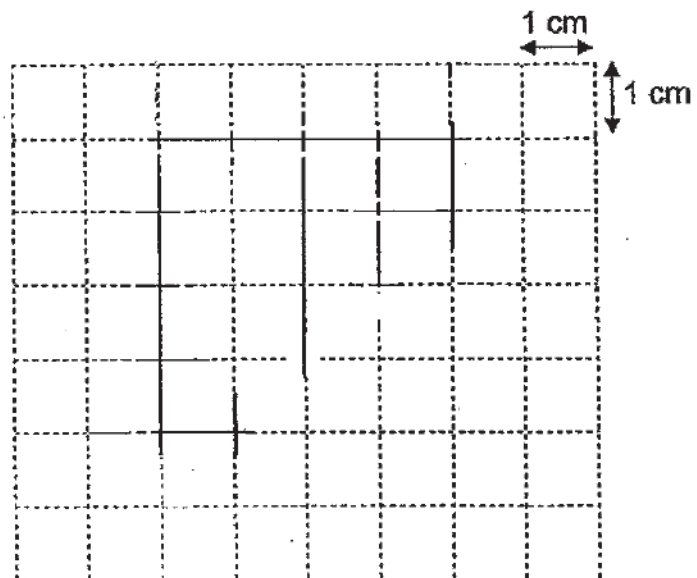


- 25a. The figure shown below is drawn on a 1-cm square grid.
Find the area of the figure.



cm²

- 25b. In the square grid given below, draw a figure with an area of 11 cm².



26. After spending \$2840 on a television set, Janice was left with \$579.
How much money did Janice have at first?

27. Mrs Chua bought 8 packets of sweets. In each packet, there were 6 sweets.
She gave away 35 sweets to her friend. How many sweets had Mrs Chua left?

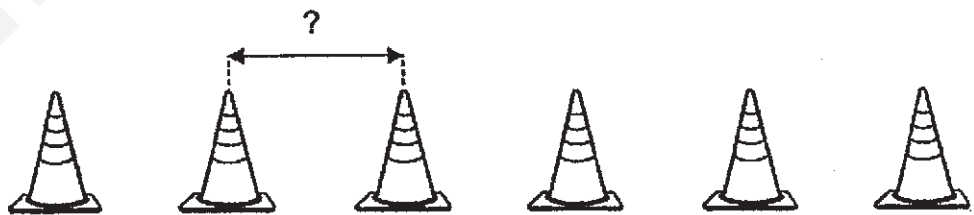
28. John had some marbles. He put them equally into 8 bags.
There were 19 marbles in each bag and 6 marbles left.
How many marbles did John have at first?

29. A table costs thrice as much as a chair. The table and the chair cost \$432.
What is the cost of the chair?

\$

30. Mother baked some muffins in the morning. She gave 24 of them to her neighbour. After that, she baked another 7 muffins in the afternoon. She then had 35 muffins. How many muffins did Mother bake in the morning?

31. Siti arranges 6 cones at an equal distance apart. The distance between the first and the last cone is 120 m. What is the distance between each cone?

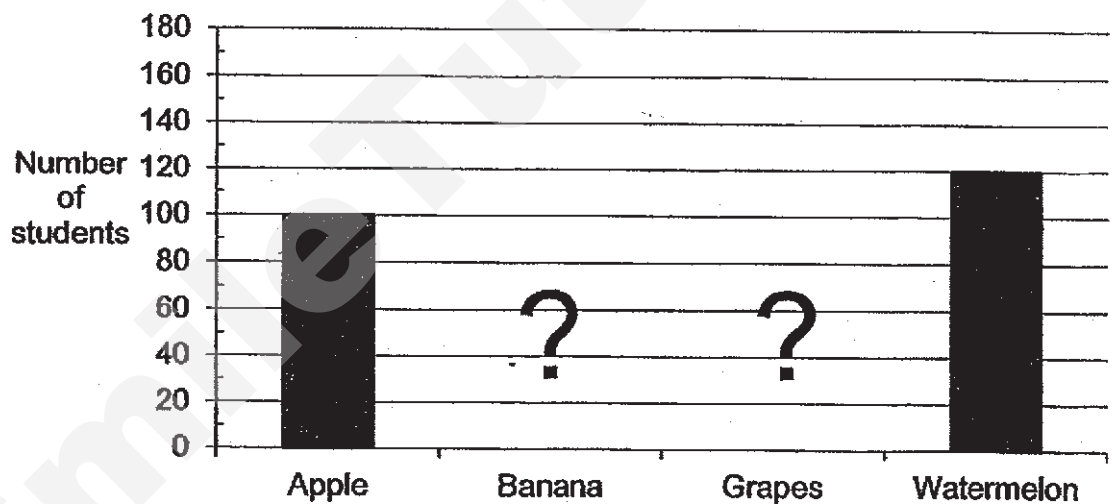


m

32. The mass of a basket containing 7 identical coins is 790 g.
The mass of the basket when it is empty is 650 g. Find the mass of 1 coin.

9

33. The graph below shows the different types of fruits a group of students was given at a camp. Each child was given only one type of fruit. The bars showing the number of students who were given bananas and grapes were not drawn.



There were a total of 300 students at the camp. The number of students who were given bananas and grapes were the same. How many students were given grapes?

34. Students on a learning journey were put into two groups, Group A and Group B. There were 26 fewer students in Group A than in Group B.

Each statement below is either True or False from the information given. For each statement, put a tick (✓) in the correct column.

	Statement	True	False
a)	After 13 students from Group B joined Group A, there will be an equal number of students in both groups.		
b)	The total number of students who went on the learning journey was an odd number.		



Name: _____ () Class: Pr 3 _____

Section C: Problem Sums (22 marks)

Read the problem sums carefully before solving it. Show your working and write your word statements clearly. The number of marks available is shown in brackets [] at the end of each question or part-question.

35. Jack has 114 pencils. Paul has 28 more pencils than Jack.
Jack has twice as many pencils as Caleb.

a) How many pencils does Paul have?

[2 marks]

Working

b) How many pencils does Caleb have?

[2 marks]



36. Marie bought a school bag and a storybook for \$64.75.
The storybook cost \$17.95.

a) How much did the school bag cost? [2 marks]

Working

b) Marie gave the cashier \$70. How much change did
Marie receive? [2 marks]



37. On Monday, Peter studied for 3 h 15 min.

- a) Given that Peter started studying at 2.30 p.m. ,
what time did Peter finish studying on Monday?

[2marks]

Working

- b) On Tuesday, Peter studied for 2 h 5 min.
How much longer did Peter study on Monday than on
Tuesday?

[2marks]



38. Mrs Tan had 150 sweets at first. She gave 3 sweets to each of her student. She had 45 sweets left. How many students were there in Mrs Tan's class?
[3 marks]

Working



39. Mr Tang bought 3 cartons of mango juice. In each carton, there were 8 bottles of mango juice. Each bottle contained 2ℓ of mango juice. How many litres of mango juice did Mr Tang buy altogether? [3 marks]

Working



40. At a carnival, children could earn points by playing games. The points earned could be used to exchange for prizes. The table below shows the number of points needed to exchange for each prize.

Prize	Chocolate Bar	Pencil Case	Teddy Bear	Toy Car	Water Bottle
Points needed	160	460	840	310	230

- a) Grace exchanged some of her points for a teddy bear and a water bottle. She then had 90 points left.
How many points had she at first? [2 marks]

Working

- b) Henry earned a total of 1000 points. He exchanged all his points for three different prizes. What were the three different prizes Henry exchanged his points for? [2 marks]

-END OF PAPER-

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SCHOOL : HENRY PARK PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q10)	\$12.70
Q11)	$\frac{8}{14}$
Q12)	$\frac{4}{9}$
Q13)	$350 - 33 = 317 \text{ ml}$
Q14)	35 minutes
Q15)	$7053 - 214 = 6839$
Q16)	36 R1
Q17)	a) 2358 b) 8523
Q18)	3800
Q19)	$\frac{8}{12} \div 4 = \frac{2}{3}$
Q20)	$\frac{1}{3} \times 3 = \frac{3}{9}$ $\frac{5}{9} - \frac{3}{9} = \frac{2}{9}$
Q21)	$1, \frac{3}{4}, \frac{1}{2}, \frac{5}{12}$

Q22)	a) 4m 8cm b) 3056g
Q23)	\$180
Q24)	64cm ²
Q25)	a) 17cm ² b) <div data-bbox="584 586 1201 1068" data-label="Figure"> </div>
Q26)	$\$2840 + \$579 = \$3419$
Q27)	$48 - 35 = 13$
Q28)	$19 \times 8 = 152 + 6 = 158$
Q29)	$U = 432 \div 4 = 108$
Q30)	$35 - 7 = 28 + 24 = 52$
Q31)	24m
Q32)	$790 - 650 = 140 \div 7 = 20g$
Q33)	40
Q34)	a) True b) False
Q35)	a) $114 + 28 = 142$ b) $114 \div 2 = 57$
Q36)	a) $\$64.75 - \$17.95 = \$46.80$

	b) $\$70.00 - \$64.75 = \$5.25$
Q37)	$ \begin{array}{ccccccc} 2.30 & & (3h) & & & & 5.30 & (15min) & 5.45 \\ \hline & & & & & & & & \end{array} $ <p>Ans : 5.45p.m</p> <p>b) $3h\ 15min - 2h\ 5min = 1h\ 10min$</p>
Q38)	$150 - 45 = 105$ $105 \div 3 = 35$
Q39)	$8 \times 3 = 24$ $24 + 24 = 48$
Q40)	<p>a) $840 + 230 + 90 = 1160$</p> <p>b) $460 + 310 + 230 = 1000$</p>

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Maha Bodhi School
2019 Semestral Assessment 2
Primary 3
Mathematics
Booklet A

Name : _____ ()

Class : Primary 3 _____

Date : 30 October 2019

Total Duration for Booklets A and B: 1 h 45 min

INSTRUCTIONS TO CANDIDATES:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 7 printed pages.

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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) and shade your answer on the Optical Answer Sheet.

1. In 2815, the digit 8 stands for _____.

- (1) 8 ones
- (2) 8 tens
- (3) 8 hundreds
- (4) 8 thousands

2. Which of the following is an odd number formed using all the digits 4, 6, 7 and 8?

- (1) 8764
- (2) 7846
- (3) 6487
- (4) 4678

3. $4458 + 613 =$ _____

- (1) 3845
- (2) 4245
- (3) 5071
- (4) 5161

4. $257 \times 6 = \underline{\hspace{2cm}}$

(1) 1542

(2) 1502

(3) 1242

(4) 1202

5. Find the value of $\frac{5}{9} - \frac{1}{3}$

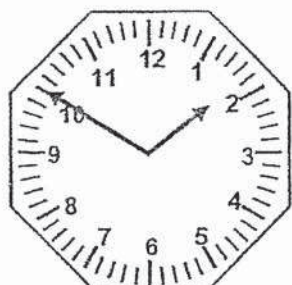
(1) $\frac{2}{6}$

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

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

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

6. Peter started playing soccer at the time shown below.
He played for 2 h 12 min. What time did he stop playing?



Start
Time

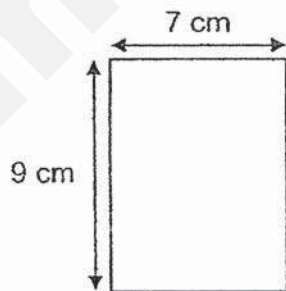
2 h 12 min later

?

Stop
Time

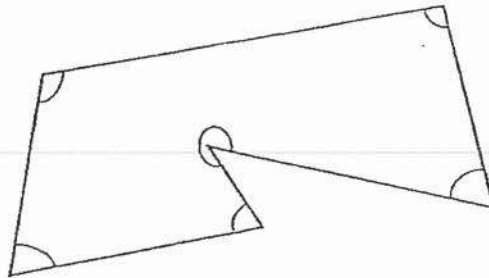
- (1) 5.02 p.m.
- (2) 4.02 p.m.
- (3) 2.50 p.m.
- (4) 1.50 p.m.

7. Find the area of a rectangle with a length of 9 cm and a breadth of 7 cm.



- (1) 16 cm^2
- (2) 25 cm^2
- (3) 32 cm^2
- (4) 63 cm^2

8. How many angles inside the figure below are smaller than a right angle?



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

9. Jim had 6840 pebbles.
He gave away 1740 pebbles.
How many pebbles had he left?

- (1) 5100
- (2) 6100
- (3) 7580
- (4) 8580

10. When a number is divided by 3, the quotient is 104 and the remainder is 2.

What is the number?

- (1) 208
- (2) 211
- (3) 312
- (4) 314

11. Mrs Lim bought 224 boxes of cupcakes.

There were 4 cupcakes in each box.

How many cupcakes did she buy?

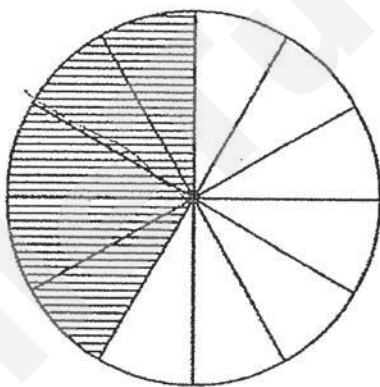
- (1) 51
- (2) 56
- (3) 886
- (4) 896

12. The mass of a primary school pupil's school bag is about _____.

- (1) 4 g
- (2) 40 g
- (3) 4 kg
- (4) 40 kg

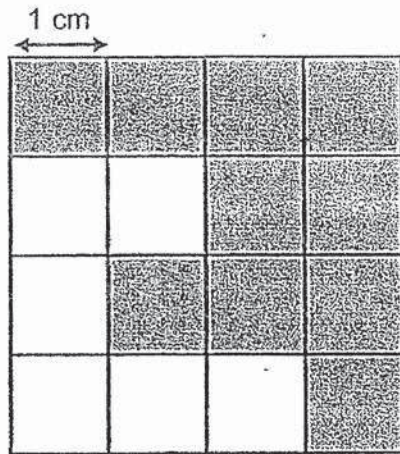
13. Elton wants to shade $\frac{3}{4}$ of the figure below. He has already shaded 5 parts.

How many more parts must he shade?



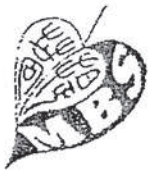
- (1) 9
- (2) 7
- (3) 3
- (4) 4

14. The following shaded figure is made up of 10 identical squares.
What is the perimeter of the shaded figure?



- (1) 10 cm
(2) 14 cm
(3) 16 cm
(4) 18 cm
15. Jiajia, Meimei, Tom and Paul have some marbles.
Jiajia has 15 more marbles than Meimei.
Meimei has 28 fewer marbles than Tom.
Paul has 10 more marbles than Jiajia.
Who has the most marbles?

- (1) Tom
(2) Paul
(3) Jiajia
(4) Meimei



Maha Bodhi School
2019 Semestral Assessment 2
Primary 3
Mathematics
Booklet B

Name : _____ ()

Class : Primary 3 _____

Date : 30 October 2019

Total Duration for Booklets A and B: 1 h 45 min

INSTRUCTIONS TO CANDIDATES:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Booklet	Marks Obtained	Max Marks
A		30
B		50
Total		80

Parent's signature: _____

This booklet consists of 14 printed pages.

Section B (30 marks)

Questions 16 to 30 carry 2 marks each.

Show your working clearly and write your answers in the spaces provided.

For questions which require units, give your answers in the units stated.

16. Write 9344 in words.

Ans: _____

17. Find the sum of 5116 and 1082.

Ans: _____

18. $9000 - 991 =$ _____

Ans: _____

19. An ant has 6 legs.
How many legs do 8 ants have?

Ans: _____ legs

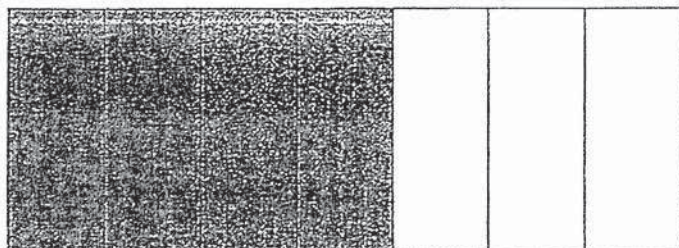
20. Find the remainder when 751 is divided by 7.

Ans: _____

21. Write $\frac{8}{12}$ in its simplest form.

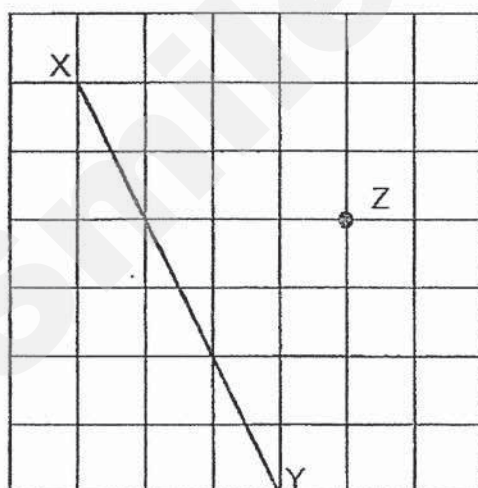
Ans: _____

22. The figure below is made up of 7 identical rectangles.
What fraction of the figure below is shaded?



Ans: _____

23. Draw a line parallel to XY passing through Point Z.



24. Complete the number pattern.

766, 646, 526, 406, _____, 166

Ans: _____

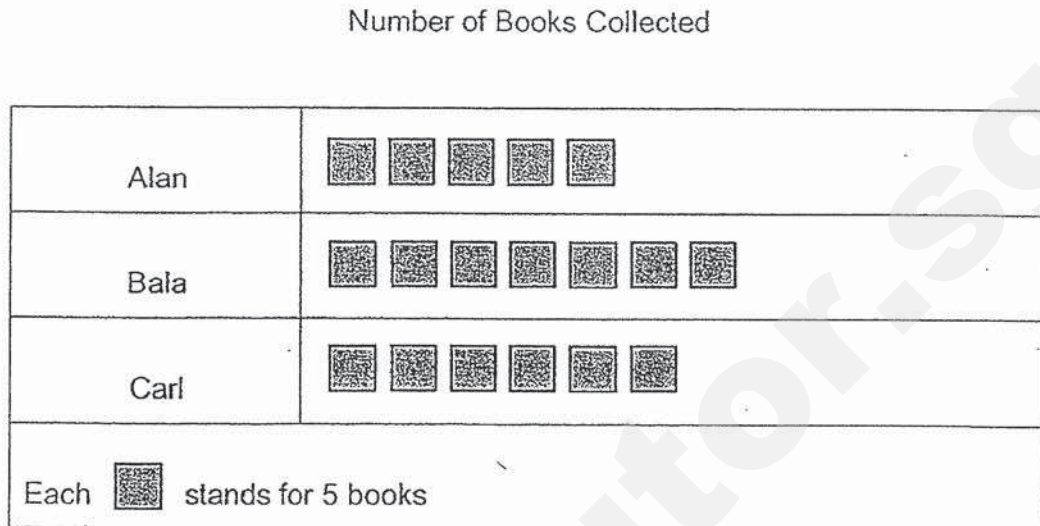
25. Adam had 586 stickers.

He packed 8 stickers each into some bags and had some stickers left over.

How many stickers are packed into the bags altogether?

Ans: _____ stickers

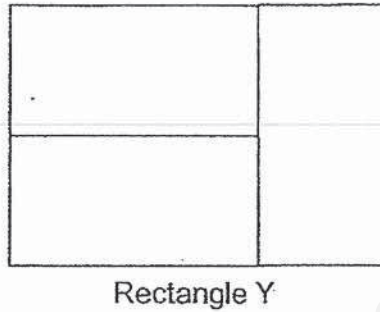
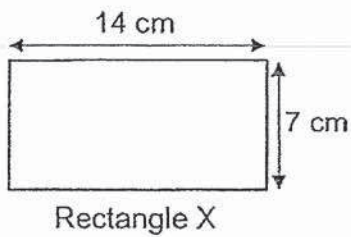
26. The picture graph below shows the collection of books from 3 boys.
Study the graph carefully.



How many books did the three boys collect altogether?

Ans: _____ books

27. Rectangle Y below is made up of three Rectangle Xs.
Find the perimeter of Rectangle Y.

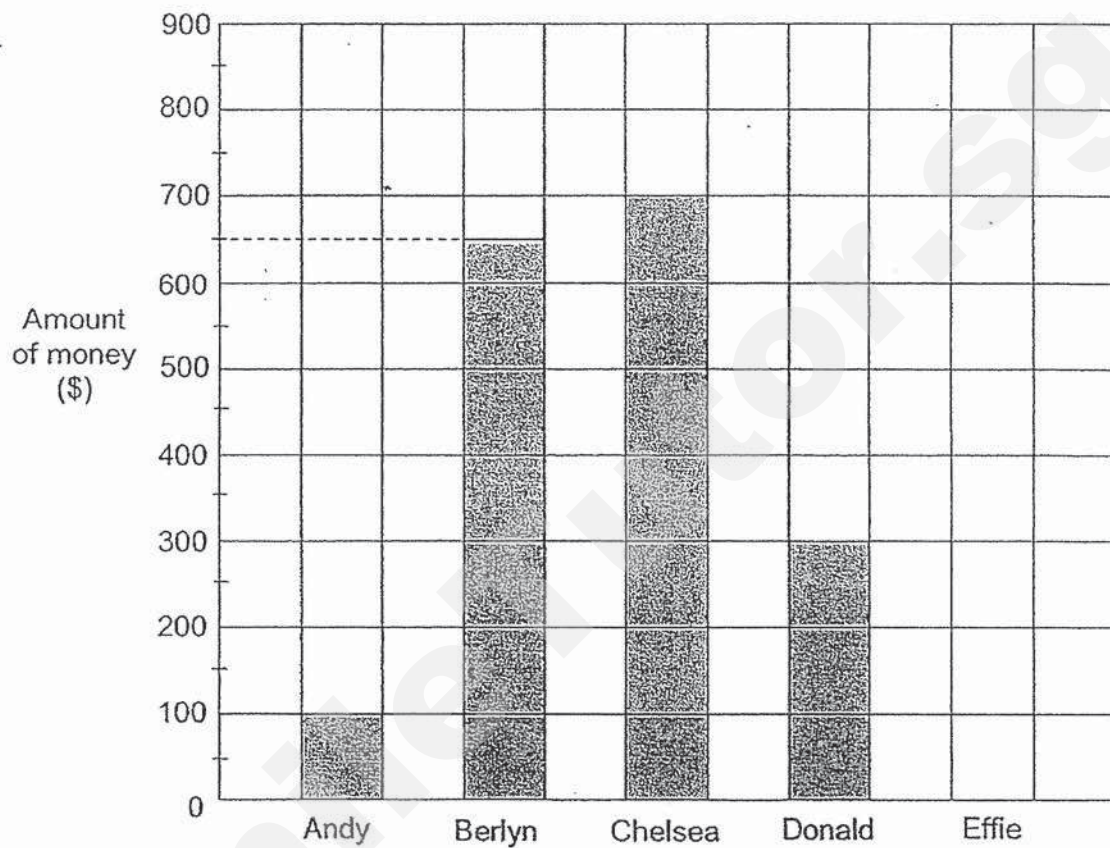


Ans: _____ cm

28. Alvin, Betty and Caleb have 68 candies.
Alvin has as many candies as Caleb.
Betty has 14 more candies than Alvin.
How many candies does Alvin have?

Ans: _____ candies

29. The bar graph below shows the amount of money saved by five children.
The bar for the amount of money saved by Effie has not been drawn.
Study the bar graph carefully.



The amount of money saved by Effie was twice the total amount of money saved by Andy and Donald. How much did Effie save?

Ans: \$ _____

30. In School XYZ, the duration of each period in the time table is 40 min.

The first period starts at 8.30 a.m.

At what time does the 3rd period start?

Ans: _____ a.m.

Section C (20 marks)

Questions 31 to 34 carry 3 marks each.

Questions 35 and 36 carry 4 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. The number of marks available is shown in brackets [] at the end of each question or part-question.

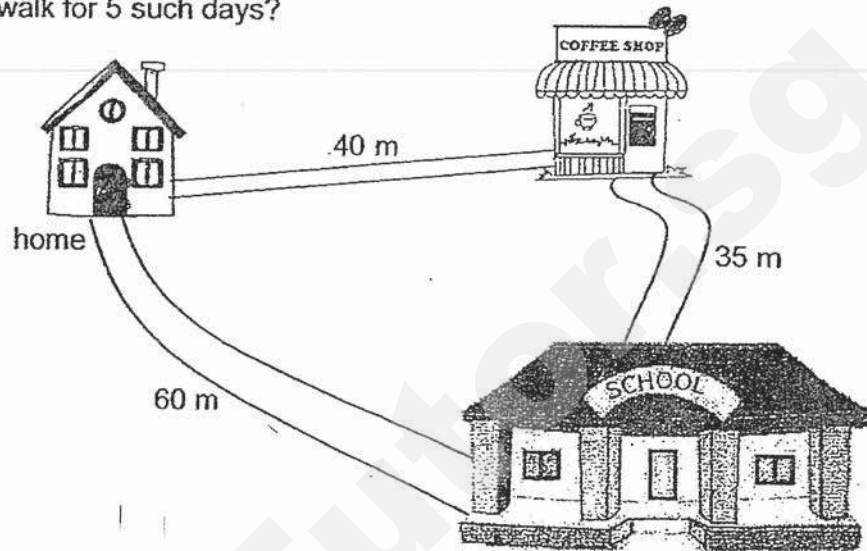
-
31. Kai has 1674 stamps and Ali has 234 stamps.
Siti has 167 more stamps than Ali.
How many stamps do Siti and Kai have altogether?

Ans: _____ [3]

B-9

/ 3

32. Every day, Weiming walks 60 m from his home to school.
After school, he walks 35 m to the coffee shop.
From the coffee shop, he walks 40 m back home.
How far does he walk for 5 such days?



Ans: _____ [3]

33. Josh made 785 ml of lemonade.

He poured equal amounts of the lemonade into 6 glasses and had 5 ml left.

How much lemonade was there in each glass?

Ans: _____ [3]

34. Uncle Chen started to make a kite at 8.00 a.m. He completed it at 9.40 a.m.
Uncle Meng took 15 min more than Uncle Chen to make a kite.
How long did Uncle Meng take to make the kite?

Ans: _____ [3]

35. Mary and John were in a shop.

Mary bought a watch for \$78.30. She gave the cashier a \$100 note.

(a) How much change did Mary receive?

(b) John bought a bag for \$35.60.

How much more did the watch cost than the bag?

Ans: (a) _____ [2]

(b) _____ [2]

36. Mr Low bought one burger at \$6.
a) How much do 9 burgers cost?

One burger cost as much as 3 packets of fries.

- b) How many packets of fries can Mr Low buy with \$24?

Ans: (a) _____ [2]

(b) _____ [2]

/ 4



*Remember to check your work!
End of Paper*

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SCHOOL : MAHA BODHI PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

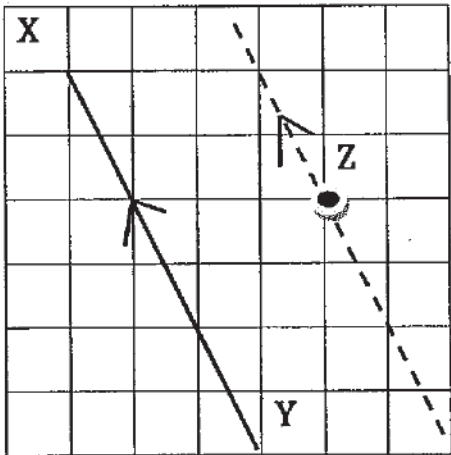
TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q16)	nine thousand, three hundred and forty-four
Q17)	$5116 + 1082 = 6198$
Q18)	$9000 - 991 = 8009$
Q19)	$6 \times 8 = 48$
Q20)	$751 \div 7 = 107 \text{ R } 2$
Q21)	$\frac{2}{3}$
Q22)	$\frac{4}{7}$

Q23)	
Q24)	$406 - 120 = 286$
Q25)	584
Q26)	$30 + 35 + 25 = 90$
Q27)	$14 \times 2 = 28$ $21 \times 2 = 42$ $28 + 42 = 70$
Q28)	$14 + 14 = 28$ $68 + 28 = 96$ $96 \div 3 = 32 - 14 = 18$ candies
Q29)	$400 \times 2 = \$800$
Q30)	9.50a.m.
Q31)	$234 + 167 = 401$ $1674 + 401 = 2075$ stamps
Q32)	$60 + 40 = 100$ $100 + 35 = 135$ $135 \times 5 = 675\text{m}$
Q33)	$785 - 5 = 780$ $780 \div 6 = 130\text{ml}$

Q34)	<div style="text-align: center;"> $\begin{array}{c} \text{1h} \qquad \qquad \text{40min} \qquad \qquad \text{15min} \\ \hline \text{8.00a.m.} \qquad \qquad \text{9.00a.m.} \qquad \qquad \text{9.40a.m.} \qquad \qquad \text{9.55a.m.} \end{array}$ </div> <p>ANS : 1h 55min</p>
Q35)	<p>a) $\\$100.00 - \\$78.30 = \\$21.70$</p> <p>b) $\\$78.30 - \\$35.60 = \\$42.70$</p>
Q36)	<p>a) $\\$6 \times 9 = \\54</p> <p>b) $6 \div 3 = 2$</p> <p>$24 \div 2 = 12$</p>

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MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 2

PRIMARY 3 MATHEMATICS

25 OCTOBER 2019

BOOKLET A

17 questions

30 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____ ()

CLASS : PRIMARY 3 _____

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A: 30 marks

Questions 1 to 4 carry 1 mark each. Questions 5 to 17 carry 2 marks each.

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

1. The value of the digit 5 in 1569 is _____.

- (1) 5 ones
- (2) 5 tens
- (3) 50 ones
- (4) 50 tens

2. 5 km 4 m = _____

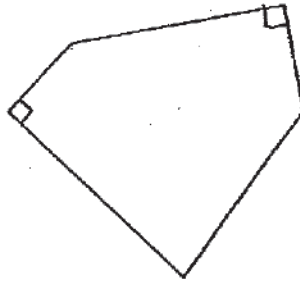
- (1) 504 m
- (2) 5004 m
- (3) 5040 m
- (4) 5400 m

3. Which of the fractions below is in the simplest form?

- (1) $\frac{2}{4}$
- (2) $\frac{3}{7}$
- (3) $\frac{6}{9}$
- (4) $\frac{8}{12}$

4. How many right angles are there inside the figure?

- (1) 1
- (2) 2
- (3) 3
- (4) 0



5. Find the sum of $\frac{1}{6}$ and $\frac{2}{3}$.

- (1) $\frac{1}{3}$
- (2) $\frac{3}{9}$
- (3) $\frac{4}{6}$
- (4) $\frac{5}{6}$

6. Moses started swimming in an indoor swimming pool at the time shown below. He swam for 45 minutes. What time did he finish his swim?



- (1) 1.05 p.m.
- (2) 1.50 p.m.
- (3) 2.35 p.m.
- (4) 3.35 p.m.

7. $72 \div \underline{\hspace{2cm}} = 3 \times 3$

- (1) 8
- (2) 9
- (3) 12
- (4) 63

8. 9 packets of flour weigh 3015 g. Find the mass of 1 packet of flour.

- (1) 35 g
- (2) 306 g
- (3) 335 g
- (4) 345 g

9. Janice took 3 h 5 min to complete both her Science and English test papers. She took 1 h 50 min to complete her English test paper. How long did she take to complete her Science test paper?

- (1) 1 h 15 min
- (2) 1 h 55 min
- (3) 2 h 45 min
- (4) 4 h 55 min

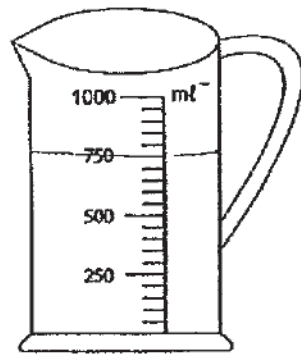
10. What is the missing number in the box?

$$\frac{6}{9} = \frac{\boxed{}}{12}$$

- (1) 9
- (2) 8
- (3) 3
- (4) 4

11. Amira bought a blouse for \$19.95 and a dress for \$39.50. She gave the cashier \$100. How much change did she get?
- (1) \$19.55
 - (2) \$30.05
 - (3) \$40.55
 - (4) \$59.45
12. Andrew has 6 vases. He puts 3 roses and 4 sunflowers in each vase. How many flowers are in the vases altogether?
- (1) 13
 - (2) 18
 - (3) 24
 - (4) 42
13. A bakery baked 324 cakes on Sunday. It baked 168 more cakes on Sunday than on Saturday. How many cakes were baked on both days?
- (1) 480
 - (2) 492
 - (3) 660
 - (4) 816
14. Ahmad is twice as old as Cindy. Benson is 3 years older than Ahmad. How old is Cindy if Benson is 25 years old?
- (1) 11
 - (2) 14
 - (3) 17
 - (4) 22

15. Find the difference in the amount of water in Jugs A and B.

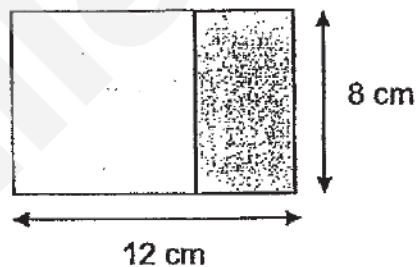


Jug A



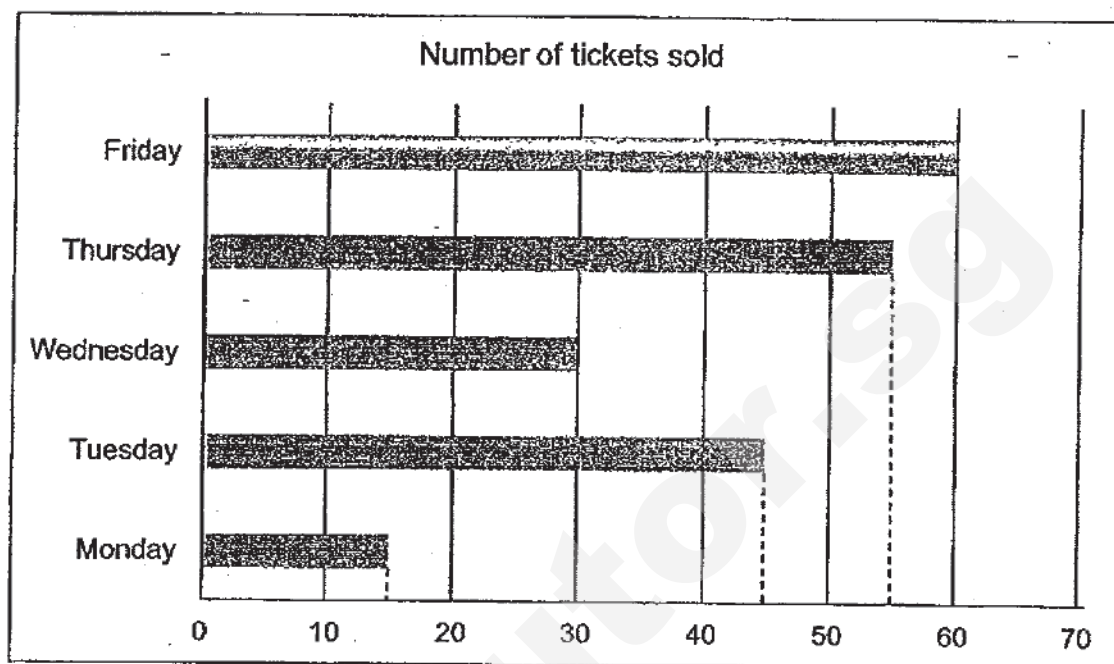
Jug B

- (1) 750 ml
 - (2) 780 ml
 - (3) 1050 ml
 - (4) 2550 ml
16. The figure below is made up of a square and a shaded rectangle. Find the area of the shaded rectangle.



- (1) 32 cm^2
- (2) 40 cm^2
- (3) 64 cm^2
- (4) 96 cm^2

17. The bar graph below shows the number of tickets sold at a cinema from Monday to Friday.



On which day did the cinema sell twice as many tickets as on Wednesday?

- (1) Monday
- (2) Tuesday
- (3) Thursday
- (4) Friday

End of Booklet A
Go on to Booklet B

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MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 3 MATHEMATICS
25 OCTOBER 2019
BOOKLET B

23 questions

50 marks

Total time for Booklets A and B: 1 h 45 min.

NAME : _____ ()

CLASS : PRIMARY 3 _____

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

MARKS OBTAINED :

BOOKLET A: _____ / 30

BOOKLET B: _____ / 50

TOTAL : _____ / 80

Parent's Signature: _____

Section B: 32 marks

Questions 18 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each. 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.

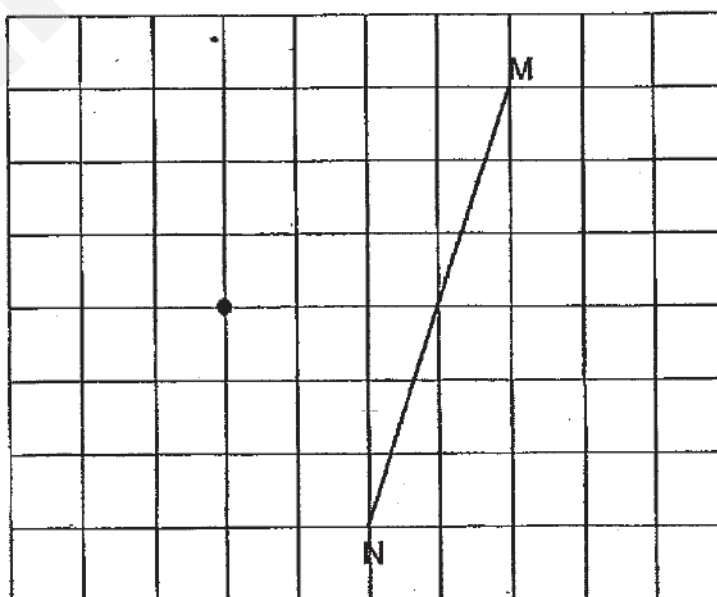
18. Use all the digits **2, 3, 6, 9** to form the greatest 4-digit odd number.

Answer: _____

19. How many \$5 notes are there in \$1000?

Answer: _____

20. Use a ruler to draw a line **parallel** to line MN. The line has to pass through the point given in the grid below.



21. 15 minutes to 10 a.m. is _____ a.m.

Answer: _____

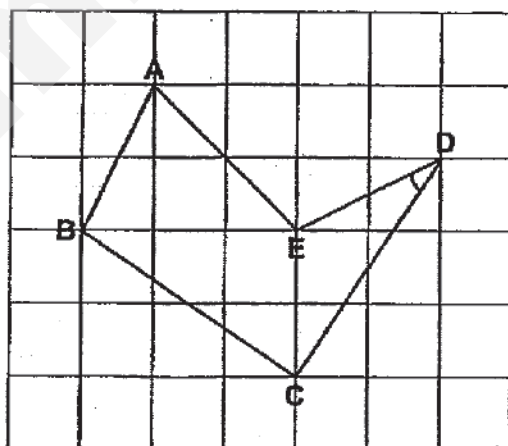
22. Mdm Roslind baked 230 muffins. She packed as many muffins as she could into 7 boxes. Each box contained an equal number of muffins. How many muffins were left over after she finished packing?

Answer: _____

23. Study the figure below carefully.

(a) Name a pair of perpendicular lines.

(b) How many angle(s) in the figure is/are smaller than a right angle?



(a) Answer: _____ \perp _____

(b) Answer: _____

24. $\frac{1}{2}$, $\frac{4}{9}$, $\frac{2}{3}$

Arrange the fractions in order, beginning with the greatest.

Answer: _____ , _____ , _____
(greatest) (smallest)

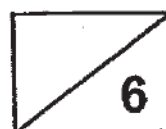
25. Study the number pattern below carefully.
What are the missing numbers?

322 , 332 , 352 , 382 , (a) , (b) , 532

Answer: (a) _____
(b) _____

26. The sum of two numbers is 136. The smaller number is 50.
Find the difference between the two numbers.

Answer: _____



27. The Tan family spent 2 h 5 min watching a movie.
The movie ended at 3.00 p.m. What time did the movie start?

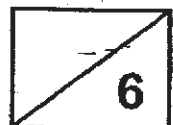
Answer: _____ p.m.

28. Mr Lim had 9 boxes of red and blue pens.
Each box contained 24 pens. He had 182 blue pens.
How many red pens did he have?

Answer: _____

29. I am a 3-digit number.
The digit in the hundreds place is the greatest even number.
The digit in the tens and ones place add up to the digit in the hundreds place.
The digit in the ones place is 2 more than the digit in the tens place.
What number am I ?

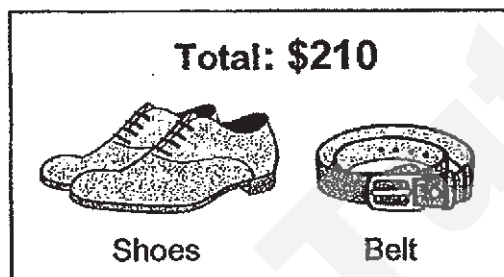
Answer: _____



30. Mr Ravi had some sweets. He gave 3 sweets to each of his 118 students. He kept 8 sweets for himself. How many sweets did he have at first?

Answer: _____

31. Jack paid \$210 for a pair of shoes and a belt. The pair of shoes cost 6 times as much as the belt. How much did the pair of shoes cost?



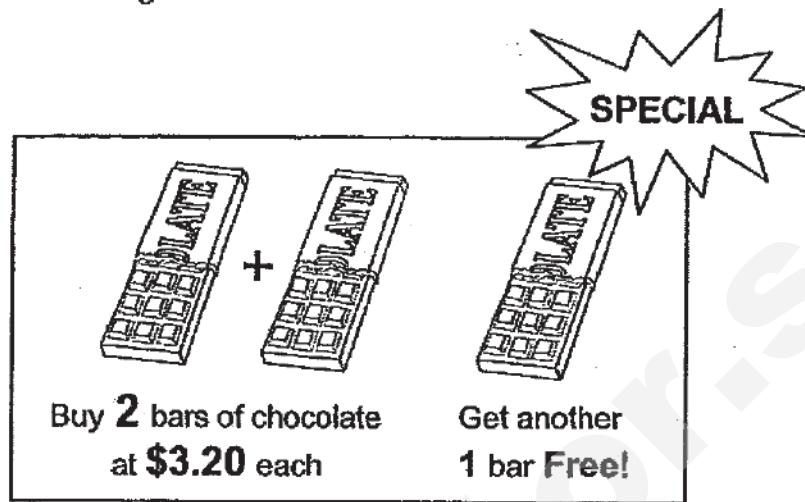
Answer: \$ _____

32. Rope A is shorter than Rope B. Rope C is shorter than Rope A. Rope D is shorter than Rope B.

Based on the information above, each of the following statements is either **True**, **False** or **Not Possible to Tell**. For each statement, put a tick (✓) in the correct column to indicate your answer.

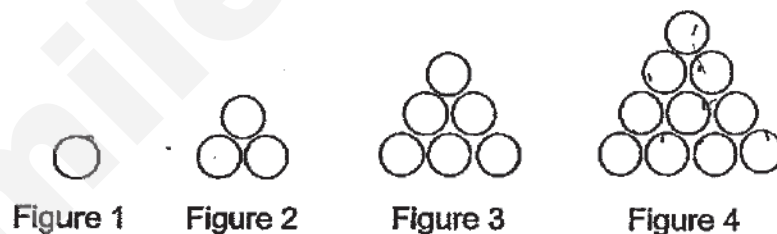
Statement	True	False	Not Possible to Tell
(a) Rope B is the longest.			
(b) Rope A is shorter than Rope D.			

33. At a supermarket, a bar of chocolate is sold at \$3.20 each. During a sale, customers get one bar free for every 2 bars they buy. Tony needs 6 bars of chocolate. How much does he have to pay if he buys them during the sale?



Answer: \$ _____

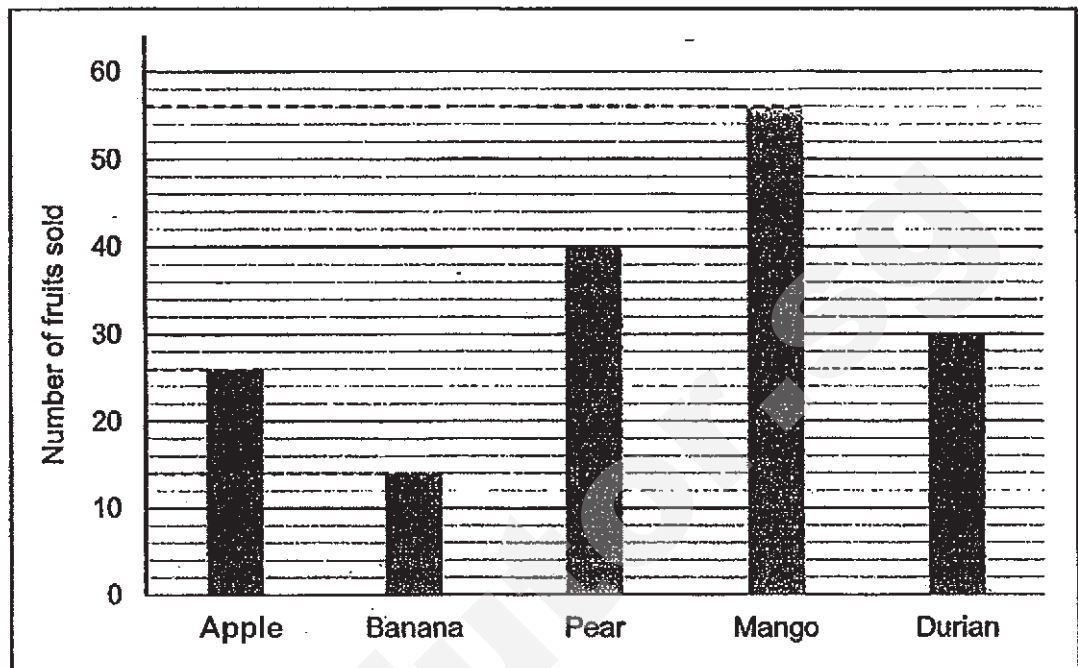
34. Study the pattern below carefully.



How many circles are needed to make **Figure 10**?

Answer: _____

35. A fruit stall sold 5 different types of fruits. The number sold for each type of fruits is shown in the bar graph below.



Which two fruits together sold the same number as the mango?

Answer: _____ and _____

Section C: 18 marks

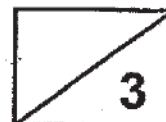
Questions 36 and 37 are 3 marks each. Questions 38 to 40 are 4 marks each.

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.

36. A group of 60 students went to the beach. 36 were boys.
Of the 34 students who brought a cap, 25 were boys.
How many girls did not bring a cap?

Working Column

Answer: _____



37. Sacks A and B contain 4280 g of rice altogether.

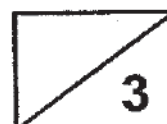
Sack A has 1096 g of rice.

How much rice must be taken out of Sack B and put into Sack A such that both sacks have the same amount of rice?

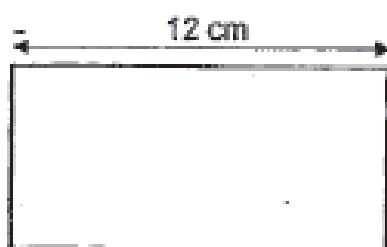
Leave your answer in grams.

Working Column

Answer: _____



38. Sam bent a piece of wire into a rectangle as shown below. The length of the rectangle is 12 cm. It is twice the breadth.



- (a) How long is the piece of wire?
- (b) Sam then bent the same wire into a square. What is the length of one side of the square?

Answer: (a) _____ (2)

Answer: (b) _____ (2)

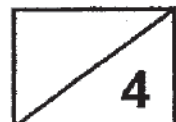
Working Column



39. 2 files and 4 pens cost \$24.
4 such files and 4 such pens cost \$40.
How much does a pen cost?

Working Column

Answer: _____



40. Hamid and Joe had an equal number of stickers at first.
After Joe gave Hamid 380 stickers, Hamid has 1420 stickers
in the end.

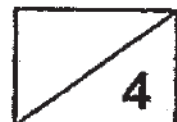
Working Column

- (a) How many stickers has Joe in the end?
(b) How many stickers do they have altogether?

Answer: (a) _____ (2)

Answer: (b) _____ (2)

End of Booklet B
Please check your work carefully.



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SCHOOL : MARIS STELLA PRIMARY SCHOOL

LEVEL : PRIMARY 3

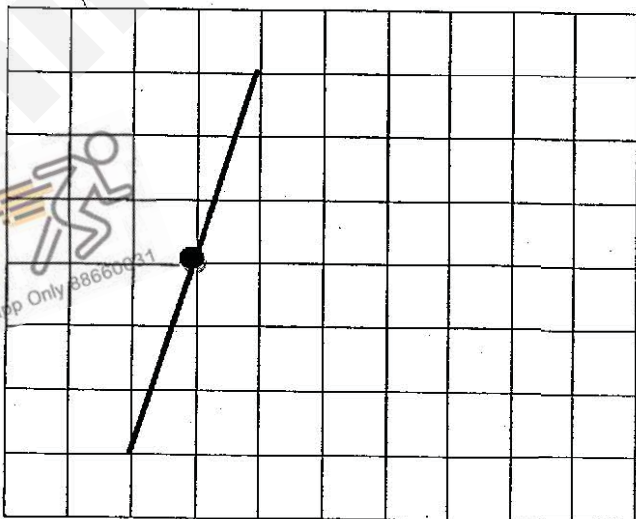
SUBJECT : MATH

TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q18)	9623
Q19)	200
Q20)	
Q21)	9.45am

Q22)	6 muffins
Q23)	a)BC and Dc b)2
Q24)	$\frac{2}{3}, \frac{1}{2}, \frac{4}{9}$
Q25)	a)422 b)472
Q26)	$136 - 50 = 86$ $86 - 50 = 36$
Q27)	12.55 p.m
Q28)	$9 \times 24 = 216$ $216 - 182 = 34$
Q29)	835
Q30)	$118 \times 3 = 354$ $354 + 8 = 362$
Q31)	$210 \div 7 = 30$ $\$30 \times 6 = \180
Q32)	a)True b)Not Possible To Tell
Q33)	$\$6.40 \times 2 = \12.80
Q34)	55 circles
Q35)	Durian and Apple
Q36)	$34 - 25 = 9$ $60 - 36 = 24$ $24 - 9 = 15$
Q37)	$4280 - 1096 = 3184$ $3184 - 1096 = 2088$ $2088 \div 2 = 1044g$

Q38)	$a) 12 \div 2 = 6$ $12 \times 2 = 24$ $6 \times 2 = 12$ $24 + 12 = 36 \text{ cm}$ $b) 36 \div 4 = 9 \text{ cm}$
Q39)	$40 - 24 = 16$ $16 \div 2 = 8$ $8 \times 2 = 16$ $24 - 16 = 8$ $8 \div 4 = \$2$
Q40)	$a) 380 \times 2 = 760$ $1420 - 760 = 660$ $b) 660 + 1420 = 2080$

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METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2019 PRIMARY 3 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 3.

Date: 24 October 2019

This booklet consists of 9 printed pages including this page.

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Section A

Questions 1 to 4 carry 1 mark each.

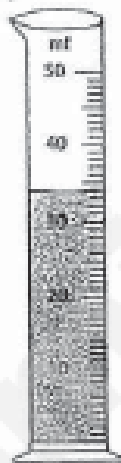
Questions 5 to 16 carry 2 marks each.

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. (28 marks)

1 In 6 045, which digit is in the tens place?

- (1) 0
- (2) 6
- (3) 5
- (4) 4

2



What is the volume of the water shown above?

- (1) 34 ml
- (2) 36 ml
- (3) 44 ml
- (4) 46 ml

(Go on to the next page)

3 $\triangle \times \triangle = 49$

What is the value of \triangle ?

- (1) 6
- (2) 7
- (3) 8
- (4) 9

- 4 Remy and his friends played a game of basketball for 1 h 30 min.
They started at 4.00 p.m.
At what time did they finish their game?

- (1) 3.30 p.m.
- (2) 4.30 p.m.
- (3) 5.30 p.m.
- (4) 6.30 p.m.

- 5 What is the sum of the values of the digit 2 in 6 123 and 207?

- (1) 180
- (2) 184
- (3) 220
- (4) 230

(Go on to the next page)

6 What is $50 \div 8$?

- (1) 2 R 6
- (2) 5 R 5
- (3) 6 R 2
- (4) 6 R 8

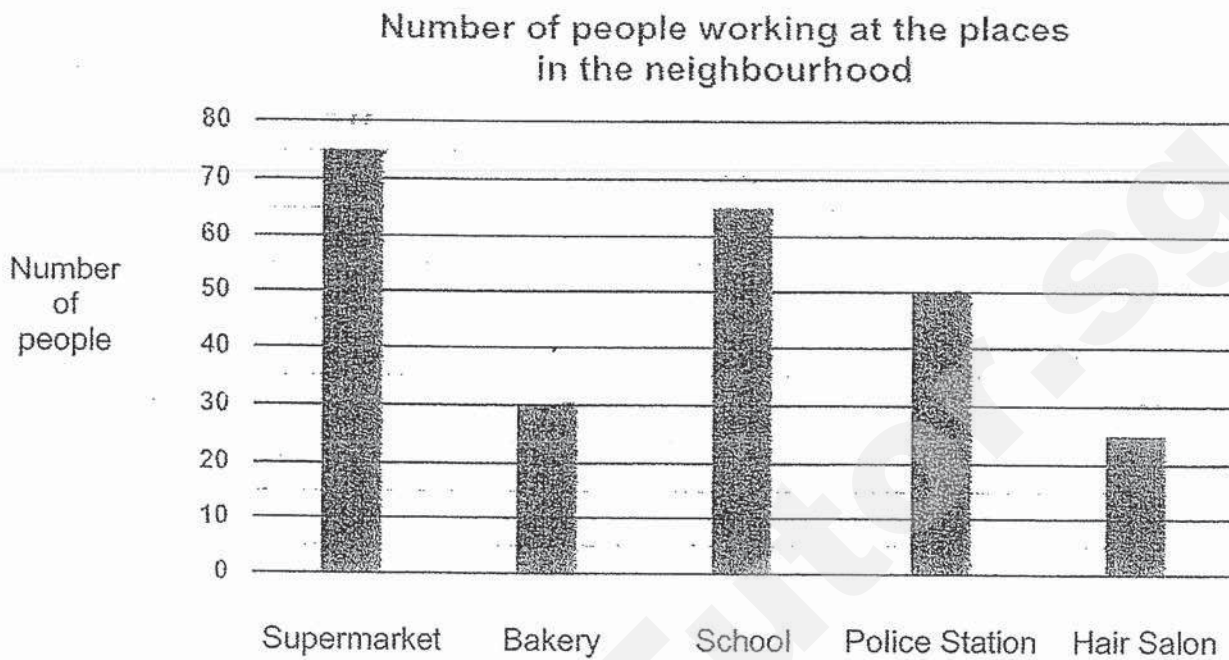
7 Netty and Jamie have 2 497 paper clips in all. Netty has 514 paper clips. How many more stickers does Jamie have than Netty?

- (1) 1 469
- (2) 1 983
- (3) 2 183
- (4) 3 011

(Go on to the next page)

Refer to the graph to answer questions 8 and 9.

The graph below shows the number of people working at the different places in the neighbourhood.



8 Which place in the neighbourhood had thrice the number of workers as workers in the Hair Salon?

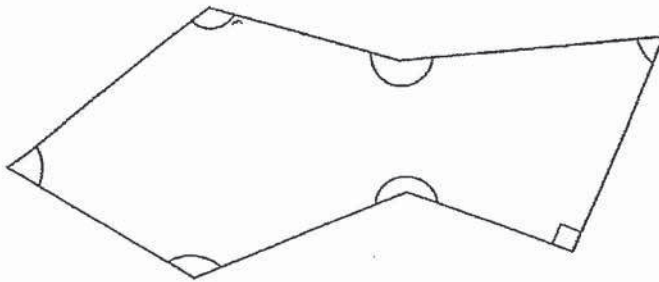
- (1) Bakery
- (2) School
- (3) Supermarket
- (4) Police Station

9 What is the total number of people working in the Police Station and the School?

- (1) 80
- (2) 110
- (3) 115
- (4) 120

(Go on to the next page)

- 10 How many of the marked angles is/are obtuse angles?



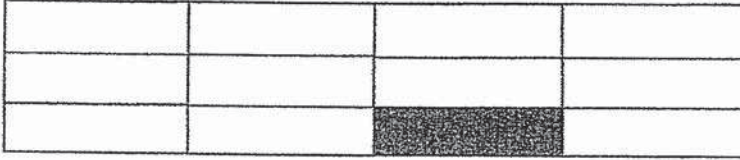
- (1) 1
(2) 2
(3) 3
(4) 4
- 11 Complete the number pattern below.
5 259, 5 609, 5 959, 6 309, _____, 7 009

- (1) 5 959
(2) 6 274
(3) 6 344
(4) 6 659

(Go on to the next page)

- 12 The figure below is made up of rectangles.

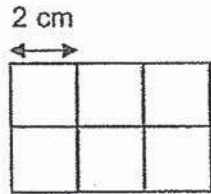
How many more rectangles must be shaded to show $\frac{1}{4}$ of the figure shaded?



- (1) 1
(2) 2
(3) 3
(4) 4
- 13 Alice bought a necklace which cost \$15.40. She paid with four \$5 notes.
How much change did she receive?
- (1) \$4.60
(2) \$5.60
(3) \$6.40
(4) \$20.00

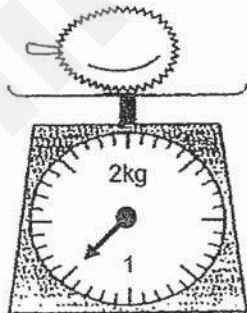
(Go on to the next page)

- 14 Rectangle P is made up of 6 identical squares.
Each square has a side of 2 cm.
What is the area of Rectangle P?



Rectangle P

- (1) 10 cm²
 - (2) 20 cm²
 - (3) 24 cm²
 - (4) 48 cm²
- 15 What is the mass of the durian?



- (1) 1 kg 50 g
- (2) 1 kg 100 g
- (3) 1 kg 250 g
- (4) 1 kg 500 g

(Go on to the next page)

- 16 There are 279 children going on a school trip. There are 6 buses and each bus can seat 45 children. How many children will not have a seat?

- (1) 9
- (2) 8
- (3) 7
- (4) 6

Go on to Booklet B

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2019 PRIMARY 3 MATHEMATICS

(BOOKLET B)

Total Time

Sections A to C: 1 hour 45 minutes

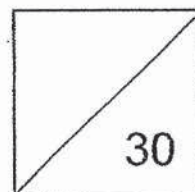
INSTRUCTIONS TO CANDIDATES

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

Name: _____ ()

Class: Primary 3. _____

Date: 24 October 2019



This booklet consists of 10 printed pages including this page.

Section B

Questions 17 to 22 carry 1 mark each.

Questions 23 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. (30 marks)

- 17 Arrange the following fractions from the smallest to the greatest.

$$\frac{1}{3}$$

$$\frac{1}{10}$$

$$\frac{1}{2}$$

$$\frac{1}{5}$$

Ans: _____, _____, _____, _____
(smallest) (greatest)

- 18 What number is 2 tens more than 7 034?

Ans: _____

- 19 Zac has 1 870 stamps. Chloe has 302 fewer stamps than Zac.
How many stamps does Chloe have?

Ans: _____

(Go on to the next page)

- 20 A table and a chair cost \$2 385. The chair costs \$1 500. How much does the table cost?

Ans: \$ _____

- 21 Express $\frac{10}{12}$ in its simplest form.

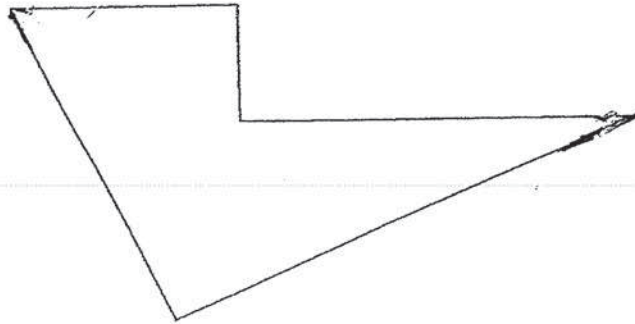
Ans: _____

- 22 How many tens are there in the product of 8 and 5?

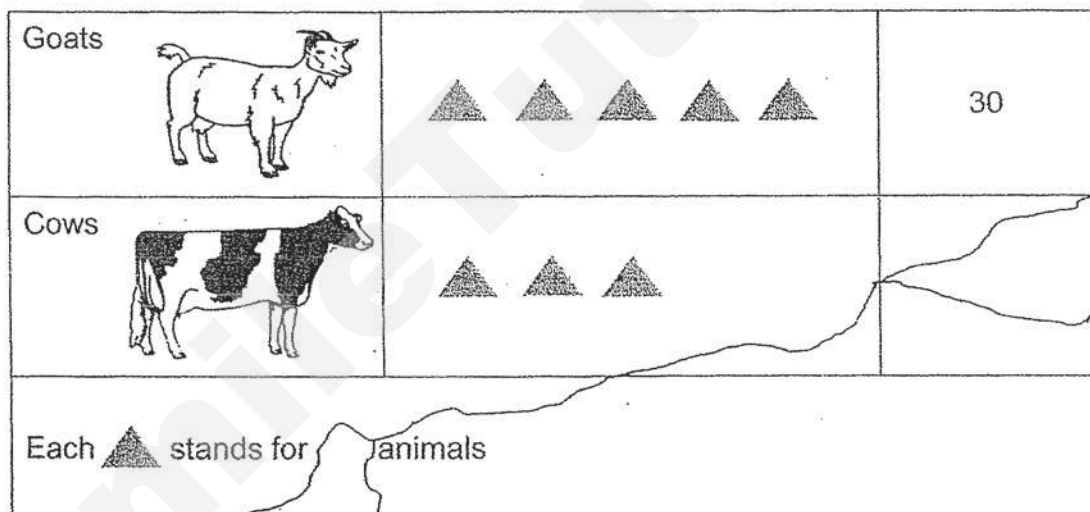
Ans: _____ tens

(Go on to the next page)

- 23 There are 2 angles inside the figure that are smaller than a right angle. Mark out these 2 angles.



- 24 Mina went to the farm and saw different types of animals. She drew a picture graph on the number of each type of animal she saw.

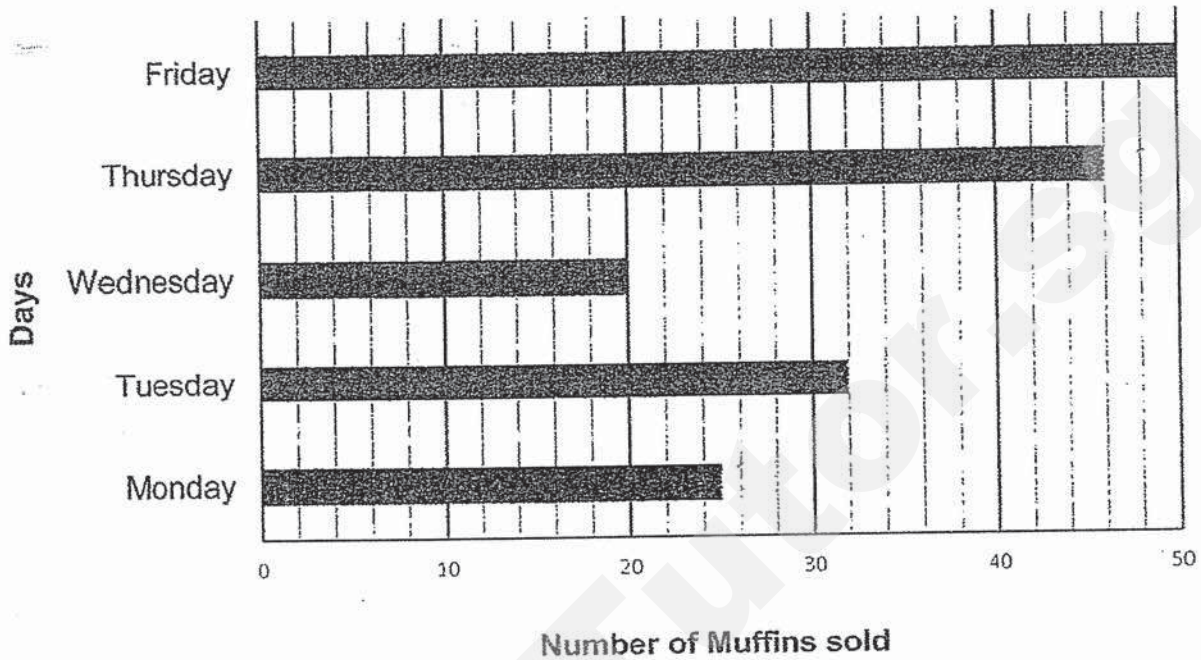


Her brother accidentally tore her graph. How many cows did she see?

Ans: _____

(Go on to the next page)

The graph below shows the number of muffins sold in a week at Esther's bakery.
Study it carefully and answer question 25.



- 25 What is the total number of muffins sold from Monday to Wednesday?

Ans: _____

(Go on to the next page)

- 26 The signboard below is placed on the window of Blackmore Bakery.

Opening Hours: 10.30 a.m. – 4.30 p.m.
Open every day

The bakery is open for _____ h every day.

Ans: _____ h

- 27 Lucy bought a packet of sugar. It weighed 2 500 g.
She used 1 405 g of it to bake a cake and 15 g of it to make a cup of tea.
How much sugar had she left?

Ans: _____ g

- 28 Rajah packed 72 oranges equally into bags of 8. Each bag is sold at \$6.
He sold all the bags of oranges to his customers.
How much money did he receive altogether?

Ans: \$ _____

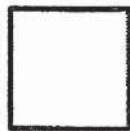
(Go on to the next page)

29

$$\frac{2}{5} + \frac{3}{10} = \boxed{?}$$

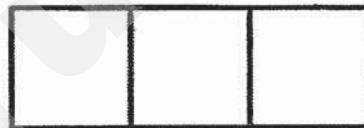
Ans: _____

- 30 Square A has a perimeter of 16 cm.
Rectangle B is made up of 3 squares each exactly the same size as Square A.
What is the perimeter of Rectangle B?



Square A

Perimeter = 16 cm



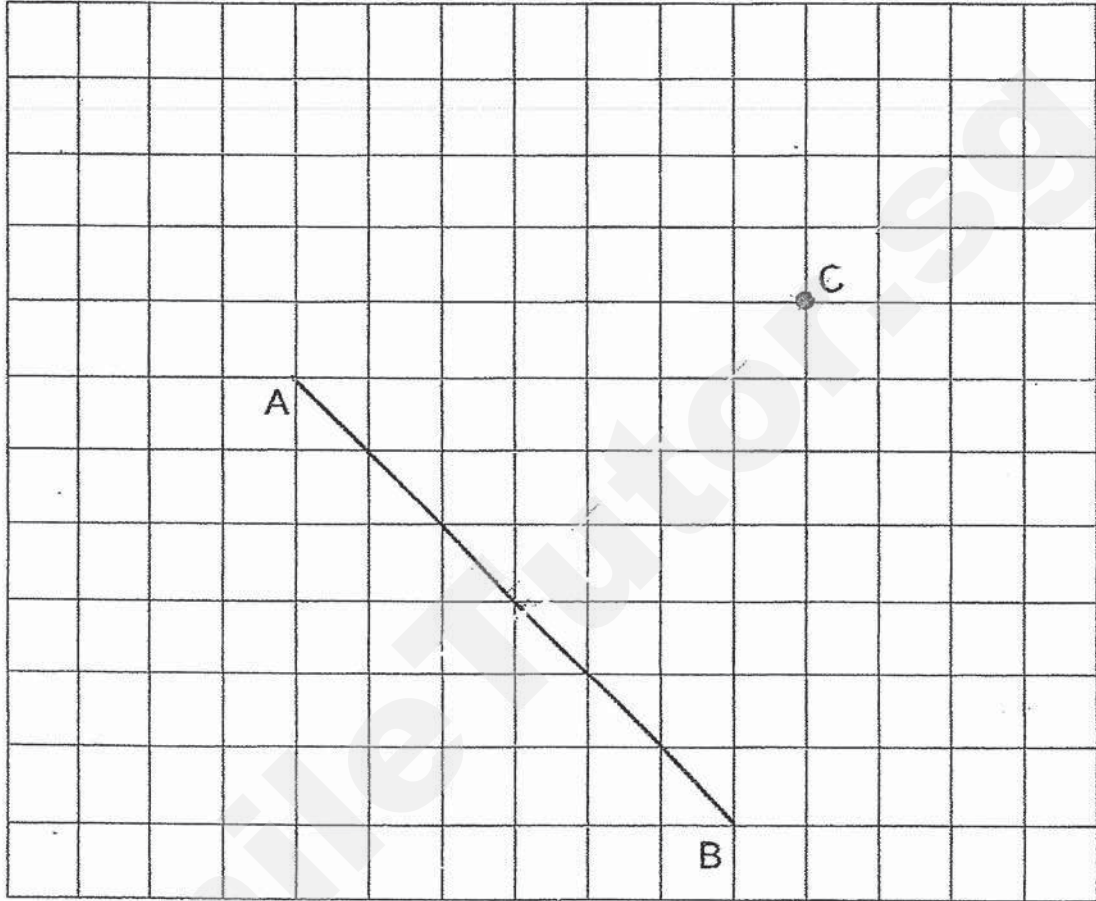
Rectangle B

Perimeter = ? cm

Ans: _____ cm

(Go on to the next page)

- 31 Using a set-square and a ruler, draw a line **perpendicular** to AB passing through the Point C.



(Go on to the next page)

- 32 Aminah prepared 4 l of guava juice for a party.
She prepared 1 850 ml more guava juice than apple juice.
What was the volume of juices she prepared altogether?
Write your answer in litres and millilitres.

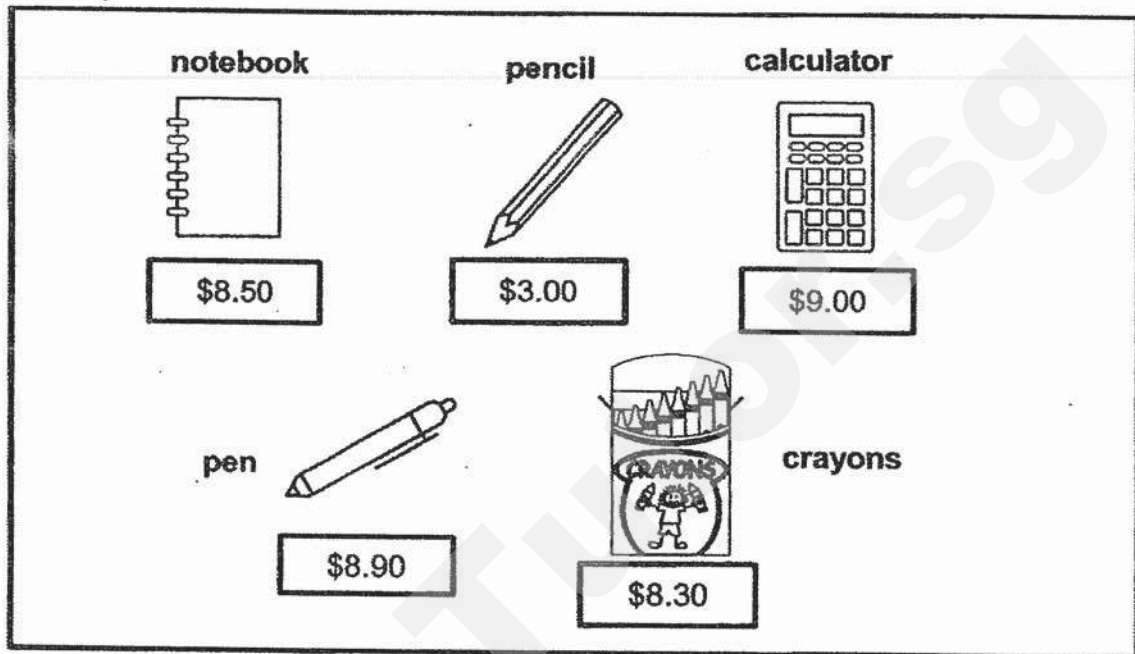
Ans: _____ l _____ ml

- 33 Ben had \$500. He bought a shirt for \$164.
He gave the rest of the money equally to his 3 children.
How much did each child get?

Ans: \$ _____

(Go on to the next page)

- 34 Omar is at a stationery shop.
He has \$20 to buy 3 different items from the list below.
He buys a notebook.
What are the other **two** different items he can buy with the remaining money?



Ans: _____ and

_____.

Go on to Booklet C

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2019 PRIMARY 3 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: _____ ()

Class: Primary 3. _____

Date: 24 October 2019

Booklet A	/ 28
Booklet B	/ 30
Booklet C	/ 22
TOTAL	/ 80

Parent's Signature: _____

This booklet consists of 7 printed pages including this page.

Section C

For questions 35 to 40, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (22 marks)

35 Wei Hong scored 3 572 points in a computer game.

Gavin scored 79 points more than Wei Hong.

(a) How many points did Gavin score?

(b) What was their total score?

Ans: (a) _____ [2]

(b) _____ [1]

(Go on to the next page)

- 36 Michelle has 7 packets of sweets. There are 115 sweets in each packet.
She repacks all the sweets equally into 5 boxes.
How many sweets are there in each box?

Ans: _____ [3]

(Go on to the next page)

37 Nora ate $\frac{1}{2}$ of a chocolate cake.

Janet ate $\frac{3}{12}$ of the same cake.

(a) What fraction of the cake did they eat altogether?

(b) What fraction of the cake was left?

Give both answers in the **simplest** form.

Ans: (a) _____ [2]

(b) _____ [2]

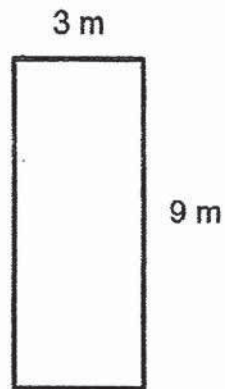
(Go on to the next page)

- 38 The length and breadth of the rectangle below, not drawn to scale, are 9 m and 3 m respectively.

The square on the right has the same perimeter as the rectangle.

(a) Find the perimeter of the rectangle.

(b) Find the area of the square.



Ans: (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

39 Janet and Nora had 652 stickers in total.

After Janet gave 19 stickers to Nora, Janet had thrice as many stickers as Nora.

(a) How many stickers did Nora have in the end?

(b) How many stickers did Janet have at first?

Ans: (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

- 40 Kayla received some \$2 and \$5 notes from her mother.
She received 24 pieces of notes. She had \$72 altogether.
How many pieces of \$2 and \$5 notes did she receive?

Ans: _____ pieces of \$2 notes
_____ pieces of \$5 notes [4]

End of Paper

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SCHOOL : MGS PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA1

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	2	3	4	3	3	2	3	2
Q11	Q12	Q13	Q14	Q15	Q16				
4	1	3	2	1	2				

BOOKLET B

Q 17)	Two thousand, six hundred and forty-five.
Q18)	3980 , 3908 , 3890 , 3098
Q19)	8725
Q20)	$3000 - 1245 = 1755$
Q21)	$215 \div 4 = 53$
Q22)	$5460 - 100 = 5360$
Q23)	$6 \times 6 = 4 \times 6 + \boxed{12}$
Q24)	\$4.45
Q25)	$1467 + 859 = 2326$
Q26)	$187 - 58 = 129$ $129 + 187 = 316$
Q27)	$30 \times 8 = 240$ $240 \div 6 = 40$
Q28)	8347

Q29)	$36 \times 6 = 216$ $216 + 100 = 316$
Q30)	$36 \div 4 = 9$
Q31)	$A = 35 + 7 = 42$ $B = 42 + 7 = 49$
Q32)	$\$45.80 - \$12.30 = \$33.50$
Q33)	$470 + 120 + 210 = 800\text{m}$
Q34)	$25 \times 6 = 150\text{g}$
Q35)	a) $3520 + 2186 = 5706$ b) $3520 - 2186 = 1334$
Q36)	a) $24 \times 5 = 120$ b) $120 \div 3 = 40$
Q37)	a) $100 \div 3 = 33 \text{ R}1 \approx 34$ b) $34 \times 7 = 238$
Q38)	$15 \times 2 = 30$ $30 + 22 + 33 = \$85$
Q39)	a) Highlighter and stapler b) $10.00 - 4.50 = 5.50$ $2.10 + 2.50 = 4.60$ $4.50 + 4.60 = 9.10$ $10.00 - 9.10 = 90\text{¢}$
Q40)	$120 \div 3 = 40$ $40 \times 2 = 80$

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NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2 – 2019
PRIMARY THREE
MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 to 10.

Marks Obtained

Section	Maximum Marks	Actual Marks
A	20	
B	44	
C	16	
Total	80	

Name : _____ ()

Class : Pr 3 _____

Date : 30 October 2019

Duration: 1 h 45 min

Parent's Signature : _____

Section A (20 marks)

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 (1, 2, 3 or 4) and shade your answer in the Optical Answer Sheet (OAS).

1. What does the digit 7 in 2743 stand for?

- (1) 7
- (2) 70
- (3) 700
- (4) 7000

()

2. Find the product of 328 and 4.

- (1) 1212
- (2) 1282
- (3) 1312
- (4) 1402

()

3. What is the remainder when 976 is divided by 7?

- (1) 139
- (2) 2
- (3) 3
- (4) 142

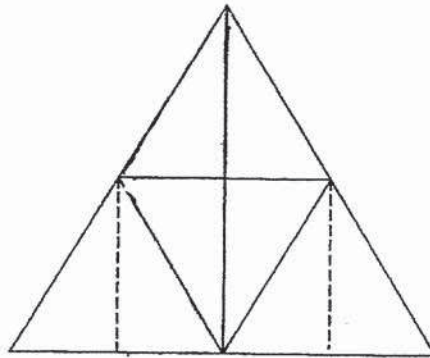
()

4. $6050 - 2569 =$ _____

- (1) 3481
- (2) 3491
- (3) 3581
- (4) 4581

()

5. What fraction of the figure below is shaded?



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

()

6. $8 + 8 + 8 + 56 = \underline{\hspace{1cm}} \times 8$

- (1) 80
 (2) 10
 (3) 8
 (4) 4

()

7. Moon Primary School recycled 798 drink cans.
 Sun Primary School recycled 3 times as many cans as Moon Primary School.
 What was the total number of cans that both schools recycled?

- (1) 1596
 (2) 2174
 (3) 2394
 (4) 3192

()

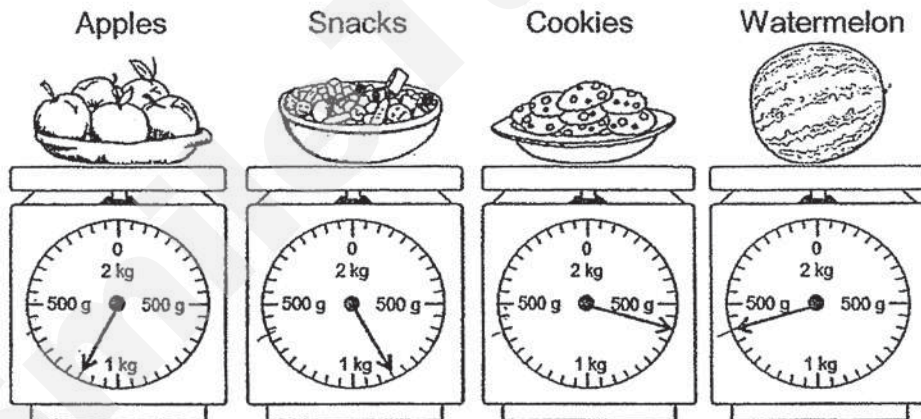
8. Write the time shown in the clock below.



- (1) 13 minutes before 5
- (2) 13 minutes to 6
- (3) 47 minutes after 6
- (4) 28 minutes past 9

()

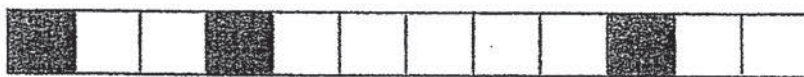
9. Which food item is the heaviest?



- (1) Apples
- (2) Snacks
- (3) Cookies
- (4) Watermelon

()

10. John wants to have $\frac{2}{3}$ of the figure shaded.
How many more rectangles must he shade?



- (1) 5
- (2) 8
- (3) 3
- (4) 4

()

Section B (44 marks)

Show your workings clearly and write your answers in the boxes provided.

11. Arrange the fractions in order. Begin with the greatest fraction

$$\frac{5}{12}, \frac{5}{8}, \frac{3}{4}$$

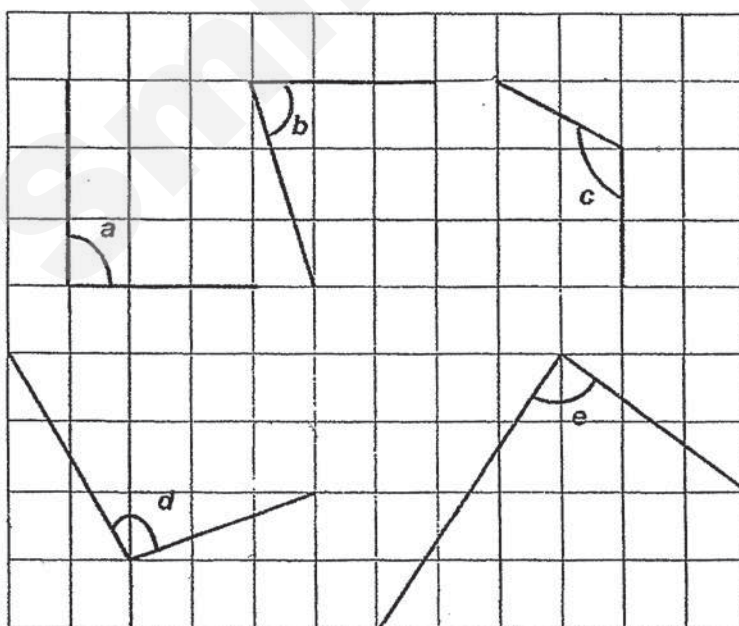
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Greatest

12. Write twenty thousand, nine hundred and nine in numerals.

--

13. Identify the angle/s that are greater than a right angle.



--

14. Find the value of 687×7 .

15. Arrange these numbers in order. Begin with the **smallest** number.

6496	6649	6946	6469
------	------	------	------

_____	_____	_____	_____
-------	-------	-------	-------

Smallest

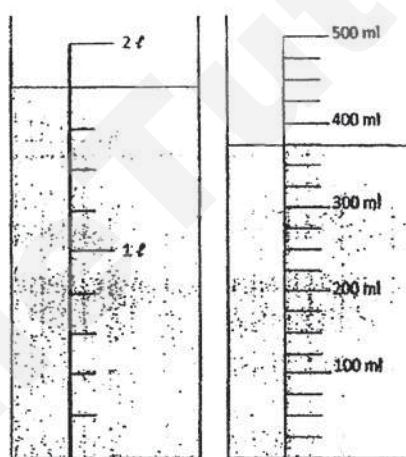
16. Mrs Chan bought a computer and a furniture set. The computer cost \$2497. She paid \$5000 and had \$350 left. How much did the furniture set cost?

\$	_____
----	-------

17. $\frac{5}{6} - \frac{3}{4} = \boxed{?}$

18. The difference between two numbers is 6148. One of the numbers is 2976.
What is the other number?

19. Mrs Tan made some fruit punch for a party.
The amount of fruit punch made is shown below.
How much fruit punch did she make?

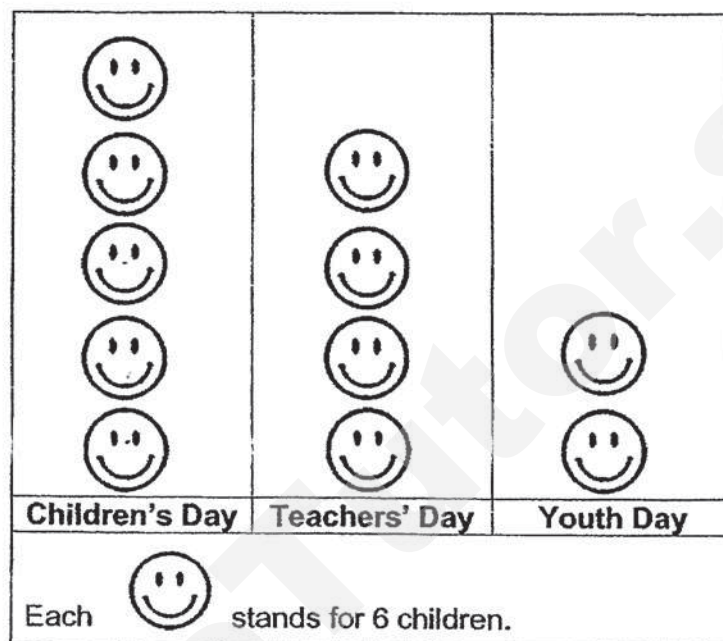


20. What is the missing number in the number pattern below?

_____, 6988, 6948, 6908, 6868

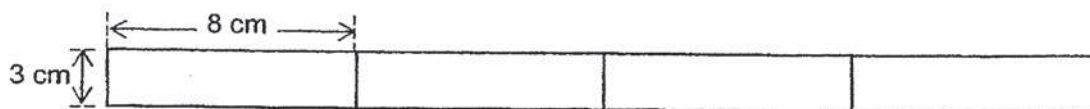
21. A group of children made this picture graph to show their favourite school holiday.

Our Favourite School Holiday



_____ more children chose Children's Day than Youth Day as their favourite school holiday.

22. Nathan made a birthday card for her sister with 4 pieces of rectangular paper glued together as shown below. What is the area of the card?


 cm^2

23. Divide 86 by 7. What is the quotient?

--

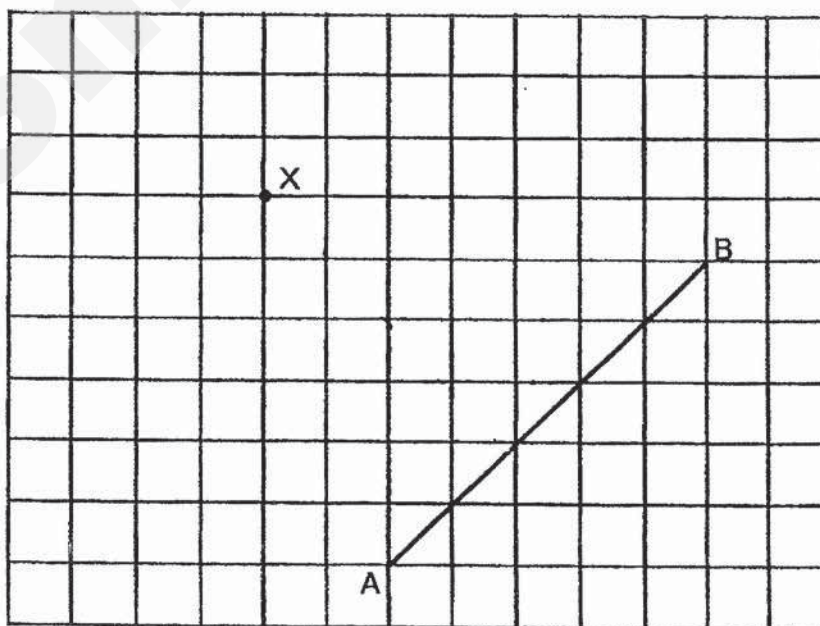
24. The table below shows the opening hours of a grocery store

Weekdays	Weekends
7.45 a.m. to 9.20 p.m.	8.40 a.m. to 10 p.m.

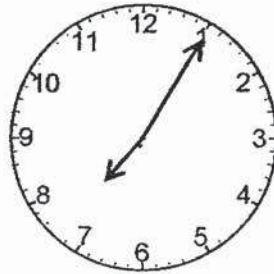
How long is the grocery store open on a weekday?

h	min
---	-----

25. The figure below shows a line AB and a point X.
Draw a line perpendicular to line AB passing through point X.



26. Jeremy takes 40 minutes to walk from his home to school in the morning. Yesterday, his watch showed the following time when he reached school.

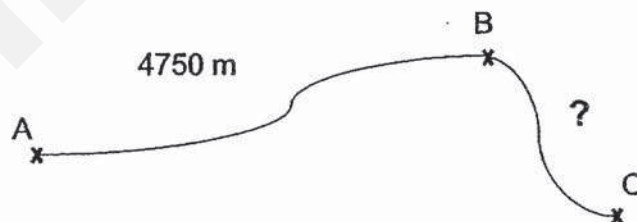


His watch was 5 minutes slow.

What was the actual time he left home for school yesterday?

a.m.

27. A bus travelled from point A to B and then from point B to C. The total distance was 7545 m. What was the distance from point B to C?

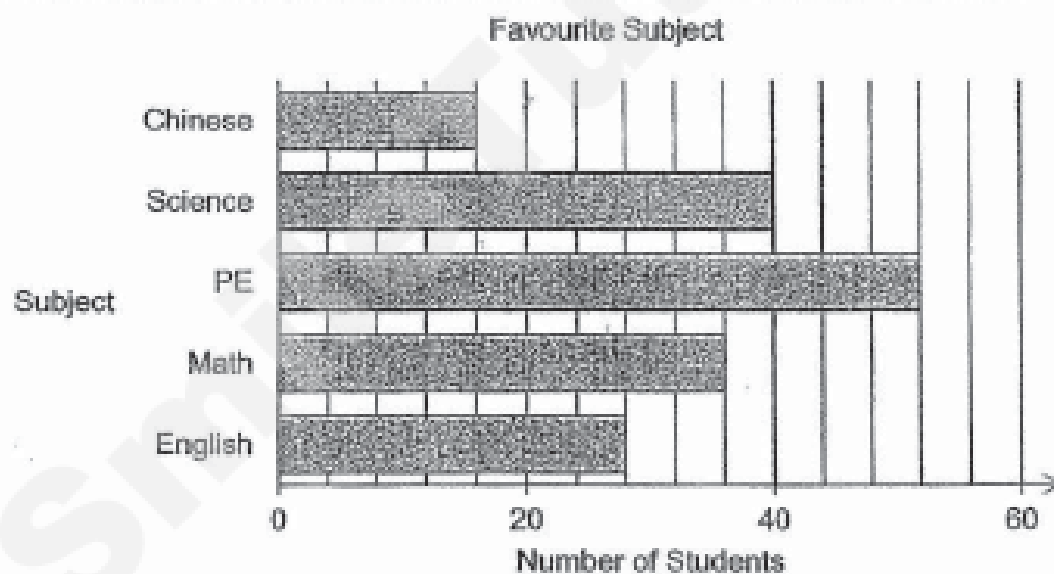


m

28. James spent \$27.95 on food. He spent \$7.35 less on food than on transport. How much did he spend on transport?

\$

29. The bar graph below shows the favourite subject of some Primary 4 students.



How many more students chose PE as their favourite subject than English?

30. $\heartsuit \div 9 = \blacksquare R4$

What number could be added to \heartsuit so that \heartsuit is a multiple of 3?

31. Denise spent \$30 on the following items. How much did the crayons cost?

		
Crayons \$?	Sketch Book \$13.75	Pencil Case \$9.50

32. Ann has some stamps. Ben has 60 more stamps than Ann.
Charles has 20 fewer stamps than Ben. They have 724 stamps altogether.
How many stamps does Ann have?

Section C (16 marks)

Questions 33 to 37 carry 3 or 4 marks each. For each of the following questions, show your workings and statements clearly in the space below each question.

33. 2397 people visited the museum in June. 940 of them were adults and the rest were children.

(a) How many children visited the museum in June? [1 mark]

(b) There were 154 more men than women.

How many women visited the museum in June? [2 marks]

34. A group of 7 tourists ordered a set meal each at a restaurant.
The cost of a set meal was \$5.50.
For every 2 set meals bought, the 3rd set was free.
- a) How much did 3 set meals cost? [1 mark]
b) How much did the group of 7 tourists pay altogether? [2 marks]



35. Susan has 3 times as many marbles as John.
John has 2 times as many marbles as Keith.
They have 396 marbles altogether.
How many marbles does John have? [3 marks]
-

36. The total mass of 1 mango and 3 apples is 651 g.
The mass of 1 apple is 115 g less than 1 mango.
What is the mass of 1 apple? [3 marks]

37. The figure below is made up of 3 identical rectangles.
The perimeter of each rectangle is 54 cm.
The length of each rectangle is two times its breadth.
- a) Find the length of each rectangle. [2 marks]
b) Find the area of the figure. [2 marks]

End of Paper

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Name: _____

Class: _____

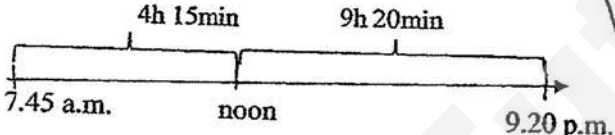
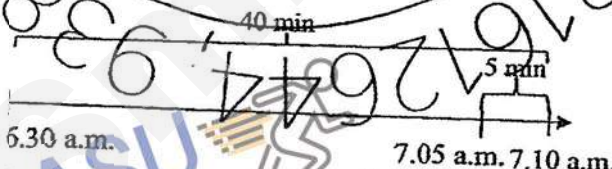
Nan Hua Primary School
P3 Mathematics SA2 – 2019
Answer Key

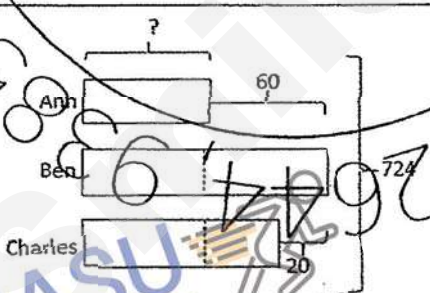
Section A

Qn	Answer	Qn	Answer
1.	3	6.	2
2.	3	7.	4
3.	3	8.	2
4.	1	9.	4
5.	2	10.	1

Section B

Qn	Answer
11	$\frac{3}{4}, \frac{5}{8}, \frac{5}{12}$
12	20 909- (Question Void) 20909
13	c and d
14	$687 \times 7 = 4809$
15	6469, 6496, 6649, 6946
16	$2497 + 350 = 2847$ $5000 - 2847 = 2153$
17	$\frac{5}{3} - \frac{1}{3}$ $= \frac{5}{6} - \frac{2}{6} = \frac{3}{6}$ or $\frac{1}{2}$
18	$2976 + 6148 = 9124$
19	$11800 \text{ ml} + 375 \text{ ml} = 12175 \text{ ml}$ OR $1800 \text{ ml} + 375 \text{ ml} = 2175 \text{ ml}$
20	$3988 + 40 = 7028$

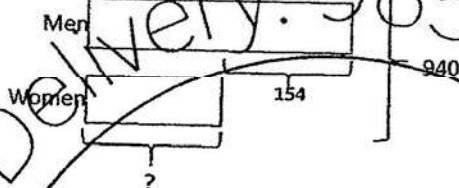
21	$6 \times 3 = \underline{18}$ OR $5 \times 6 = 30$ $2 \times 6 = 12$ $30 - 12 = \underline{18}$
22	$8 \times 3 = 24$ $24 \times 4 = \underline{96}$ OR $8 \times 4 = 32$ $32 \times 3 = \underline{96}$
23	$86 \div 7 = \underline{12} \text{ R } 2$
24	<p>(Example timeline)</p>  <p>4 h 15 min + 9 h 20 min = <u>13 h 35 min</u></p> <p>(WRONG) 9.20 p.m. – 12 p.m. 12 p.m. – 7.45 a.m.</p>
25	<u>Refer to Annex</u>
26	<p>(example timeline)</p>  <p><u>6.30 a.m.</u></p> <p>(WRONG) 7.10 a.m. – 40 min = 6.30 a.m. 6.25 a.m. + 5 min = 6.30 a.m.</p>
27	$7545 \text{ m} - 4750 \text{ m}$ = <u>2795 m</u>
28	$\$27.95 + \$7.35 = \underline{\$35.30}$

29	$20 \div 5 = 4$ $4 \times 6 = \underline{24}$ Or (PE - EL) $52 - 28 = \underline{24}$
30	$4 \div 3 = 1R1$ $3 - 1 = \underline{2}$ OR $(1 \times 9) + 4 = 13$ $13 + 2 = 15$ Ans: (2 + any multiple of 3) $2 + 3 = \underline{5}$ $2 + 6 = \underline{8}$ $2 + 9 = \underline{11}$ $2 + 12 = \underline{13}$
31	$\$30 - \$13.75 = \$16.25$ $\$16.25 - \$9.50 = \underline{\$6.75}$ Or $\$13.75 + \$9.50 = \$23.25$ $\$30 - \$23.25 = \underline{\$6.75}$
32	 $60 - 20 = 40$ $724 - 60 - 40 = 624$ $624 \div 3 = \underline{208}$

Section C

33. (a) $2397 - 940 = 1457$
1457 children visited the museum.

(b)



$$940 - 154 = 786$$

$$786 \div 2 = 393$$

393 women visited museum.

34. (a) $2 + 1 = 3$
 3 set meals $\rightarrow \$5.50 + \$5.50 = \$11$

3 set meals cost **\$11**

(b) $\$11 + \$11 = \$22$ (6 set meals)

$$\$22 + \$5.50 = \$27.50$$

They paid **\$27.50** altogether.

35.



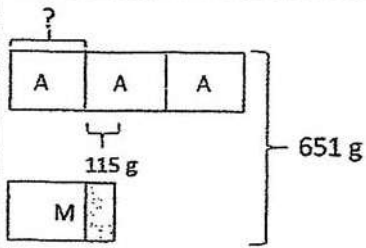
$$9 \text{ units} = 396$$

$$1 \text{ unit} = 396 \div 9 = 44$$

$$2 \text{ units} = 44 \times 2 = 88$$

John has **88** marbles

36.



$$651 - 115 = 536 \text{ (4 Apples)}$$

$$536 \div 4 = 134$$

The apple weighs 134 g

OR

$$651 + (115 \times 3) = 651 + 345 = 996 \text{ (4 Mangoes)}$$

$$996 \div 4 = 249$$

$$249 - 115 = 134$$

The apple weighs 134 g

37.

(a) 6 units = 54
 1 unit = $54 \div 6 = 9$
 2 units = $9 \times 2 = 18$

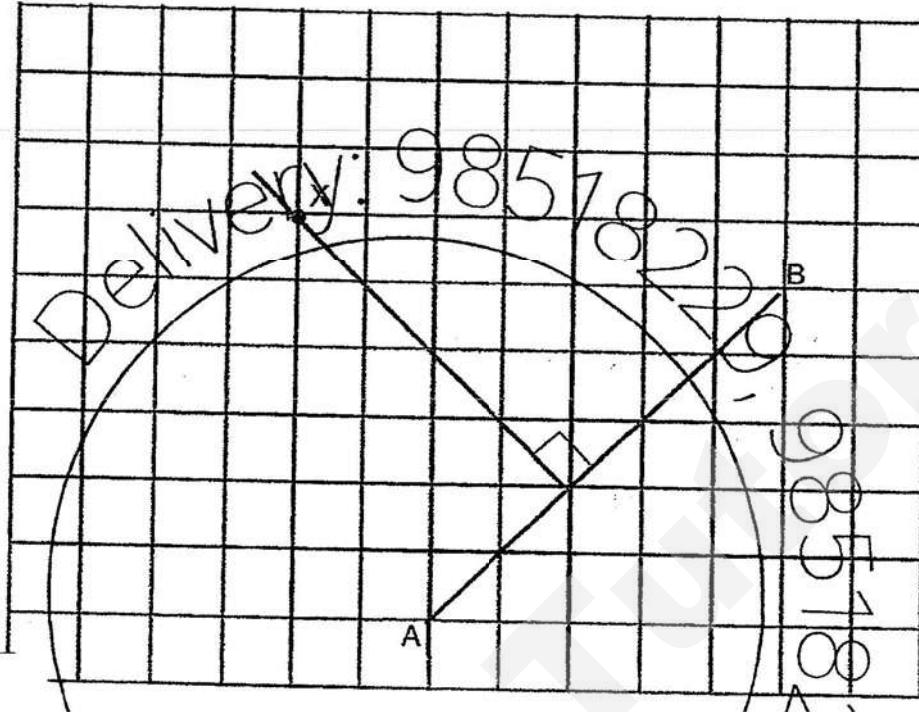
The length of the rectangle is 18 cm

(b) $18 \times 9 = 162$
 $162 \times 3 = 486$

The area of the figure is 486 cm²

Annex A

Q25



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NANYANG PRIMARY SCHOOL

**SECOND SEMESTRAL ASSESSMENT
2019**

PRIMARY 3

**MATHEMATICS
(BOOKLET A)**

Total Duration for Booklets A and B: 1 hour 45 minutes

Additional materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

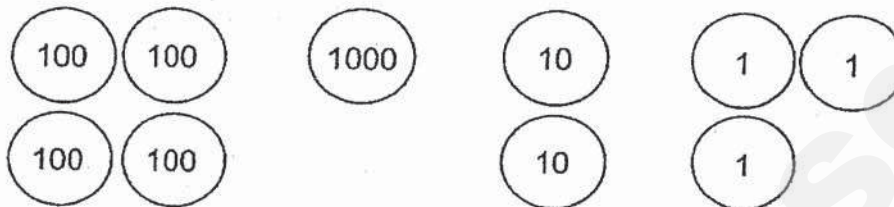
Name: _____ ()

Class: Primary 3 ()

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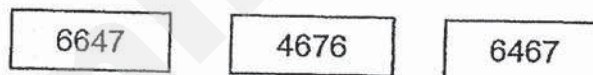
Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet. (40 marks)

1. What is the number shown by all the number discs?



- (1) 4213
(2) 4123
(3) 1432
(4) 1423

2. Arrange the following numbers from the smallest to the largest.



- Smallest Largest
- (1) 4676, 6647, 6467
(2) 4676, 6467, 6647
(3) 6467, 6647, 4676
(4) 6647, 6467, 4676

3. What is the sum of 4745 and 2243?

- (1) 2502
- (2) 2988
- (3) 6502
- (4) 6988

4. Find the value of $6243 - 2986$.

- (1) 3257
- (2) 4367
- (3) 4743
- (4) 9229

5. Find the value of $72 \div 9$.

- (1) 6
- (2) 7
- (3) 8
- (4) 9

6. Mr Ong sells 468 bowls of noodles in a day.
How many bowls of noodles can he sell in 7 such days?

- (1) 2826
- (2) 2876
- (3) 3216
- (4) 3276

7. What is the remainder when 274 is divided by 6?

- (1) 450
- (2) 45
- (3) 3
- (4) 4

8. Which of the following fractions is not an equivalent fraction of $\frac{2}{4}$?

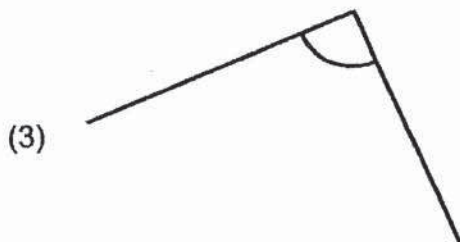
- (1) $\frac{1}{2}$
- (2) $\frac{3}{6}$
- (3) $\frac{5}{8}$
- (4) $\frac{6}{12}$

9. Arrange the following fractions from the smallest to the largest.

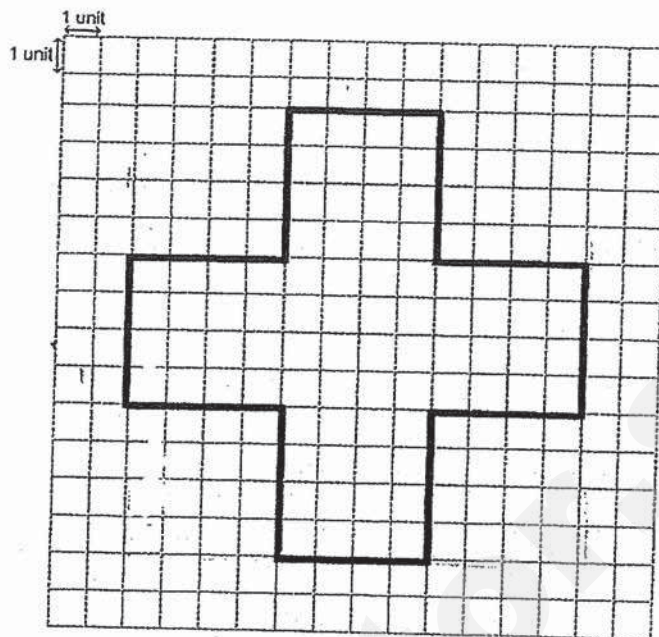
$\frac{4}{5}$,	$\frac{1}{2}$,	$\frac{3}{4}$
---------------	---	---------------	---	---------------

- | | <u>Smallest</u> | | <u>Largest</u> |
|-----|-----------------|---|-------------------------------|
| (1) | $\frac{4}{5}$ | , | $\frac{3}{4}$, $\frac{1}{2}$ |
| (2) | $\frac{3}{4}$ | , | $\frac{4}{5}$, $\frac{1}{2}$ |
| (3) | $\frac{1}{2}$ | , | $\frac{4}{5}$, $\frac{3}{4}$ |
| (4) | $\frac{1}{2}$ | , | $\frac{3}{4}$, $\frac{4}{5}$ |

10. Which of the following figures shows an angle that is smaller than a right angle?

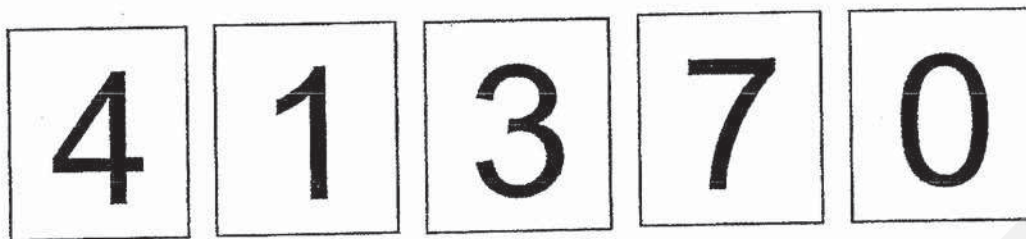


11. The figure below is drawn on a 1-unit square grid.
Find the perimeter of the figure below.



- (1) 48 units
- (2) 64 units
- (3) 80 units
- (4) 84 units

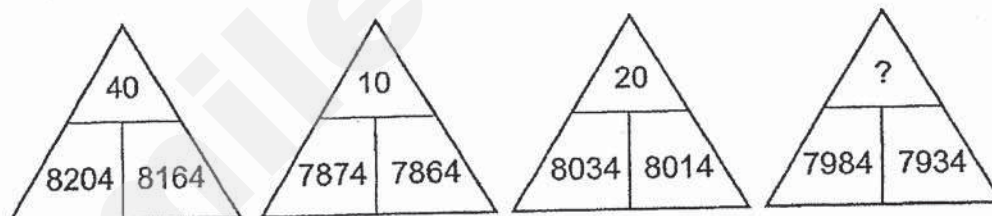
12. Jay has the following number cards.



Using each digit only once, what is the smallest 4-digit odd number he can form?

- (1) 1034
- (2) 1037
- (3) 1043
- (4) 1047

13. The triangles below are filled with numbers in a certain pattern.

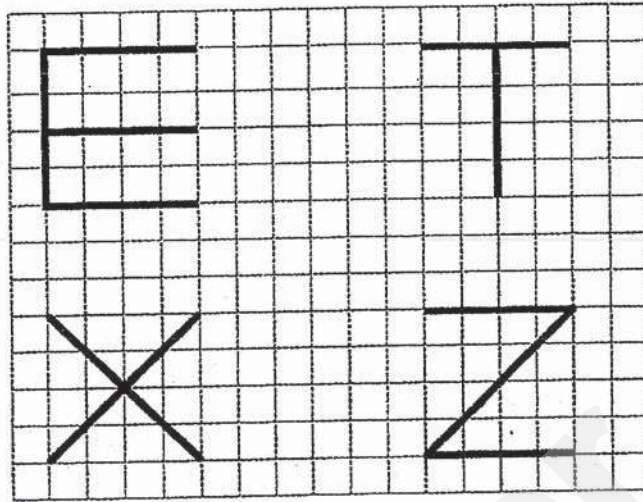


What is the missing number?

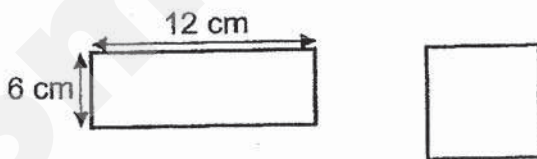
- (1) 30
- (2) 50
- (3) 70
- (4) 80

14. There were 312 adults at a concert.
There were 3 times as many children as adults at the concert.
How many people were there at the concert?
- (1) 1248
 - (2) 936
 - (3) 104
 - (4) 78
15. The painters have 848 houses to paint.
They paint 8 houses each day.
How many days will the painters take to finish painting all the houses?
- (1) 11
 - (2) 16
 - (3) 106
 - (4) 160
16. Every morning, Muthu drives 2111 m from his home to his office.
After work, he drives the same way home.
What is the total distance he drives every day?
- (1) 2 km 111 m
 - (2) 4 km 222 m
 - (3) 21 km 11 m
 - (4) 42 km 22 m

17. In the diagram below, the letters E, T, X and Z are drawn on a square grid. Which one of the letters has both parallel lines and perpendicular lines?



- (1) E
 - (2) T
 - (3) X
 - (4) Z
18. The figures below show a rectangle and a square. The rectangle and the square have the same perimeter. Find the length of one side of the square.



- (1) 8 cm
- (2) 9 cm
- (3) 18 cm
- (4) 36 cm

19. Sana bought 358 mangoes on Monday.
She bought another 248 mangoes on Tuesday.
She packed all the mangoes into boxes.
Each box could hold up to 7 mangoes.
What was the smallest number of boxes she would need to pack all the mangoes?

- (1) 15
- (2) 16
- (3) 86
- (4) 87

20. Linda was thinking of a 4-digit number.
The sum was 13 when she added all the digits together.
The sum of the first and second digit was 7.
The difference between the third and fourth digit was 0.
What was the third digit?

- (1) 9
- (2) 6
- (3) 3
- (4) 0



NANYANG PRIMARY SCHOOL

**SECOND SEMESTRAL ASSESSMENT
2019**

**PRIMARY 3
MATHEMATICS
(BOOKLET B)**

Total Duration for Booklets A and B: 1 hour 45 minutes

INSTRUCTIONS TO PUPILS

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Name: _____ ()

Class: Primary 3 ()

Parent's Signature: _____

Booklet A	/ 40
Booklet B	/ 60
Total	/ 100

Any query on marks awarded should be raised by **1 November 2019**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

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

21. There were 4980 pupils in a stadium.
2420 of the pupils were boys.
The rest were girls.
How many girls were there at the stadium?

Ans: _____

22. What is the missing numerator?

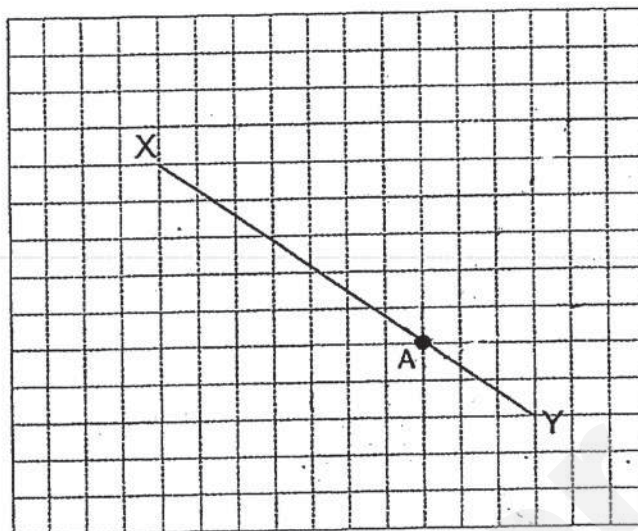
$$\frac{\boxed{?}}{6} = \frac{16}{24}$$

Ans: _____

23. How many hours and minutes are there in 176 minutes?

Ans: _____ h _____ min

24. The figure below shows a line XY and point A on a square grid. Draw a line perpendicular to XY passing through point A.



25. Devi made some bracelets for Friendship Day. Each bracelet was made up of 4 square beads and 5 round beads. She used a total of 28 square beads. How many round beads did Devi use to make all the bracelets?

Ans: _____

26. At a match, Team B scored 264 points. Team A scored 3 times as many points as Team B. Team C scored 35 more points than Team A. How many points did Team C score?

Ans: _____

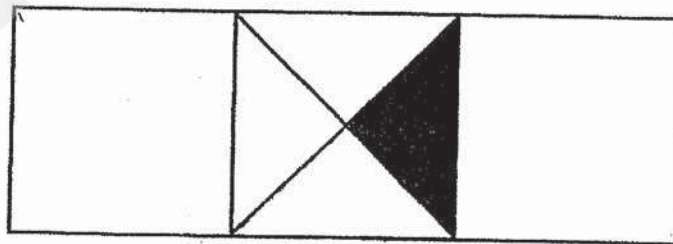
27. Ishak had 579 cookies.
He packed all the cookies into bags of 4 with some left over.
How many cookies were left over?

Ans: _____

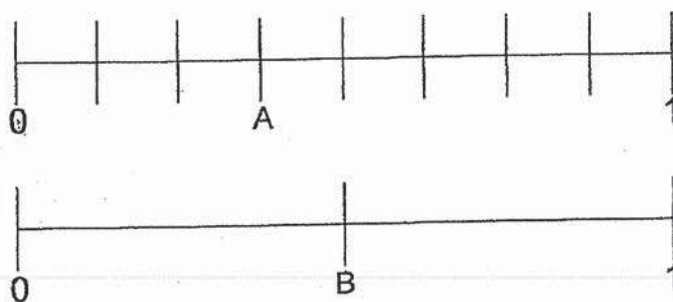
28. Miss Chou gave some stickers to 9 children.
She gave each child 78 stickers and had 12 stickers left.
How many stickers did she have at first?

Ans: _____

29. The figure below is made up of 3 identical squares.
 $\frac{1}{12}$ of the figure below is shaded.
Shade more part(s) so that $\frac{1}{6}$ of the figure is shaded.



30. Look at the number lines below.



Find the sum of A and B.

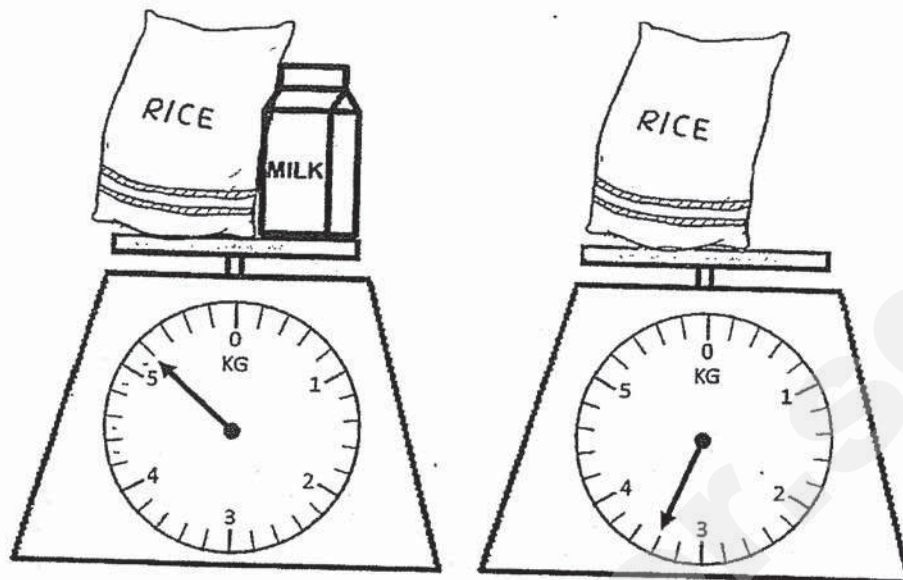
Ans: _____

31. Mary had \$100.
She bought the following items as shown below.
How much money did she have left?

	
Rice Cooker \$22.80	Iron \$33.40

Ans: \$ _____

32. The weighing scales show the mass of the following objects.



What is the mass of the milk carton?

Ans: _____ g

33. Shimin had 868 g of flour.
She used 40 g of flour and packed the remaining flour equally into 6 bags.
How much flour did she pack in each bag?

Ans: _____ g

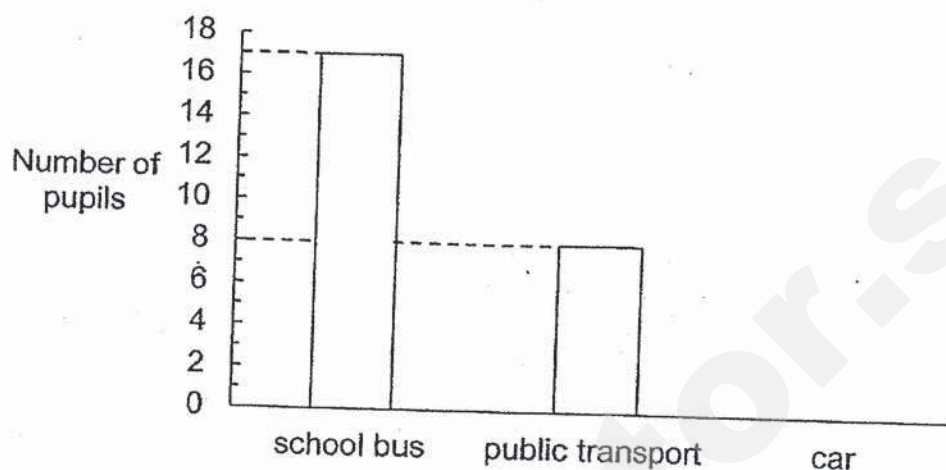
34. Siqi spent 2 h 15 min tidying her room.
When she finished tidying the room, it was 7.50 p.m.
What time did she start tidying her room?

Ans: _____ p.m.

35. The length of a rectangle is 5 times its breadth.
The breadth of the rectangle is 9 cm.
What is the area of the rectangle?

Ans: _____ cm^2

36. The graph below shows the different ways a group of pupils from Class 3K go to school.
The bar that shows the number of pupils who goes to school by car is **not** drawn.
There are 40 pupils in Class 3K.
Find the number of pupils in Class 3K who go to school by car.



Ans: _____

37. Alex had 100 more pens than Brenda at first.
Brenda then gave 20 pens to Alex.
How many more pens did Alex have than Brenda in the end?

Ans: _____

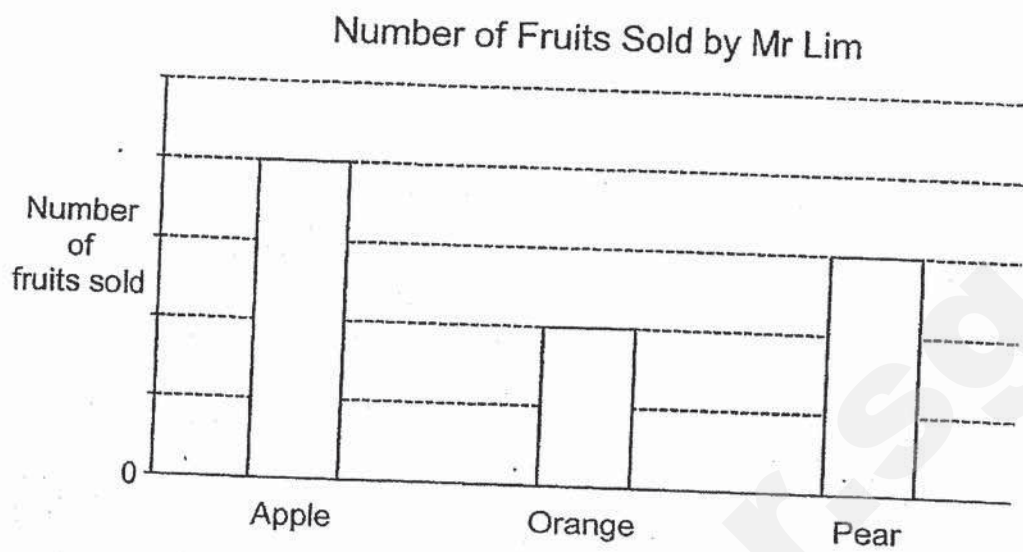
38. A table and 3 identical chairs cost \$85.60.
The table and 1 such chair cost \$62.40.
How much do 2 such chairs cost?

Ans: \$ _____

39. Johan had some marbles at first.
He gave 359 of his marbles away and bought 245 marbles.
In the end, Johan had 425 marbles.
How many marbles did he have at first?

Ans: _____

40. The graph below shows the number of fruits sold by Mr Lim in a week.



Mr Lim sold 14 more apples than oranges.
How many pears did Mr Lim sell?

Ans: _____

For questions 41 to 45, 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)

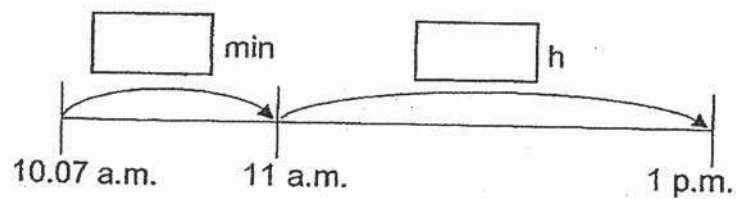
41. Meiling has 985 balls.
She has 295 more balls than Jun Wei.
- (a) How many balls does Jun Wei have?
- (b) Meiling gives all her balls equally to 5 people.
How many balls does each person get?

Ans: (a) _____ [2]

(b) _____ [2]

42. Tammy started her piano lesson at 10.07 a.m.
The lesson ended at 1 p.m.

- (a) The timeline below shows the duration from 10.07 a.m. to 1 p.m.
Fill in the boxes on the timeline.

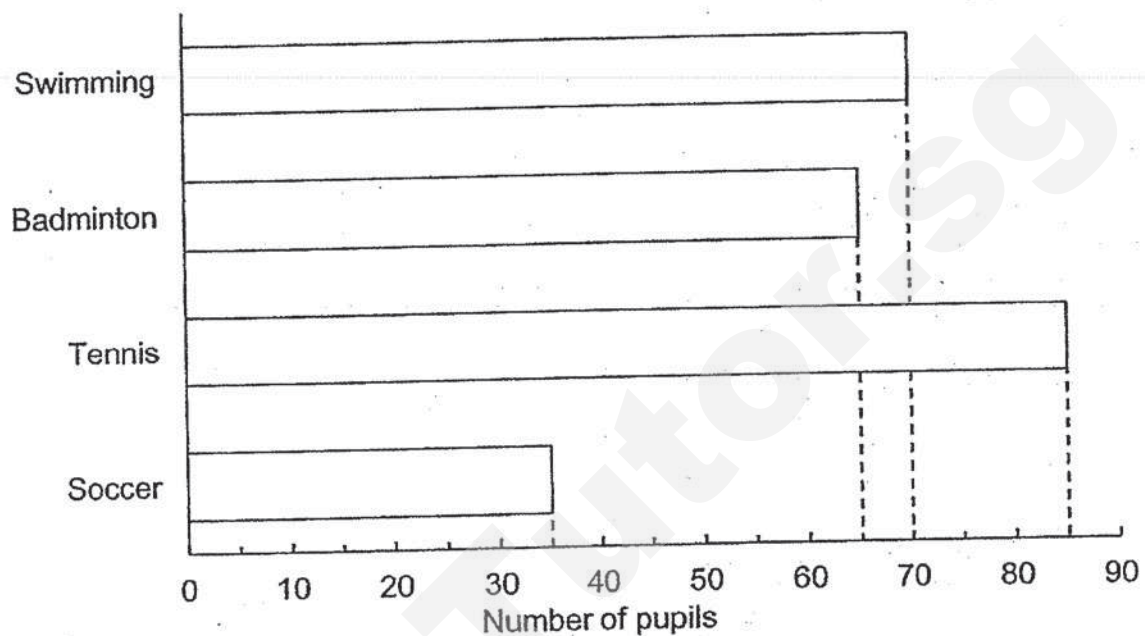


[2]

- (b) After her piano lesson, she had her lunch for 45 minutes.
What time did she finish her lunch?

Ans: (b) _____ [2]

43. The bar graph below shows the favourite sport of all the Primary 3 pupils in a school.



Read the following statements.

Put a tick (✓) in the box if the statement is correct.

Put a cross (x) in the box if the statement is wrong.

(a) The total number of Primary 3 pupils is 245.

☐

(b) The least favourite sport is soccer.

☐

(c) There are 5 more pupils who like swimming than badminton.

☐

(d) There are twice as many pupils who like badminton as soccer.

☐

[4]

44. Some trees are planted at an equal distance apart along a straight road. The distance between the 1st tree and the 10th tree is 720 m.
- (a) What is the distance between the 1st and the 2nd tree in metres?
- (b) What is the distance between the 8th and the 15th tree in metres?

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

45. There are 30 pupils in a class.
Each girl is given 7 sweets.
Each boy is given 10 sweets.
A total of 249 sweets is given to them.

(a) How many girls are there in the class?

(b) How many boys are there in the class?

Ans: (a) _____ [2]

(b) _____ [2]

End of Paper

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ANSWER KEY

YEAR : 2019

LEVEL : PRIMARY 3

SCHOOL : NANYANG PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SECOND SEMESTRAL ASSESSMENT

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

Q21 2560

Q22 4

Q23 2h 56min

Q24

Q25 35

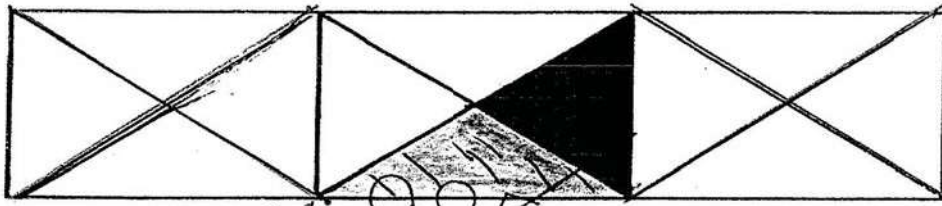
Q26 827

Q27 3

KIASU
ExamPaper
Islandwide Delivery | Whatsapp 0916660031

Q28 714

Q29



Q30 0.7

Q31 \$43.80

Q32 1800g

Q33 138g

Q34 5.35 p.m.

Q35 405 cm²

Q36 15

Q37 140

Q38 \$23.20

Q39 539

Q40 21

Q41 (a)690

(b)197

Q42 (a)53min 2h

(b)1.45 p.m.

Q43 (a)X

(b) ✓

(c) ✓

(d) X

Q44 (a)80m

(b)560m

Q45 (a)17

(b)13



3
b/d

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PEI CHUN PUBLIC SCHOOL
SEMESTRAL ASSESSMENT 2, 2019

MATHEMATICS
PRIMARY 3

Time : 1 h 45 min

Name : _____ ()

Class : Primary 3 / _____

Date : 30 October 2019

Maths Teacher: _____

Parent's Signature: _____

Section A	20
Section B	38
Section C	22
TOTAL	80

INSTRUCTIONS TO CANDIDATES

DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

SHOW YOUR WORKING CLEARLY AS MARKS ARE AWARDED FOR CORRECT WORKING.

SmileTutor.sg

Section A

Questions 1 to 10 carry 2 marks each. For each question, choose the correct answer and write its number in the brackets provided.
(20 marks)

1. What is the value of the digit 7 in 9075?

(1) 7

(2) 70

(3) 700

(4) 7000

()

2. Look at the number pattern below and find the missing number in the box.

4309	4109	3909	?	3509	3309
------	------	------	---	------	------

(1) 3609

(2) 3960

(3) 3709

(4) 3970

()

3. Arrange the following fractions in order. Begin with the greatest.

$$\frac{1}{10}, \frac{3}{5}, \frac{1}{2}$$

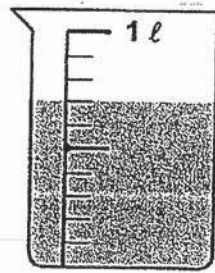
(1) $\frac{3}{5}, \frac{1}{10}, \frac{1}{2}$

(2) $\frac{1}{10}, \frac{1}{2}, \frac{3}{5}$

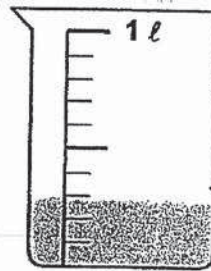
(3) $\frac{3}{5}, \frac{1}{2}, \frac{1}{10}$

(4) $\frac{1}{2}, \frac{1}{10}, \frac{3}{5}$ ()

4. Tim had two beakers of water, Beaker A and Beaker B as shown in the diagram below.



Beaker A



Beaker B

How much water was there in both beakers altogether?

- (1) 300 ml (2) 400 ml
(3) 500 ml (4) 1000 ml ()

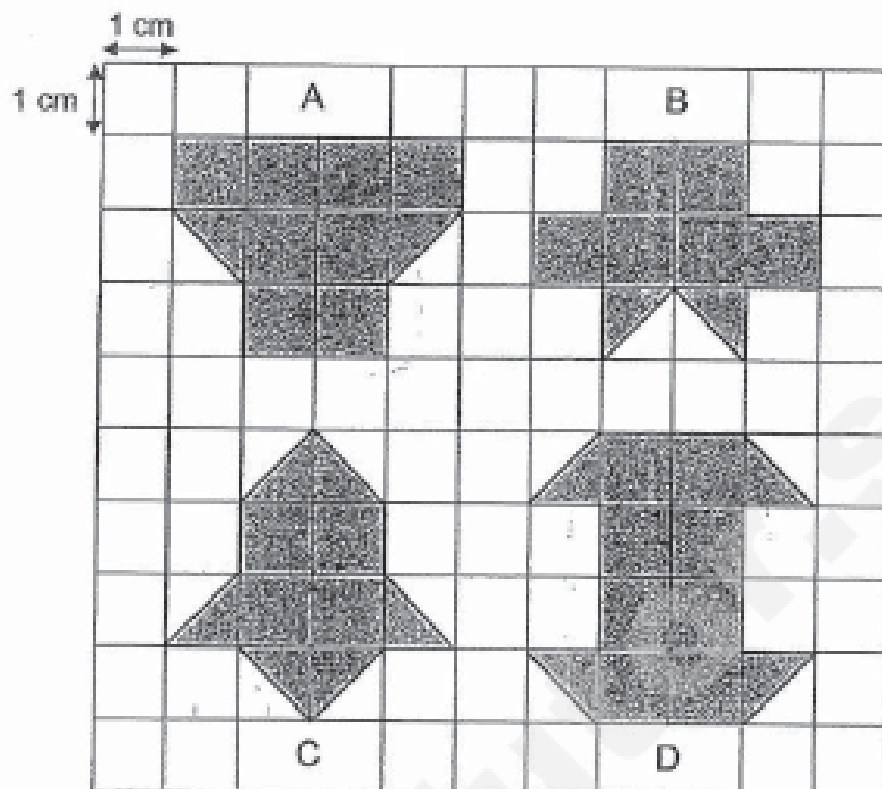
5. Look at the figure below.



Which of the following is a pair of parallel lines?

- (1) AB and DC (2) BC and CD
(3) AD and BC (4) AD and DC ()

6. The figures below are drawn on a 1-cm grid.



Which 2 figures have the same area?

- (1) A and D (2) B and C
 (3) C and D (4) A and B ()
7. Kelly arrived in school at 7.10 a.m. She took 35 minutes to travel from home to school. At what time did she leave her home?
- (1) 6.25 a.m. (2) 6.35 a.m.
 (3) 7.35 a.m. (4) 7.45 a.m. ()

8. The difference between two numbers is 1718. The smaller number is 6147. What is the other number?

(1) 7964

(2) 7865

(3) 4429

(4) 4330

()

9. A sum of money was shared among 4 boys. Each boy received \$200 and there was \$38 left. What was the sum of money?

(1) \$50

(2) \$88

(3) \$762

(4) \$838

()

10. Cindy needs 175 cm of cloth to make a blouse. She needs 25 cm more cloth to make a dress. How much cloth does Cindy need to make 2 such dresses?

(1) 200 cm

(2) 300 cm

(3) 375 cm

(4) 400 cm

()

Section B

Do not write
in this space

Questions 11 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

11. Write 7 thousands, 9 hundreds and 4 ones in numerals.

Answer : _____

12. Find the product of 369 and 8.

Answer : _____

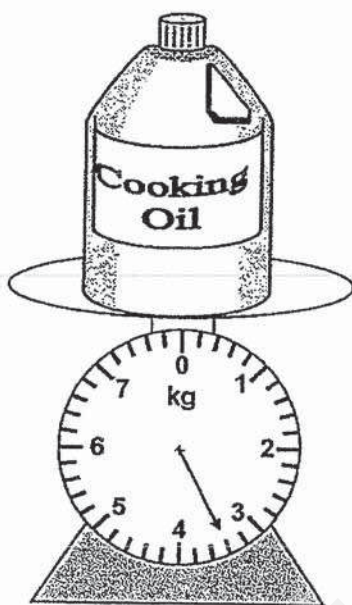
13. Express $\frac{9}{12}$ in its simplest form.

Answer : _____

SCORE

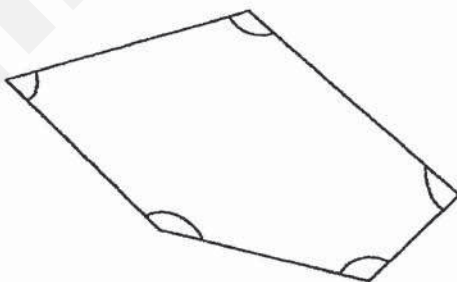
14. What is the mass of the bottle of cooking oil?

Do not write
in this space



Answer : _____ kg _____ g

15. In the diagram below, how many of the marked angles are obtuse angles?

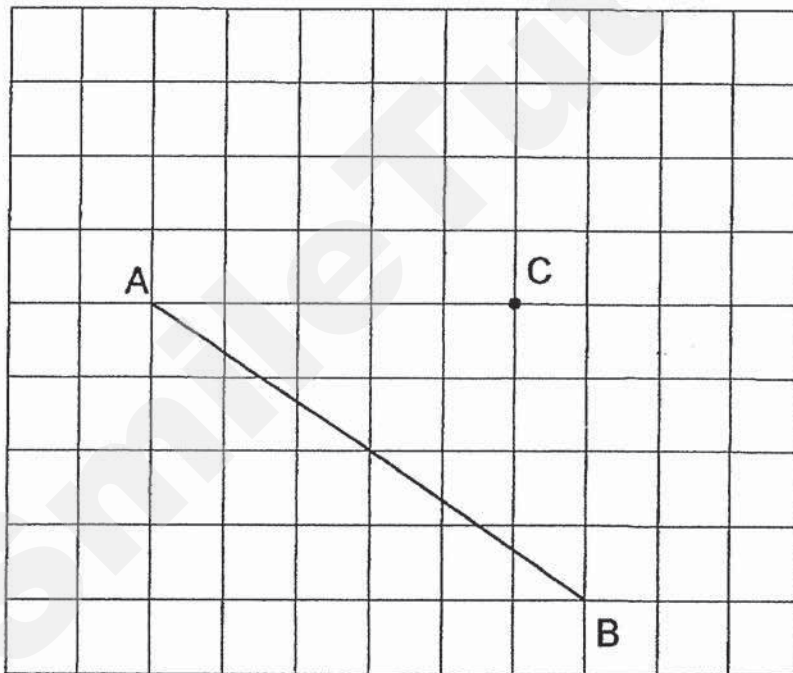


Answer : _____

16. Jessica's piano lesson started at 9.45 a.m. Her lesson lasted for 1 h 20 min. At what time did her lesson end?

Answer : _____ a.m.

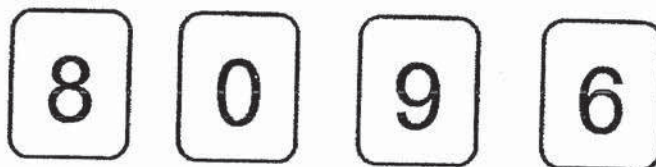
17. Draw a line parallel to line AB passing through Point C.



SCORE

18. Use all the following digits to form the greatest 4-digit odd number. Each digit can only be used once. Do not begin with the digit '0'.

Do not write
in this space

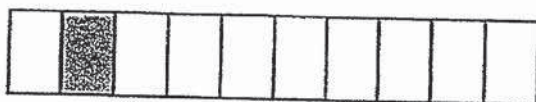


Answer : _____

19. Find the value of $\frac{1}{3} + \frac{2}{6}$. Give your answer in the simplest form.

Answer : _____

20. The figure below is made up of 10 equal parts. How many more parts must be shaded so that $\frac{3}{5}$ of the figure is shaded?



Answer : _____

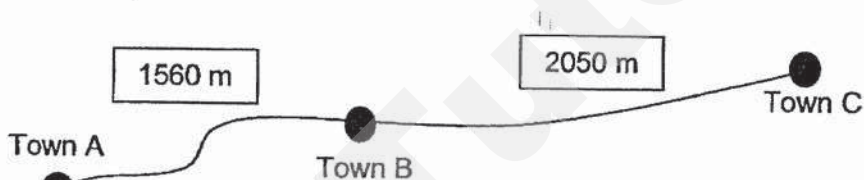
Questions 21 to 34 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (28 marks)

Do not write
in this space

21. Annie has 3 fifty-cent coins and 4 five-dollar notes. How much money does she have altogether?

Answer : \$ _____

22. How much farther was the distance between Town B and Town C than that between Town A and Town B?



Answer : _____ m

23. A tennis racket cost \$128. A pair of sports shoes cost \$19.60 less than the tennis racket. How much did the pair of sports shoes cost?

Answer : \$ _____

SCORE

24. Mrs Wong used 135 g of flour to bake a cake. How much flour did Mrs Wong use to bake 5 such cakes?

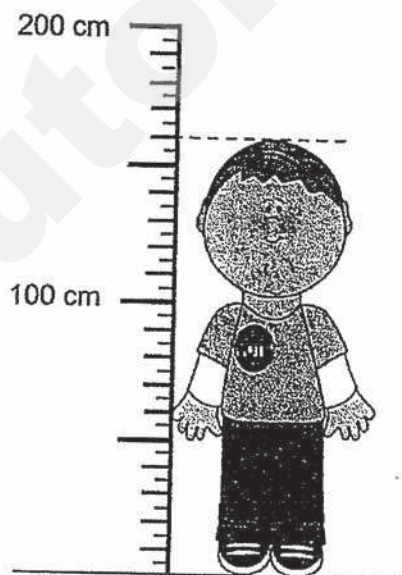
Do not write
in this space

Answer : _____ g

25. The figure shows the height of a boy.
What is his height

(a) in centimetres?

(b) in metres and centimetres?



Answer : (a) _____ cm

(b) _____ m _____ cm

26. Mandy packed 932 sweets into as many boxes of 9 as possible. How many sweets were left unpacked?

Answer : _____

27. Mr Suri sold 243 apples. Mr Ng sold 3 times as many apples as Mr Suri. How many apples did Mr Ng sell?

Answer : _____

28. A pail with a capacity of 2 l contains 1400 ml of water. 3 full jugs of water are needed to fill the pail completely. What is the capacity of a jug?

Answer : _____ ml

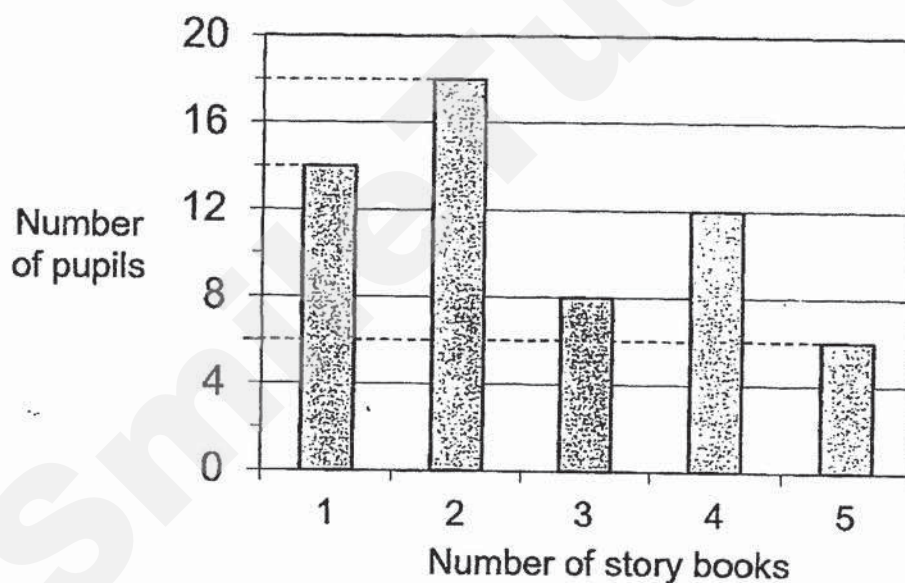
SCORE

29. Ravi had 680 marbles at first. He gave away 8 marbles and packed the remaining marbles into packets of 4 marbles. How many packets of marbles did Ravi pack?

Do not write in this space

Answer : _____

30. The graph below shows the number of story books read by a group of pupils last week.



How many pupils read more than 1 but fewer than 4 books last week?

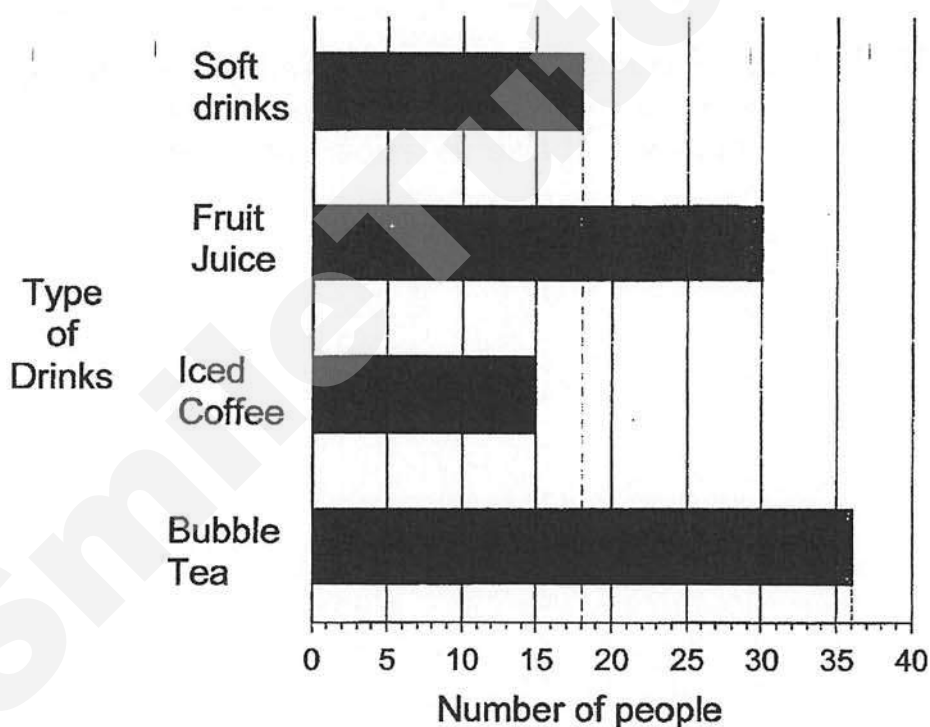
Answer : _____

SCORE

31. Janet gave 60 muffins to her classmates. 12 of her classmates took 1 muffin each. The rest of her classmates took 2 muffins each. How many of Janet's classmates took 2 muffins each?

Answer : _____

32. A group of people was asked to choose their favourite choice of drinks. The bar graph below shows their choices.



How many more people like fruit juice than soft drinks?

Answer : _____

SCORE

33. A van can carry up to 8 people. What is the smallest number of vans needed to carry 97 people?

Do not write
in this space

Answer : _____

34. Mr Smith bought 6 oranges and 8 apples with some money. An orange cost twice as much as an apple. How many apples could Mr Smith buy with the same amount of money?

Answer : _____

SCORE

Section C

do not write
in this space

For questions 35 to 40, 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. (22 marks)

35. A shirt cost \$65.30. Mrs Lee bought a bag that cost \$24.80 more than the shirt.

- (a) What was the cost of the bag?
- (b) Mrs Lee gave the cashier a \$100 note to pay for the bag. What was the change she received?

Answer : (a) _____ [1]

(b) _____ [2]

SCORE

36. Mrs Tan started washing and polishing her car at 5.00 p.m.
She took 40 min to wash her car and 1 h 25 min to polish her car.

Do not writ
in this spac

- (a) At what time did Mrs Tan complete washing and polishing her car?
- (b) How much more time did Mrs Tan take to polish than wash her car?

Answer : (a) _____ [1]

(b) _____ [2]

SCORE

37. Jerry ran 1650 m. He ran 800 m more than Kenny.

Do not write
in this space

- (a) What is the distance Kenny ran in metres?
- (b) What is the total distance ran by the two boys?
Leave your answer in km and m.

Answer : (a) _____ [2]

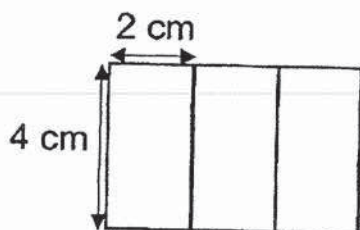
(b) _____ [2]

SCORE

38. Janice placed 3 rectangular cards of the same size together to form a large rectangle as shown below.

Do not write
in this space

- (a) What is the perimeter of the large rectangle?
(b) What is the area of the large rectangle?



Answer : (a) _____ [2]
(b) _____ [2]

39. 3480 people were at a football match. 1905 of them were adults and the rest were children. There were 4 times as many boys as girls at the football match.

- (a) How many children were at the football match?
- (b) How many girls were at the football match?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

40. Mrs Ong bought a total of 50 notebooks and scissors for \$154. She paid \$5 for each notebook and \$2 for each pair of scissors.

Do not write
in this space

- (a) How many pairs of scissors did she buy?
(b) How many notebooks did she buy?

Answer : (a) _____ [3]

(b) _____ [1]

End of Paper

SCORE

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ANSWER KEY

YEAR : 2019

LEVEL : PRIMARY 3

SCHOOL : SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

BOOKLET A

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

Q11 7904

Q12 2952

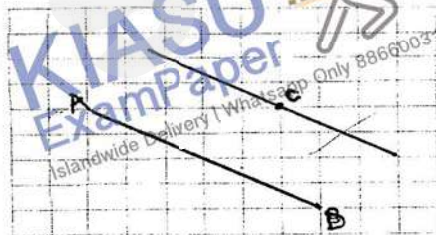
Q13 $\frac{3}{4}$

Q14 3kg 400g

Q15 3

Q16 11.05 a.m.

Q17



Q18 8609

Q19 $\frac{2}{3}$

Q20 5

Q21 \$21.50

Q22 490m

Q23 \$108.40

Q24 675g

Q25 (a)160cm

(b)1m 60m

Q26 5

Q27 729

Q28 200ml

Q29 168

Q30 26

Q31 24

Q32 12

Q33 13

Q34 20

Q35 (a)\$90.10

(b)\$9.90

Q36 (a)7.05

(b)45 min

Q37 (a)850m

(b)2km 500m

Q38 (a)20cm

(b)24cm²

Q39 (a)1575

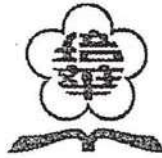
(b)315

Q40 (a)32

(b)18

2
ZWP

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PEI HWA PRESBYTERIAN PRIMARY SCHOOL
2019 WEIGHTED ASSESSMENT 2
PRIMARY 3
MATHEMATICS

Name: _____ ()

Class: 3 Responsibility ()

Date : Term 3 Week 9

Parent's Signature

Total time: 1 hr

INSTRUCTIONS TO CANDIDATES

1. 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

This booklet consists of 12 printed pages, excluding the cover page.

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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 Which of the following is the same as 9050¢?

- (1) \$0.95
- (2) \$9.50
- (3) \$90.50
- (4) \$95

()

2 Mr Tan had \$340. He spent \$152 and saved the rest. How much did he save?

- (1) \$188
- (2) \$198
- (3) \$492
- (4) \$502

()

3 2 m 5 cm = _____ cm

- (1) 25
- (2) 205
- (3) 250
- (4) 2500

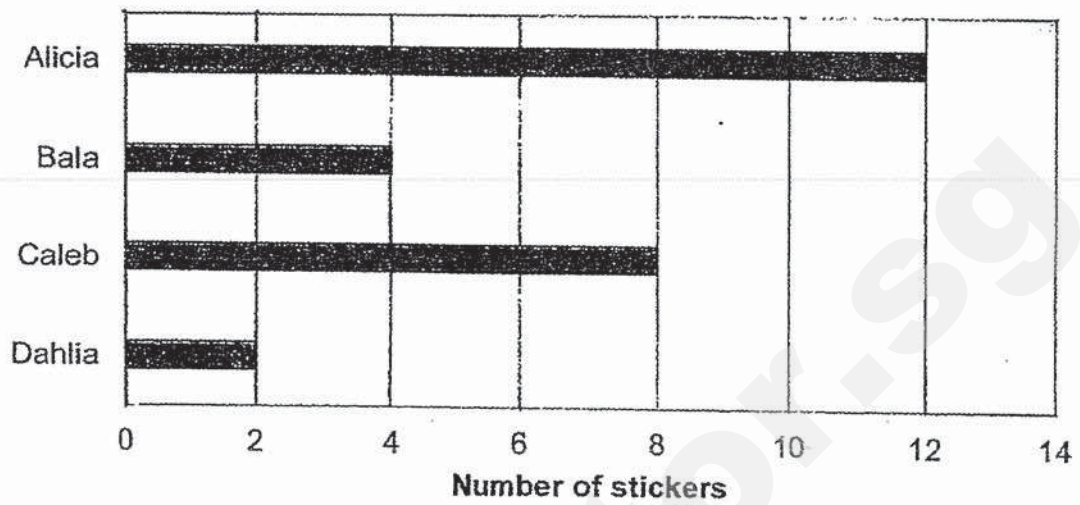
()

4 Mr Tan drinks 750 ml of milk a day.
How much milk does he drink in two days?

- (1) 375 ml
- (2) 1 l 50 ml
- (3) 1 l 500 ml
- (4) 3 l 75 ml

()

- 5 The graph below shows the number of stickers of some children.



Based on the information above, how many stickers do the children have in all?

- (1) 26
- (2) 27
- (3) 28
- (4) 29

()

- 6 Which of the following is not an equivalent fraction of $\frac{3}{12}$?

- (1) $\frac{1}{3}$
- (2) $\frac{1}{4}$
- (3) $\frac{2}{8}$
- (4) $\frac{5}{20}$

()

- 7 Daniel painted $\frac{1}{4}$ of a table red and $\frac{2}{12}$ of the same table blue. What fraction of the table was painted?

(1) $\frac{1}{10}$

(2) $\frac{9}{10}$

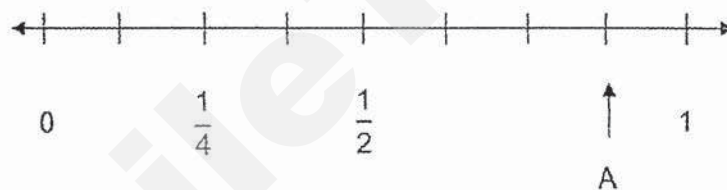
(3) $\frac{5}{12}$

(4) $\frac{7}{12}$

()

- 8 Refer to the number line below.

What is the missing fraction indicated as A?



(1) $\frac{1}{8}$

(2) $\frac{1}{3}$

(3) $\frac{3}{4}$

(4) $\frac{7}{8}$

()

9 The length of a car is about _____.

- (1) 4 cm
- (2) 40 cm
- (3) 4 m
- (4) 40 m

()

10 Mr Ng is 85 kg.

He is 5 times as heavy as his daughter.

What is the difference in their mass?

- (1) 17 kg
- (2) 68 kg
- (3) 80 kg
- (4) 102 kg

()

11 Apples are sold at 3 for \$4.

David has \$28.

How many apples can he buy?

- (1) 12
- (2) 16
- (3) 21
- (4) 35

()

- 12 Ali paid \$28 for two adult tickets and two student tickets.
An adult ticket costs \$4 more than a student ticket.
What is the cost of a student ticket?

- (1) \$4
- (2) \$5
- (3) \$7
- (4) \$9

Section B (12 x 1 = 12 marks)

Write your answers in the answer blanks provided.

For questions that require working, show your working clearly in the space provided.

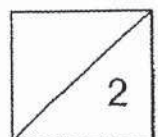
- 13 What is the total value of the amount shown below?



Ans: \$ _____

- 14 Jim has \$7.70.
His brother has \$3.60.
How much money do they have altogether?

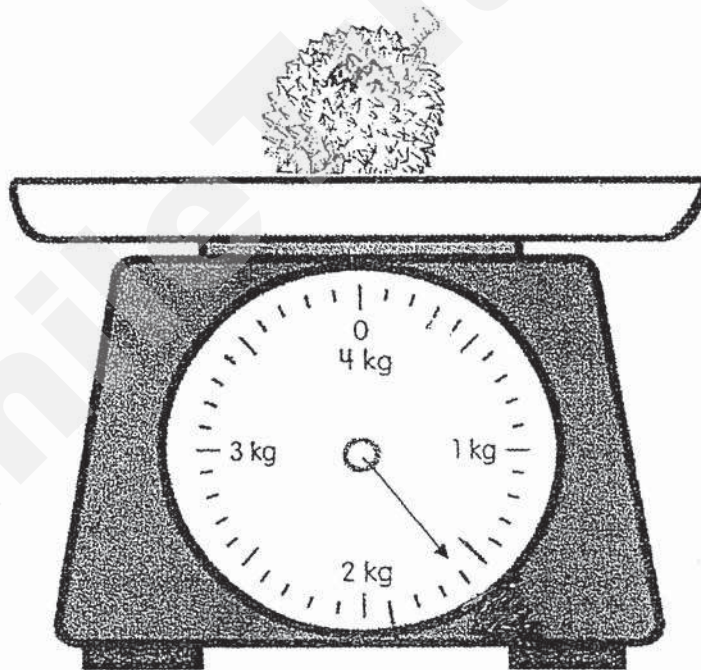
Ans: \$ _____



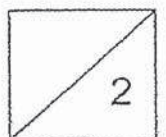
- 15 Pail A has a capacity of 800 mL.
Pail B's capacity is twice of Pail A.
Find the total capacity of both pails.
Express your answer in L and mL

Ans: _____ L _____ mL

- 16 Refer to the diagram below.
What is the mass of the durian?
Express your answer in grams.



Ans: _____ g



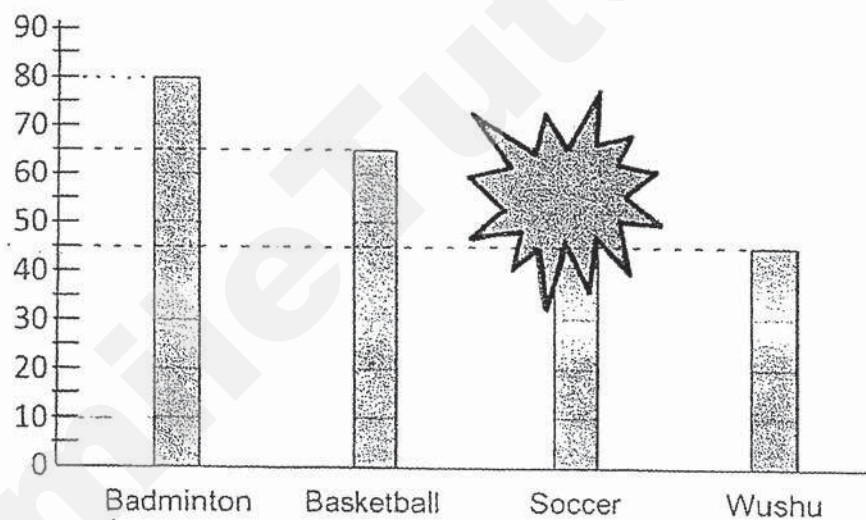
20 $9\text{ l } 2\text{ ml} = \underline{\hspace{2cm}}\text{ ml}$

Ans: ml

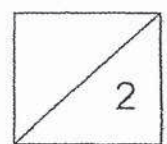
- 21 The graph below shows the number of pupils in four different CCA.

There are 250 pupils in total.

How many pupils are in soccer?



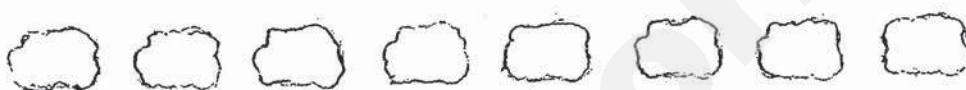
Ans:



22 Eight 50¢ coins = _____ 20¢ coins

Ans: _____

- 23 Some trees are planted at equal distances along a road.
The distance between the 1st and 5th tree is 16 m.
What is the distance between the 3rd and the 8th tree?

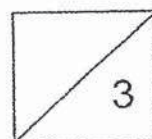


1st

Ans: _____ m

- 24 Mrs Tan has \$30.
An egg tart costs \$2.
For every 5 egg tarts bought, 1 egg tart is given free.
How many egg tarts can she buy?

Ans: _____

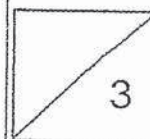


Section C (2 x 3 = 6 marks)

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

- 25 A box with 3 identical balls weigh 21 kg.
The same box with 1 such ball weigh 13 kg.
What is the mass of the empty box?

Ans: _____ [3]

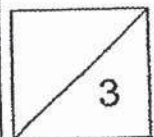


26 The sum of two fractions is $\frac{9}{10}$.

The difference between the two fractions is $\frac{1}{2}$.

What are the two fractions?

Ans: _____ and _____ [3]



End of Paper



PEI HWA PRESBYTERIAN PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2

PRIMARY 3
MATHEMATICS PAPER

24 OCT 2019

Name: _____

Form Class / Register No. : 3R_____ / _____

Total time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. 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 and answer all questions.
4. For Section A, shade your answers on the Optical Answer Sheet (OAS) provided.
5. For Section B and C, write all your answers in this booklet.
6. The use of calculator is **NOT ALLOWED**.

Marks (Section A)	30
Marks (Section B)	30
Marks (Section C)	20
Total Marks:	80

This booklet consists of 17 printed pages, excluding the cover page.

Section A: (15 × 2 = 30 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 What is the value of the digit 4 in 4208?

- (1) 4
- (2) 40
- (3) 400
- (4) 4000

()

2 What is the sum of 2706 and 599?

- (1) 2107
- (2) 3295
- (3) 3305
- (4) 3395

()

3 What is the missing number in the box?

$$9 \times 7 = \square \times 7 + 6 \times 7$$

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

()

- 4 Peter has 165 stickers.
Jane has three times as many stickers as Peter.
How many stickers do they have altogether?

- (1) 55
- (2) 218
- (3) 495
- (4) 660

()

5



- Joan has 4 twenty-cent coins and 2 fifty-cent coins.
She puts some coins into a donation tin.
Which one of the following amount could she have donated?

- (1) \$0.30
- (2) \$1.10
- (3) \$1.50
- (4) \$1.70

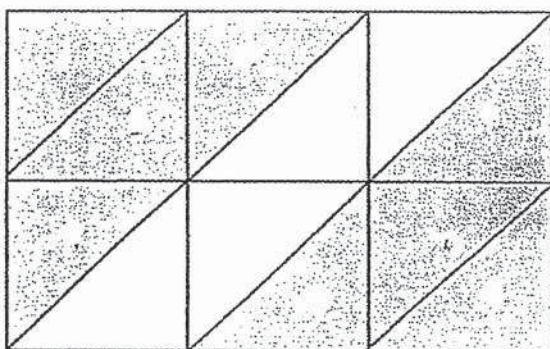
()

- 6 George bought 750 g of carrots.
He packed them equally into 6 packets.
What was the mass of 1 packet of carrots?

- (1) 125 g
- (2) 150 g
- (3) 4310 g
- (4) 4500 g

()

- 7 What fraction of the following figure is unshaded?



(1) $\frac{1}{3}$

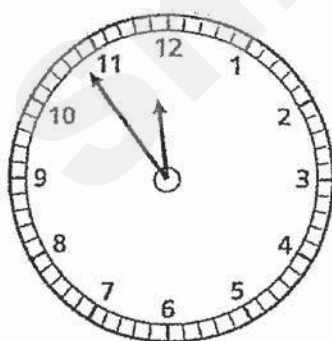
(2) $\frac{1}{2}$

(3) $\frac{3}{4}$

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

()

- 8 The time now is 11.54 a.m.
What time will it be 20 minutes later?



(1) 12.13 a.m.

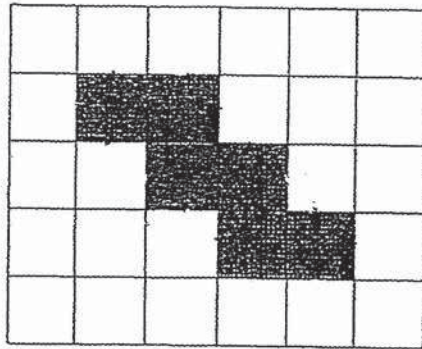
(2) 12.13 p.m.

(3) 12.14 a.m.

(4) 12.14 p.m.

()

- 9 The shaded figure below is made up of 1-cm squares.



The perimeter of the shaded figure is _____ cm.

- (1) 6
- (2) 8
- (3) 12
- (4) 14

()

- 10 The difference between 2 numbers is 188.
The bigger number is 3 times the smaller number.
What is the bigger number?

- (1) 192
- (2) 282
- (3) 564
- (4) 752

()

- 11 Alan has 87 marbles. He wants to put them all into trays.
Each tray can hold a maximum of 9 marbles.
What is the minimum number of trays he needs?

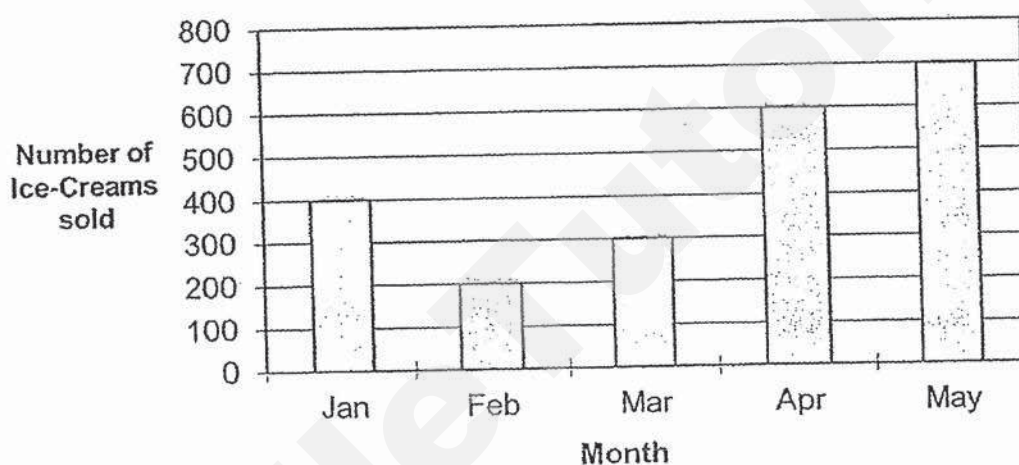
- (1) 9
- (2) 10
- (3) 11
- (4) 12

()

- 12 Ali is 110 cm tall.
He is 15 cm taller than John.
What is the total height of the two boys?

- (1) 2 m 5 cm
(2) 2 m 50 cm
(3) 20 m 5 cm
(4) 20 m 50 cm

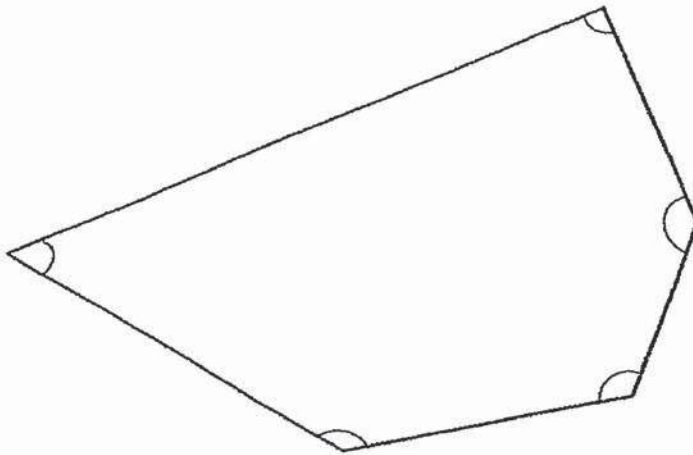
- 13 The bar graph below shows the number of ice-creams sold over 5 months.



How many more ice-creams were sold in May than in March?

- (1) 300
(2) 400
(3) 900
(4) 1000

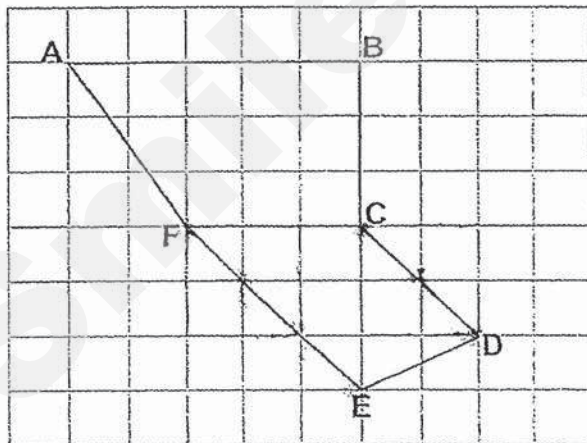
- 14 How many marked angles in the figure are greater than a right angle?



- (1) 7
- (2) 5
- (3) 3
- (4) 4

()

- 15 Look at the figure in the square grid below.



Which 2 lines will make a pair of parallel lines?

- (1) AB and BC
- (2) AF and BC
- (3) CD and FE
- (4) AB and ED

()

Section B: (15 × 2 = 30 marks)

Solve each of the following problems. Show all your working and statements clearly.

Write your answers in the space provided.

- 16 4586 is 100 less than _____.

Ans: _____

- 17 What is the missing number in the box below?

$$\begin{array}{r} 4 \quad \square \quad 1 \\ \times \quad \quad 7 \\ \hline 3 \quad 4 \quad 3 \quad 7 \end{array}$$

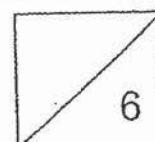
Ans: _____

- 18 Jane needs 18 packets of flour.



How much would she need to pay altogether?

Ans: \$ _____



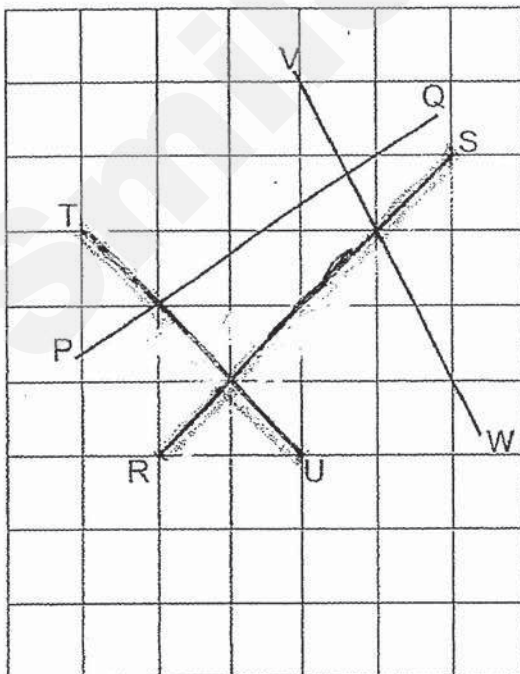
- 19 When a number is divided by 3, it gives a quotient of 47 and a remainder of 2.
What is the number?

Ans: _____

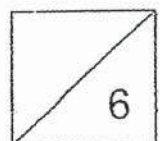
- 20 Find the value of $\frac{1}{2} + \frac{3}{10}$.
Give your answer in the simplest form.

Ans: _____

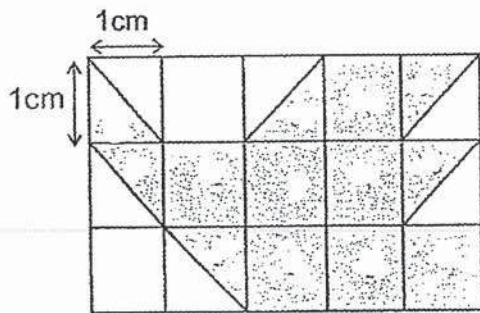
- 21 Name a pair of perpendicular lines in the figure below.



Ans: _____ \perp _____



- 22 What is the area of the shaded figure?



Ans: _____ cm²

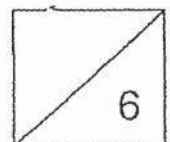
- 23 What is the smallest 4-digit even number that can be formed using 6, 3, 8, 9?

Ans: _____


- 24 Complete the following number pattern.


1956 , 1967 , 2000 , 2055 , _____ , 2231

Ans: _____



25 ☺ + ❄ = 9





56

What is the value of \star ?

Ans: _____

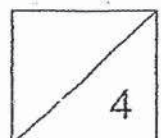
26 What are the missing numbers below?

$$\begin{array}{r}
 2 3 1 \\
 4 \overline{) 9 \boxed{a} 4} \\
 \underline{- \boxed{b}} \\
 \boxed{c} 2 \\
 \underline{- 1 2} \\
 0 4 \\
 - 4 \\
 \underline{0}
 \end{array}$$

Ans: a) _____

b) _____

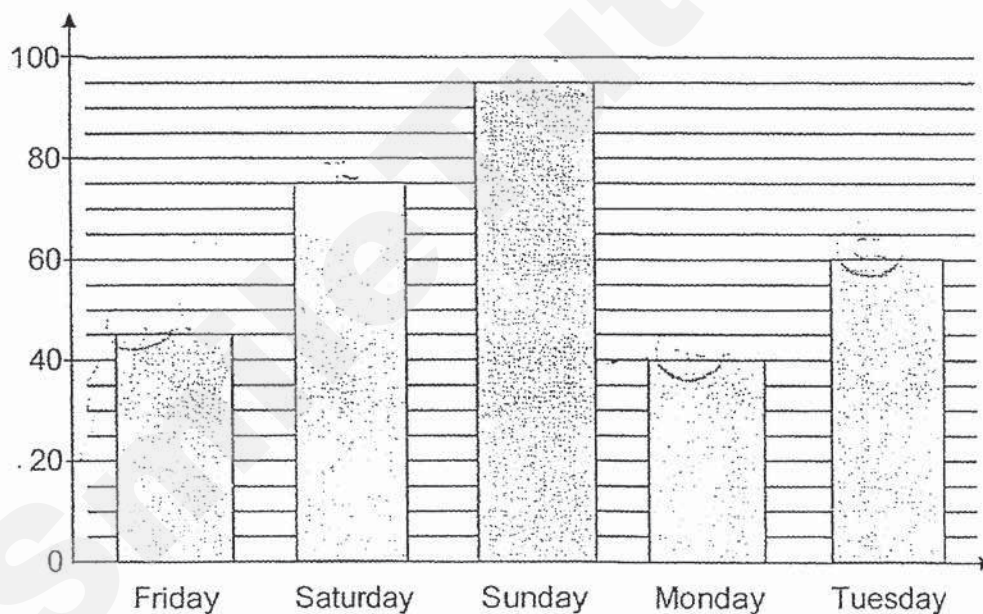
c) _____



- 27 2 similar bottles and 2 similar jugs can hold 2200 ml of water.
If the capacity of 1 bottle is 50 ml, find the capacity of 1 jug.
Express your answers in litres and millilitres.

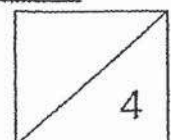
Ans: _____ l _____ ml

- 28 The graph below shows the number of durians sold in a shop over five days.
Study it carefully and answer the question.



How many more durians did the shop sell over the weekends than on weekdays?

Ans: _____



- 29 The clock is set exactly at 7 p.m.

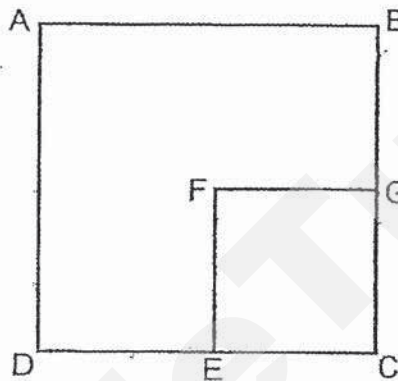
Every hour, it slows down by 4 minutes.

What is the time shown on the clock when the actual time is 10 pm?

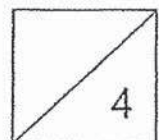
Ans: _____ pm

- 30 ABCD and FGCE are squares.

How many right angles are there in the figure?



Ans: _____



Section C: (5 × 4 = 20 marks)

Solve each of the following problems.

Show all your working and number equations clearly.

Write your answers in the spaces provided.

Working

31 Daniel and Pete had 108 erasers altogether.

Daniel and Jon had 44 erasers altogether.

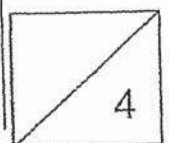
Pete had 5 times as many as Jon.

(a) How many more erasers did Pete have than Jon?

(b) How many erasers did Daniel have?

Ans: a) _____ [1m]

Ans: b) _____ [3m]



- 32 Sandy has \$67 less than Teri.
Sandy has \$59 less than Rachel.
They have \$1293 altogether.
How much money does Rachel have?

Ans: _____



Working

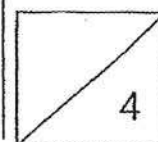
33 Su Mei used 3 squares to form a rectangle as shown below.

The perimeter of the rectangle is 40 cm.

- (a) What is the length of the longer side of the rectangle?
- (b) What is the area of the rectangle?

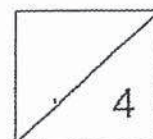
Ans: a) _____ [3m]

Ans: b) _____ [1m]



- 34 There are a total of 28 motorcycles and cars in a carpark.
There are 98 wheels altogether.
How many motorcycles are there?

Ans: _____

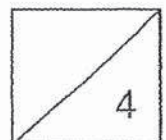


Working

- 35 Mr Muthu is 30 years older than his son now.
In 5 years' time, he will be 3 times as old as his son.
How old is Muthu now?

Ans: _____

(End of Paper)



SmileTutor.sg

SCHOOL : PEI HWA PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA2

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	3	4	2	1	1	4	4	2
Q 11	Q12	Q13	Q14	Q15					
2	1	2	3	3					

BOOKLET B

Q16)	$4586 + 100 = 4686$
Q17)	4 <input type="text" value="9"/> $1 \times 7 = 3437$ Ans : 9
Q18)	$18 \div 3 = 6$ $6 \times 2 = 12$ $12 \times 2 = \$24$
Q19)	$7 \div 3 = 47 \text{ R}2$ $47 \times 3 = 141$ $141 + 2 = 143$
Q20)	$\frac{1}{2} + \frac{3}{10} = \frac{5}{10} + \frac{3}{10}$ $= \frac{8}{10} = \frac{4}{5}$

Q21)	<p>Ans : $TU \perp RS$</p>
Q22)	10cm^2
Q23)	3698
Q24)	$2055 + 77 = 2132$
Q25)	$9 \times 6 = 54$ $56 - 54 = 2$ $9 - 2 = 7$
Q26)	Ans : a)2 b)8 c)1
Q27)	$50 \times 2 = 100$ $2200 - 100 = 2100$ $2100 \div 2 = 1050 \rightarrow 1\text{l } 50\text{ml}$
Q28)	$75 + 95 = 170$ $45 + 40 + 60 = 145$ $170 - 145 = 25$
Q29)	$10\text{p.m} - 7\text{p.m} = 3\text{h}$ $3 \times 4 = 12 \text{ min}$

	$10\text{p.m} - 12\text{min} = 9.48\text{p.m}$
Q30)	9
Q31)	$D + P = 108$ $D + J = 44$ $D + P + J = 152$ a) $108 - 44 = 64$ b) $44 - 16 = 28$
Q32)	$\$59 + \$67 = \$126$ $\$1293 - \$126 = \$1167$ $\$1167 \div 3 = \389 $\$389 + \$59 = \$448$ (Rachel)
Q33)	a) $1 \text{ side} = 40\text{cm} \div 8 = 5\text{cm}$ $3 \times 5 = 15 \text{ cm}$ b) Area $15 \times 5 = 75\text{cm}^2$
Q34)	$28 \times 4 = 112$ $112 - 98 = 14$ $14 \div 2 = 7$
Q35)	Now $2u = 30$ $1u = 30 \div 2 = 15$ (son in 5 yrs time) $3u = 3 \times 15 = 45$ $45 - 5 = 40$

SmileTutor.sg



RED SWASTIKA SCHOOL

2019 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 25 October 2019

BOOKLET A

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.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. 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

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Section A : Multiple-Choice Questions

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)

1 In 8675, the digit 8 is in the _____ place.

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

2 The value of the digit 5 in 3564 is _____.

- (1) 5
- (2) 50
- (3) 500
- (4) 5000

3 Express 12 tens and 4 thousands in numerals.

- (1) 124
- (2) 412
- (3) 4012
- (4) 4120

4 - 140 = 3009

What is the missing number in the box?

- (1) 1609
- (2) 2869
- (3) 3149
- (4) 4409

5 How many hundreds are there in 5600?

- (1) 5
- (2) 6
- (3) 56
- (4) 560

- 6 I think of a number and I multiply it by 8. The answer is 48. What is the number?

(1) 6
(2) 7
(3) 8
(4) 9

- 7 What is the remainder when 997 is divided by 6?

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

- 8 Which of the following is the same as 5030 m?

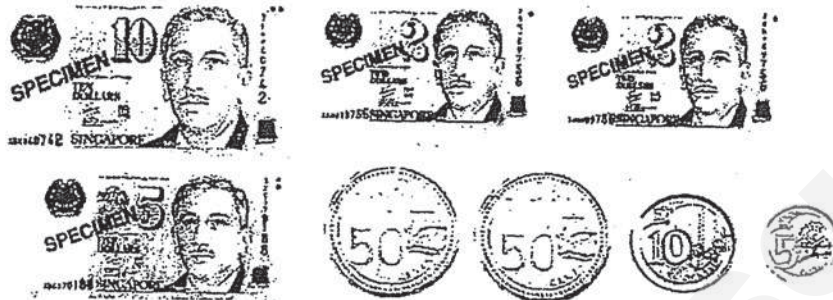
(1) 5 km 3 m
(2) 5 km 30 m
(3) 50 km 3 m
(4) 50 km 30 m

- 9 Which one of the following correctly tells the time on the clock?



(1) 3.14 p.m.
(2) 4.54 p.m.
(3) 6 minutes to 3
(4) 6 minutes to 4

- 10 What is the amount of money shown below?

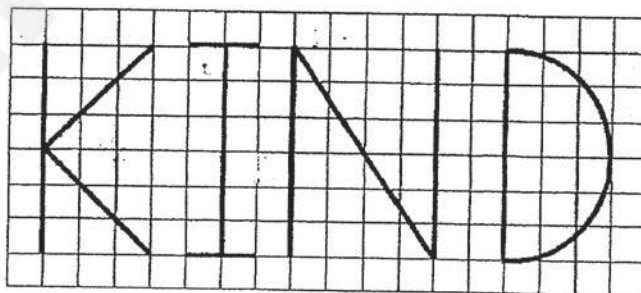


- (1) \$19.15
- (2) \$19.65
- (3) \$20.15
- (4) \$20.65

- 11 Subtract 30¢ from \$61.20.

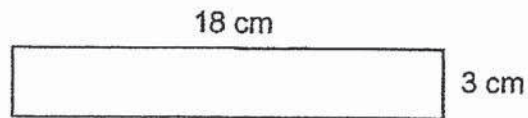
- (1) \$31.20
- (2) \$60.90
- (3) \$61.50
- (4) \$91.20

- 12 How many letter(s) below has/have at least a pair of perpendicular lines?



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

- 13 Find the perimeter of the rectangle shown below.



- (1) 21 cm
 - (2) 39 cm
 - (3) 42 cm
 - (4) 54 cm
- 14 What is the missing numerator and denominator in the boxes?

$$\frac{3}{4} = \frac{\boxed{}}{12} = \frac{18}{\boxed{}}$$

- (1) Numerator : 9 , Denominator : 36
 - (2) Numerator : 9 , Denominator : 24
 - (3) Numerator : 15 , Denominator : 36
 - (4) Numerator : 15 , Denominator : 24
- 15 Cheryl ate $\frac{1}{3}$ of a pizza. Denzel ate $\frac{2}{9}$ of the same pizza. What fraction of the pizza did they eat altogether?

- (1) $\frac{1}{4}$
- (2) $\frac{5}{18}$
- (3) $\frac{4}{9}$
- (4) $\frac{5}{9}$



- 16 Janice had \$2000. She spent \$220 on transport and twice as much on food. How much money had she left?

(1) \$1340
(2) \$1560
(3) \$1780
(4) \$2220

- 17 Benny and Charmaine collected 138 stickers altogether. Charmaine collected 64 more stickers than Benny. How many stickers did Benny collect?

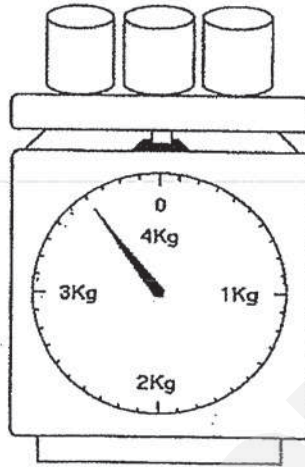
(1) 37
(2) 74
(3) 101
(4) 202

- 18 A shop was having promotion for cupcakes. For every 6 cupcakes bought, 1 cupcake would be given free. Mrs Chan paid for 18 cupcakes. How many cupcakes would she have in all?

Cupcakes Promotion!	
	
Buy 6 cupcakes	Get 1 cupcake free!

(1) 19
(2) 20
(3) 21
(4) 22

- 19 The diagram below shows the mass of 3 identical containers.



Find the mass of 2 such containers.

- (1) 1200 g
- (2) 2400 g
- (3) 3600 g
- (4) 4400 g

20 Given $\heartsuit + \heartsuit + \smile = 12$

$$\smile + \triangle + \triangle = 18$$

$$\heartsuit + \smile + \triangle = ?$$

What number does $\heartsuit + \smile + \triangle$ stand for?

- (1) 14
- (2) 15
- (3) 16
- (4) 30



RED SWASTIKA SCHOOL

RED SWASTIKA SCHOOL

2019 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 25 October 2019

BOOKLET B

25 Questions

60 Marks

In this booklet, you should have the following:

(a) Page 7 to Page 19

(b) Questions 21 to 45

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's Signature : _____

Section B : Short-Answer Questions

Questions 21 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.

(40 marks)

- 21 What is the smallest 4-digit even number that can be formed using 6, 3, 4, 7?

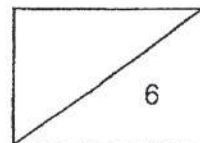
Ans: _____

- 22 Find the product of 304 and 9.

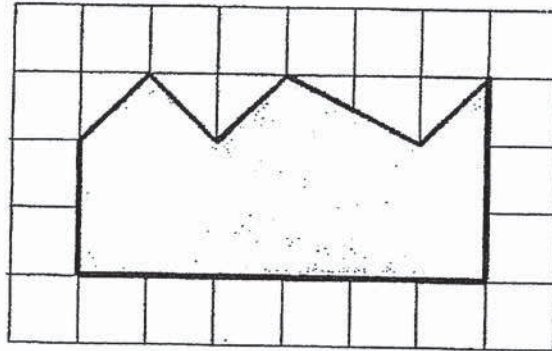
Ans: _____

- 23 Find the difference between 1008 and 12.

Ans: _____



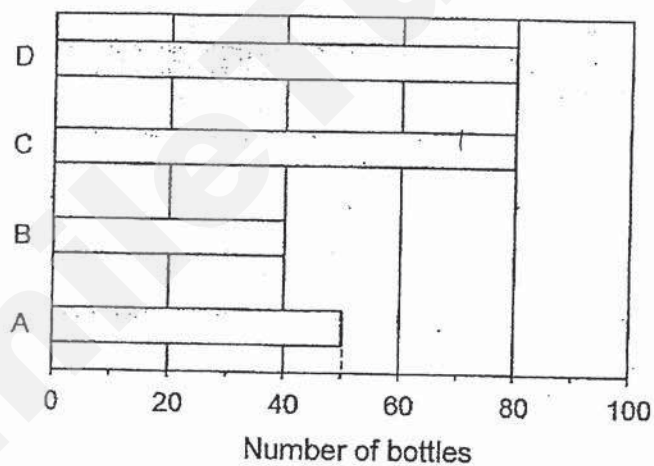
- 24 How many right angles are there in the shaded figure below?



Ans: _____

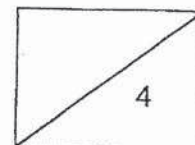
- 25 The bar graph below shows the number of bottles collected by 4 classes, A, B, C and D, for recycling.

Number of bottles collected for recycling



How many bottles did the 4 classes collect in all?

Ans: _____



- 26 Look at the numbers below.

4030, 3440, 3044, 4003

Find the sum of the greatest and the smallest number.

Ans: _____

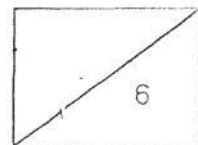
- 27 Mindy spilled some ink on her worksheet. What was the number covered by the ink?

$$\begin{array}{r} 100 \\ 8 \overline{) 800} \\ \underline{800} \\ 00 \\ \underline{00} \\ 03 \\ \underline{00} \\ 3 \end{array}$$

Ans: _____

- 28 There were 543 boys and 372 girls in a school. How many children were there remaining?

Ans: _____



- 29 Study the pattern below. What is the missing number?

21, 122, 223, _____, 425

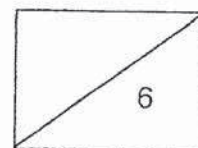
Ans: _____

- 30 Ian is 140 cm tall. Janice is 10 cm taller than Ian. Find their total height in metres and centimetres.

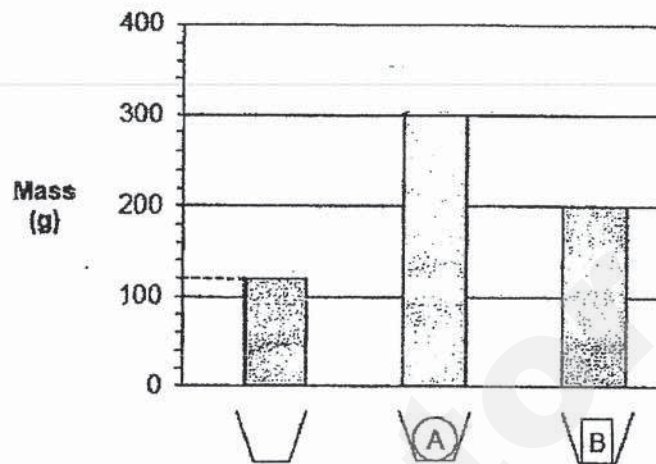
Ans: _____ m _____ cm

- 31 There was 560 ml of water in a flask. 3 more cups of water is needed to fill the flask completely. Given that the capacity of the flask is 2 l, find the capacity of each cup in millilitres.

Ans: _____ ml



The bar graph below shows the mass of a cup when empty and when different objects A and B are placed in the cup. Use the information to answer questions 32 and 33.

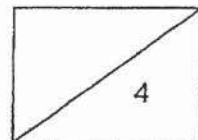


32 Find the mass of object A.

Ans: _____ g

33 How much heavier is object A than object B?

Ans: _____ g



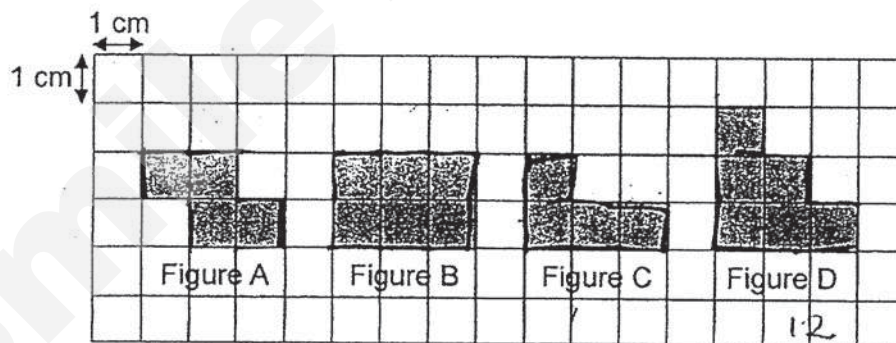
- 34 Andrew left his home at 2.30 p.m. to watch a show at a cinema. He took 1 h 30 min to reach the cinema and was 10 minutes late for the show. What time did the show start?

Ans: _____ p.m.

- 35 A bag cost \$54. A dress is \$8.10 cheaper than the bag. Find the cost of the dress.

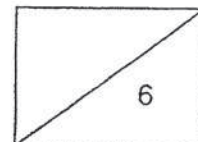
Ans: \$ _____

- 36 Study the figures below.

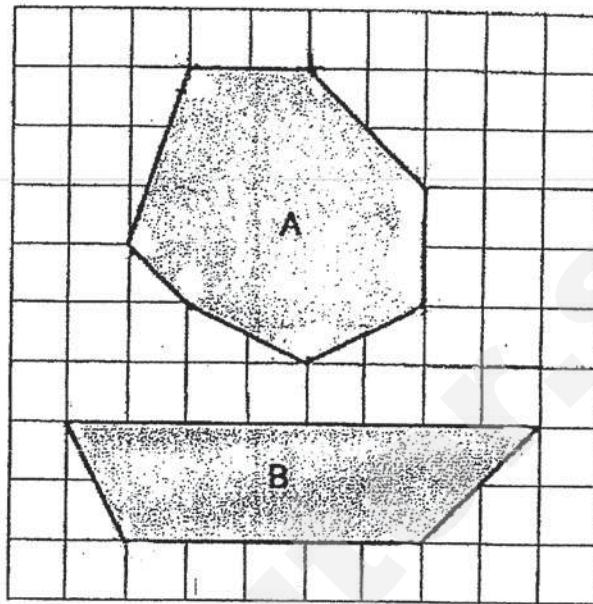


Which two figures have the same area but different perimeter?

Ans: _____



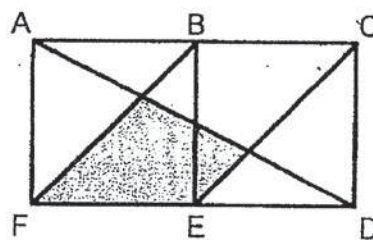
- 37 Study Figure A and Figure B below.



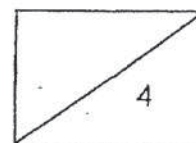
How many more angles are there in Figure A than in Figure B?

Ans: _____

- 38 The figure below is made up of two identical squares ABEF and BCDE. What fraction of the figure ACDF is shaded?



Ans: _____

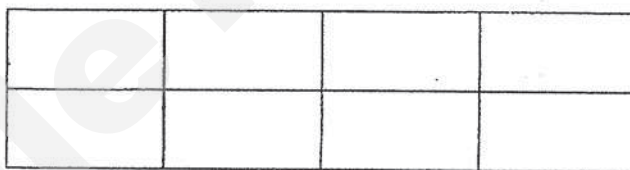


- 39 Arrange the following fractions from the smallest to the greatest.

$$\frac{1}{10}, \frac{1}{2}, \frac{2}{5}$$

Ans: _____
(smallest) (greatest)

- 40 Ali, Bala and Chris shared a chocolate bar. The chocolate bar was cut into 8 equal pieces as shown below. Ali ate $\frac{3}{8}$ of the chocolate bar. Bala ate the greatest portion of the chocolate bar. The three of them ate the whole chocolate bar.



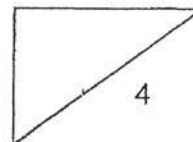
Each statement below is either true or false. For each statement, write 'T' if the statement is true and 'F' if the statement is false.

- (a) Bala and Chris ate $\frac{5}{8}$ of the chocolate bar in all.

Ans: _____

- (b) Chris ate a bigger portion of the chocolate bar than Ali.

Ans: _____



Section C : Long-Answer / Structured Questions

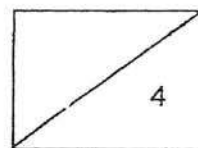
For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided. (20 marks)

- 41 Mrs Tan had 3 boxes of spoons. Each box contained 150 spoons. She repacked the spoons equally into 7 containers.

- (a) How many spoons did she have altogether?
(b) How many spoons were left unpacked?

Ans: (a) _____ [2]

(b) _____ [2]

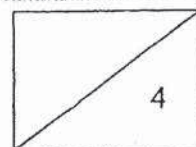


- 42 There was an equal number of students in classes A and B. After 12 students moved from Class A to Class B, there were 40 students in Class B.

- (a) How many more students were there in Class B than A in the end?
- (b) How many students were there in Class A in the end?

Ans: (a) _____ [2]

(b) _____ [2]

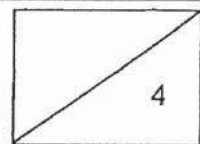


- 43 Mrs Devi took 20 minutes to sew a dress. She was paid \$9 for an hour of work.

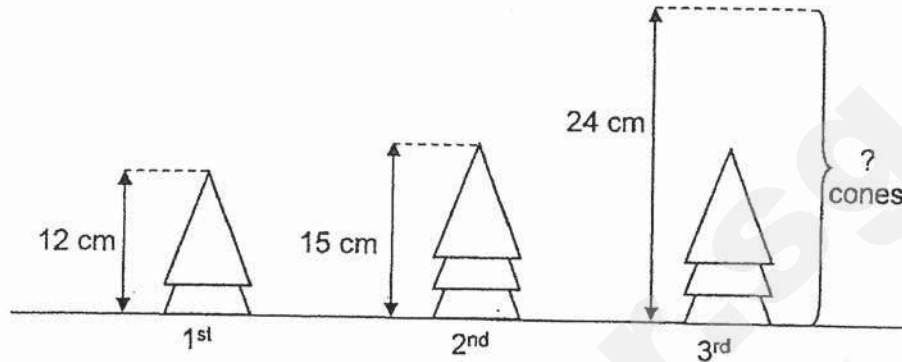
- (a) How many such dresses did she sew in 1 hour?
(b) How much did she earn for sewing 6 such dresses?

Ans: (a) _____ [2]

(b) _____ [2]



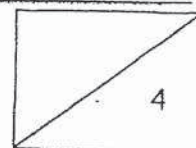
- 44 The figure below shows three stacks of identical cones. There are 2 cones in the 1st stack and 3 cones in the 2nd stack. The height of the 1st stack is 12 cm and the height of the 2nd stack is 15 cm.



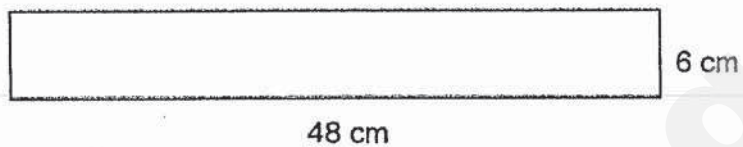
- (a) What is the difference in height between the 1st stack and the 2nd stack of cones?
- (b) Ali wants the height of the 3rd stack of cones to be 24 cm. How many cones are there in the 3rd stack?

Ans: (a) _____ [2]

(b) _____ [2]



- 45 Lynette had a piece of rectangular paper as shown below. The length of the rectangular piece of paper is 48 cm.



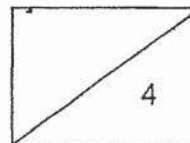
Lynette then cut the rectangular piece of paper into 8 equal squares.

- (a) What is the least number of cut she needs to make in order to get 8 equal squares?
- (b) Find the area of each square.

Ans: (a) _____ [1]

(b) _____ [3]

End of Paper
Have you checked your paper? ☺



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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : RED SWASTIKA SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

SECTION A

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

SECTION B

Q21) 3476

Q22) 2736

Q23) 996

Q24) 3

Q25) 250

Q26) 7074

Q27) 803

Q28) 1092

Q29) 324

Q30) 2m 90cm

Q31) 480ml

Q32) 180g

Q33) 100g

Q34) 3:50pm

Q35) \$45.90

Q36) B and D

Q37) 3

Q38) $\frac{1}{4}$

Q39) $\frac{1}{10}, \frac{2}{5}, \frac{1}{2}$

Q40a) T

Q40b) F

SECTION C

Q41a) $150 \times 3 = \underline{450}$

Q41b) $450 \div 7 = 64\text{R}2$

ANS: 2

Q42a) $12 + 12 = \underline{24}$

Q42b) $40 - 24 = \underline{16}$

Q43a) $60 \div 20 = \underline{3}$

Q43b) $6 \div 3 = 2$

$2 \times 9 = \underline{\$18}$

Q44a) $15 - 12 = \underline{3\text{cm}}$

Q44b)

Number of cones	Height
2	12
3	15
4	18
5	21
6	24

ANS: 6

Q45a) 7

Q45b) $48 \div 8 = 6$

$6 \times 6 = \underline{36\text{cm}^2}$

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**RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
MATHEMATICS
PRIMARY 3**

Name: _____ () Class: P3 _____

Date: 24 October 2019

Duration: 1 h 45 min

Your Score	
Section A (Out of 28 marks)	
Section B (Out of 32 marks)	
Section C (Out of 20 marks)	
Overall (Out of 80 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.

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SECTION A (28 marks)

Questions 1 to 6 carry 1 mark each.

Questions 7 to 17 carry 2 marks each.

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

Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the value of the digit 4 in 9472?

- (1) 4000
- (2) 400
- (3) 40
- (4) 4

2. Express 309 cm in m and cm.

- (1) 3 m 9 cm
- (2) 3 m 90 cm
- (3) 30 m 9 cm
- (4) 30 m 90 cm

3. Which of the following fractions does not have the same value as $\frac{1}{3}$?

- (1) $\frac{2}{6}$
- (2) $\frac{3}{12}$
- (3) $\frac{3}{9}$
- (4) $\frac{5}{15}$

4. $462 + 3576 =$ _____

(1) 3038

(2) 3114

(3) 4038

(4) 8196

5. Melanie woke up one morning and had her breakfast 30 minutes later. The clock shows the time she woke up. What time did she have her breakfast?



(1) 6.00 a.m.

(2) 6.30 a.m.

(3) 7.00 a.m.

(4) 7.30 a.m.

6. $235 \times 7 =$ _____

(1) 1615

(2) 1640

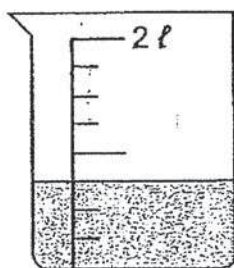
(3) 1645

(4) 1715

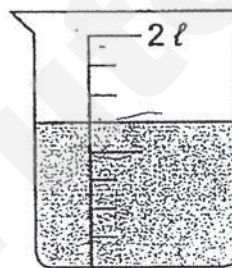
7. There were 3170 people at the zoo. There were 245 adults and the rest were children. How many children were there at the zoo?

- (1) 720
- (2) 2825
- (3) 2925
- (4) 3135

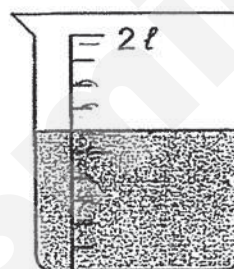
8. Which container holds 1 l 600 ml of water?



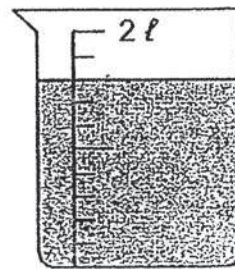
Beaker A



Beaker B



Beaker C



Beaker D

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

9. Find the value of $\frac{3}{5} - \frac{1}{2}$.
- (1) $\frac{1}{10}$
 - (2) $\frac{2}{7}$
 - (3) $\frac{1}{2}$
 - (4) $\frac{2}{3}$
10. Ben packed 636 sweets equally into 6 bags. How many sweets were there in each bag?
- (1) 16
 - (2) 106
 - (3) 642
 - (4) 3816
11. 7 players scored a total of 315 points for a competition. Each player scored the same points. How many points did each of them score?
- (1) 45
 - (2) 52
 - (3) 322
 - (4) 2205

12. Edmund cut a pizza into 12 equal slices. He ate some slices and gave 4 slices to his brother. He had $\frac{1}{6}$ of the pizza left. How many slices did Edmund eat?

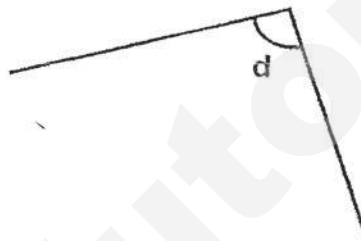
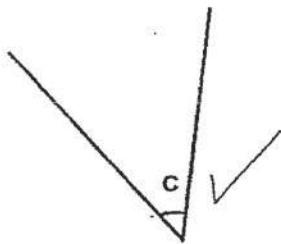
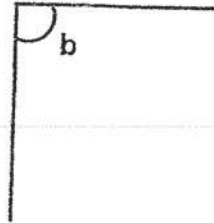
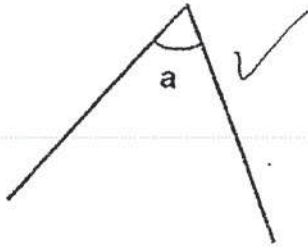
- (1) 6
- (2) 2
- (3) 8
- (4) 4

13. One afternoon, Jolin left her home at the time shown on the clock. She took 25 minutes to reach the swimming pool. She swam for 1 hour 30 minutes. What time did Jolin stop swimming?



- (1) 11.15 p.m.
- (2) 1.10 p.m.
- (3) 3.20 p.m.
- (4) 4.45 p.m.

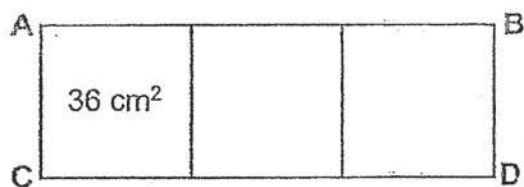
14. Which angle is smaller than a right angle?



- (1) $\angle a$ and $\angle d$
- (2) $\angle b$ and $\angle c$
- (3) $\angle a$ and $\angle c$
- (4) $\angle c$ and $\angle d$
15. A fruit seller sold 48 packets of apples and 59 packets of oranges. There are 6 fruits in each packet. How many fruits did he sell?

- (1) 107
- (2) 288
- (3) 354
- (4) 642

16. Figure ABCD is a rectangle made up of three identical squares. The area of each square is 36 cm^2 . What is the perimeter of figure ABCD?



- (1) 48 cm
 - (2) 60 cm
 - (3) 72 cm
 - (4) 108 cm
17. Gopal bought 1 bottle of milk and 1 packet of cookies. He paid with a 10-dollar note and received the change in coins. What was the least number of coins he could possibly have received?



1 bottle for \$2.30



1 packet for \$4.55

- (1) 5
- (2) 6
- (3) 8
- (4) 4

SECTION B (32 marks)

Questions 18 to 23 carry 1 mark each.

Questions 24 to 36 carry 2 marks each.

Write your answers in the spaces provided.

For questions which require units, give your answers in the units stated.

All diagrams are not drawn to scale. Marks will be awarded for relevant working.

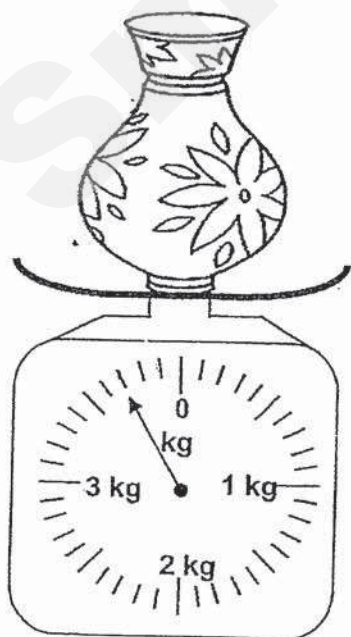
18. Write eight thousand and five in numerals.

Answer: _____

19. $179 \times 8 =$ _____

Answer: _____

20. Find the mass of the vase.



Answer: _____ kg _____

21. Express $\frac{12}{15}$ as a fraction in its simplest form.

Answer: _____

22. Express 192 minutes in hours and minutes.

Answer: _____ h _____ min

23. What is the missing number in the box?

$$\begin{array}{r} 9 \overline{) 889} \text{ R } 7 \\ \underline{9 \square} \\ 889 \end{array}$$

Answer: _____

24. Arrange the following numbers in order, beginning with the smallest.

5837

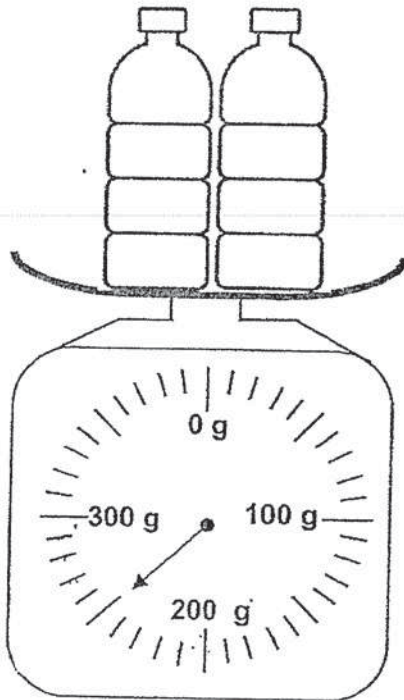
7385

7358

5378

Answer: _____ , _____ , _____ , _____
(Smallest)

25. Find the mass of 6 such bottles.



Answer: _____ g

26. There were 8000 bottles of milk produced in a factory. 3995 bottles were delivered to Shop A and 2570 bottles were delivered to Shop B. How many bottles of milk were there left?

Answer: _____

27. 5092 people visited the zoo on Friday. 1264 fewer people visited the zoo on Thursday than on Friday. How many people visited the zoo on both days?

Answer: _____

28. Keming bought 800 m of ribbon. He cut the ribbon into shorter pieces of 3 m each. What was the most number of 3-m pieces of ribbon he could get?

Answer: _____

29. A fruit seller ordered 236 boxes of peaches. Each box contained 9 peaches. After a week, he threw away 920 peaches that had turned rotten. How many peaches were left?

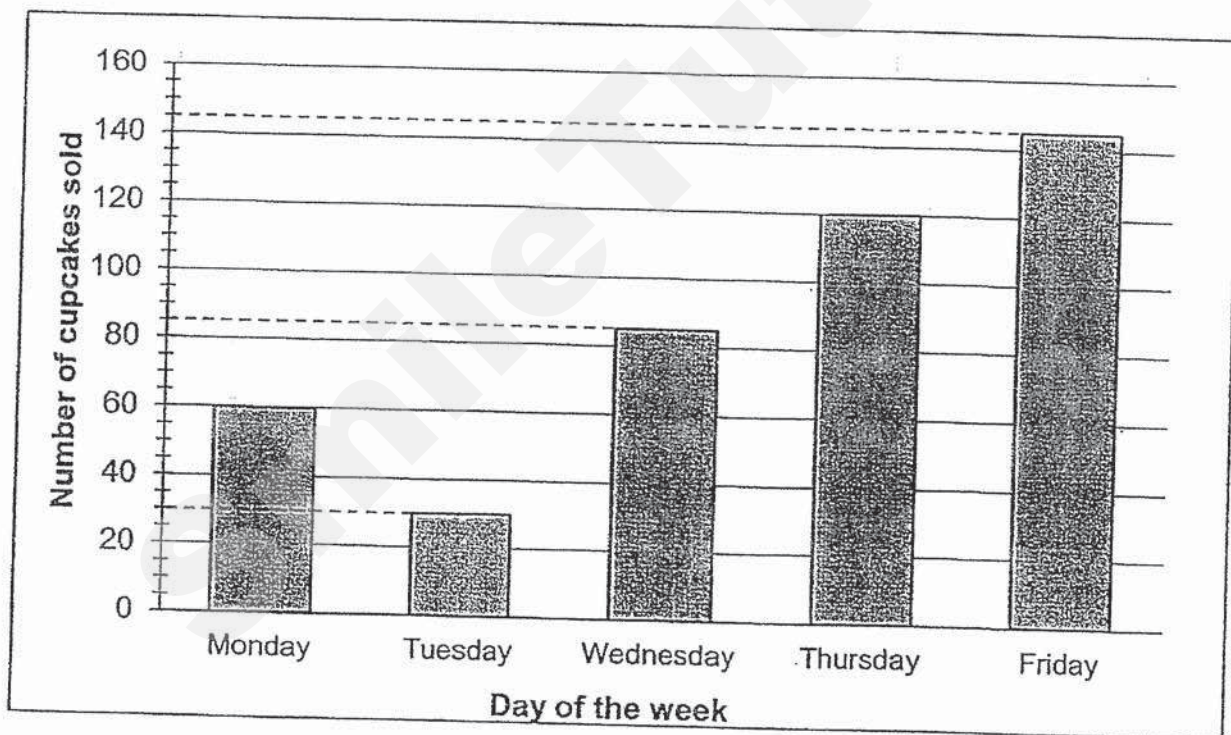
Answer: _____

30. Arrange the following fractions in order, beginning with the greatest fraction.

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

Ans: _____ , _____ , _____
(greatest)

31. The graph shows the numbers of cupcakes sold at a cake shop from Monday to Friday.



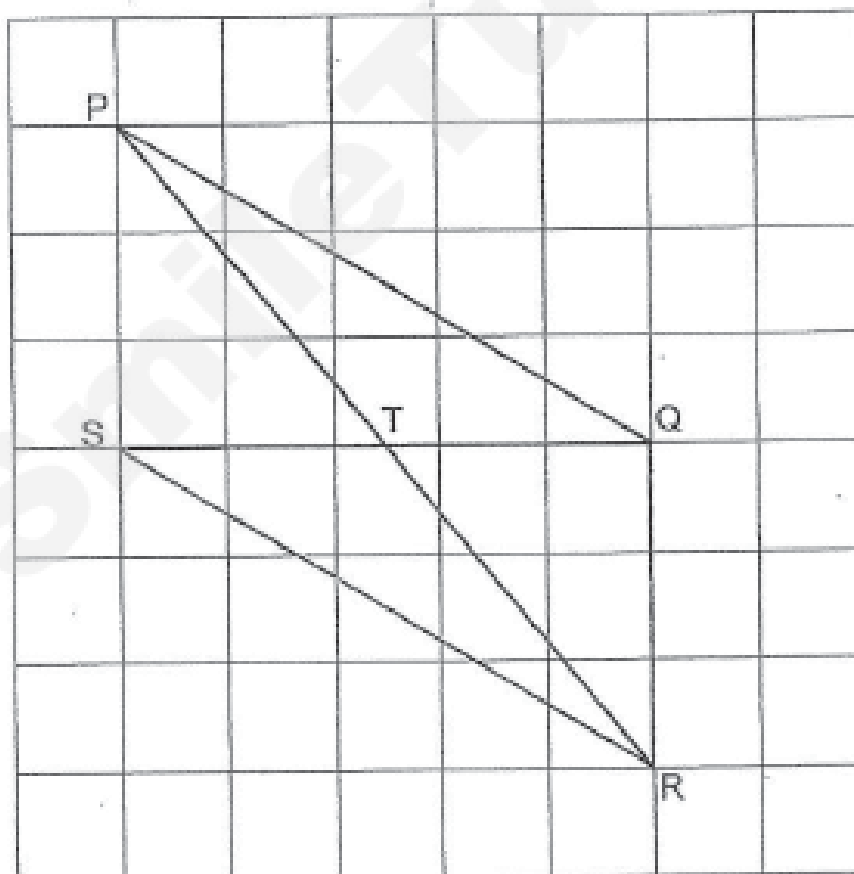
On which day was the number of cupcakes sold twice as many as on Monday?

Answer: _____

32. 8 identical beakers can fill a jug completely. 3 such beakers have a total capacity of 480 mL. What is the capacity of the jug?

Answer: _____ mL

33. Name a pair of parallel lines and a pair of perpendicular lines.



Answer: a) _____ \parallel _____

b) _____ \perp _____

34. At a shop, there were bicycles and tricycles. Helen counted 15 vehicles and 35 wheels. How many bicycles were there?



bicycle



tricycle

Answer: _____

35. Rani went to watch a movie. She arrived at the cinema at 7.15 p.m. according to her watch. Her watch was 15 min slow. The movie lasted 90 minutes. What was the actual time that the movie ended?

Answer: _____ p.m.

36. Look at the following pattern.

Figure 1



Figure 2



Figure 3



Figure 4



...

Figure ?



Which figure would have 22 dots?

Answer: Figure _____

SECTION C (20 marks)

For question 37 to 42, show your working clearly in the space provided for each question and write your answers with suitable units in the spaces provided. All diagrams are not drawn to scale. Marks will be awarded for relevant working.

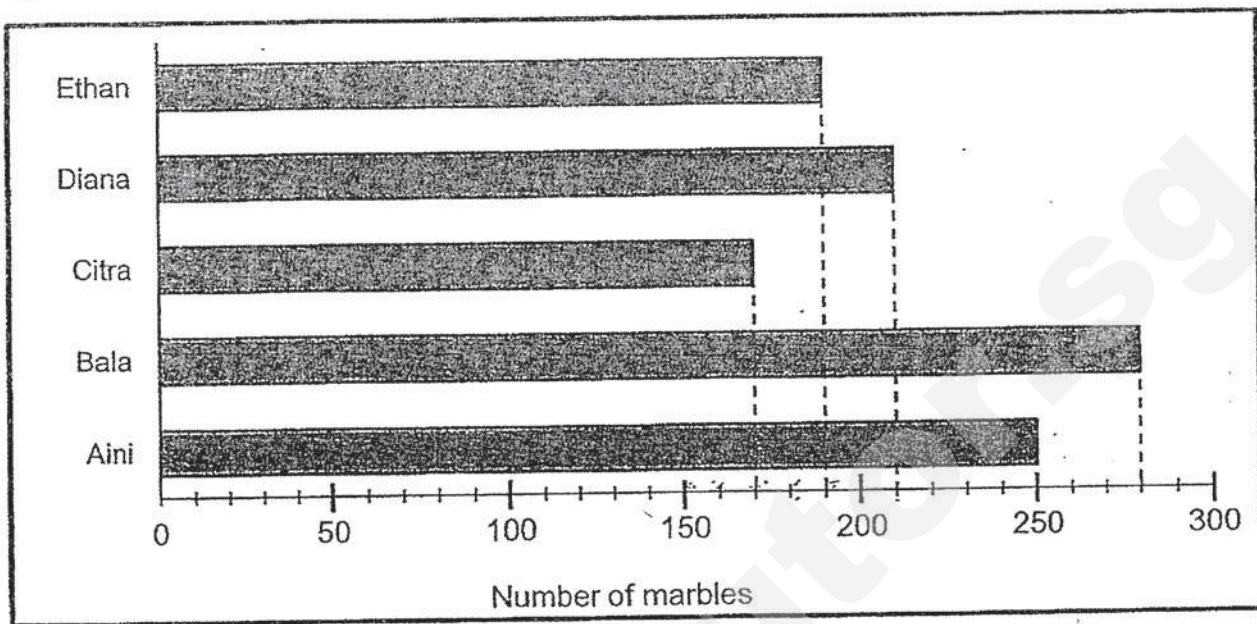
The number of marks available is shown in brackets [] at the end of each question or part-question.

37. Sally and Betty had 1072 stickers altogether. Sally had 590 stickers more than Betty.
- (a) How many stickers did Betty have?
 - (b) How many stickers did Sally have?

Answer: a) _____ [2]

b) _____ [1]

38. The graph shows the number of marbles for 5 children.



- (a) Who had the least number of marbles?
- (b) Aini gave some marbles to Ethan so that both of them had the same number of marbles in the end. How many marbles did Aini give to Ethan?

Answer: a) _____ [1]

b) _____ [2]

39. Mei Fang bought 9 packets of stamps. Each packet contained 78 stamps. She gave 156 stamps to her friend and kept the rest of the stamps for herself.

- a) How many stamps did she keep for herself?
- b) She then packed the rest of the stamps into packets of 6. How many packets of 6 stamps did she have?

Answer: a) _____ [2]

b) _____ [1]

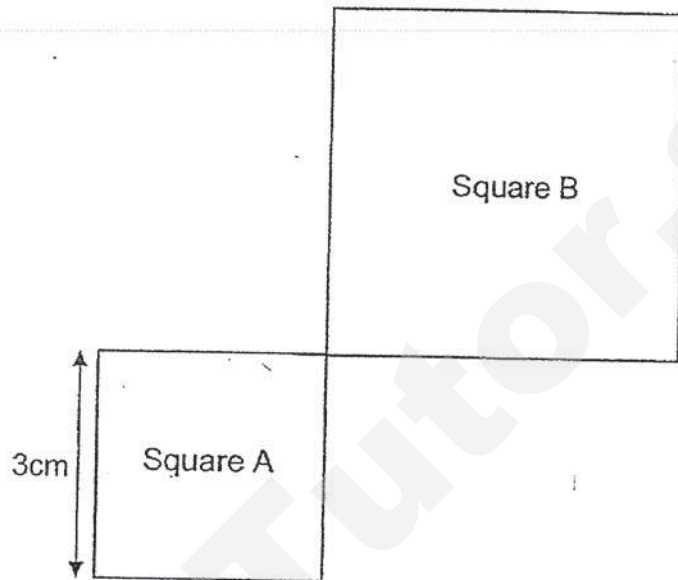
40. 2 cameras and 3 printers cost \$2650. 2 cameras and 2 printers cost \$1990.

- (a) What was the cost of 1 printer?
- (b) What was the cost of 2 cameras?

Answer: a) _____ [1]

b) _____ [2]

41. Susan has a strip of metal wire. She used it to make 2 different squares, A and B. The length of Square A is 3 cm and the area of Square B is four times the area of square A.



- (a) Find the area of Square A.
(b) Find the perimeter of Square B.

Answer: a) _____ [1]

b) _____ [3]

42. Halim baked 1560 cookies. He baked 890 more cookies than Ian. Halim and Gerry baked four times as many cookies as Ian.

- (a) How many cookies did Halim and Ian bake?
(b) How many cookies did Gerry bake?

Answer: a) _____ [2]

b) _____ [2]

☺ I have checked my answers. ☺

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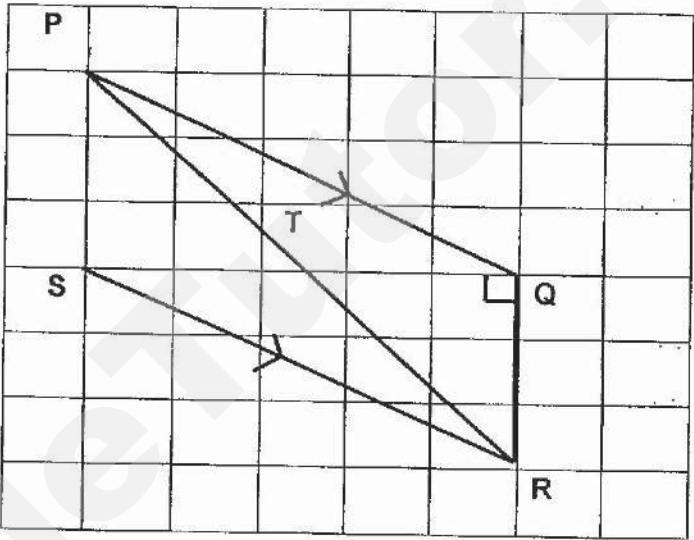
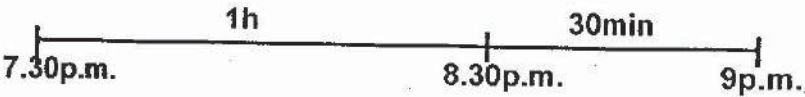
SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2019 SA2

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	2	3	3	3	3	4	1	2
Q 11	Q12	Q13	Q14	Q15	Q16	Q17			
1	1	4	3	4	1	1			

BOOKLET B

Q18)	8005
Q19)	1432
Q20)	3kg 700g
Q21)	$\frac{12}{15} \div 3 = \frac{4}{5}$
Q22)	3h 12min
Q23)	8
Q24)	5378 , 5837 , 7358 , 7385
Q25)	750g
Q26)	$3995 + 2570 = 6565$ $8000 - 6565 = 1435$
Q27)	$5092 - 1264 = 3828$ $3828 + 5092 = 8920$
Q28)	266

Q29)	$236 \times 9 = 2124$ $2124 - 920 = 1204$
Q30)	$\frac{3}{4}, \frac{1}{2}, \frac{2}{7}$
Q31)	$60 \times 2 = 120$ ANS: Thursday
Q32)	$480 \div 3 = 160$ $160 \times 8 = 1280\text{ml}$
Q33)	 <p>a) $PQ \parallel SR$ b) $SQ \parallel QR$</p>
Q34)	$15 \times 3 = 45$ $45 - 35 = 10$ $3 - 2 = 1$ $10 \div 1 = 10$
Q35)	 <p>ANS: 9.00p.m.</p>
Q36)	$7 \times 4 = 28$

	$28 - 6 = 22$ Ans : 7
Q37)	$a) 1072 - 590 = 482$ $482 \div 2 = 241 \text{ (1u)}$ $b) 241 + 590 = 831$
Q38)	$250 - 30 = 220$ $250 - 190 = 60$ $190 + 30 = 220$ $60 \div 2 = 30$ a) Citra b) 30
Q39)	$a) 78 \times 9 = 702$ $702 - 156 = 546$ $b) 546 \div 6 = 91$
Q40)	$a) 2c + 3p = 2650$ $2c + 2p = 1990$ $P = \$660$ $b) 660 \times 2 = 1320$ $1990 - 1320 = \$670$
Q41)	$3 \times 3 = 9$ $9 \times 4 = 36$ $6 \times 6 = 36$ $6 \times 4 = 24$ a) 9cm^2 b) 24cm
Q42)	$a) 1560 - 890 = 670$ $670 + 1560 = 2230$ $b) 2680 - 1560 = 1120$

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RIVER VALLEY PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2019
MATHEMATICS
PRIMARY THREE

Name : _____ ()

Class : Primary 3 ()

Date : 25 October 2019

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET A

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.
- **REMEMBER TO SHADE THE CORRECT OVAL ON THE OAS.**

Section A : MCQ (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In 1049, the digit _____ is in the hundreds place.

(1) 1

(2) 0

(3) 9

(4) 4

2. $8254 = \boxed{} + 200 + 50 + 4$

What is the missing number in the box above?

(1) 8

(2) 80

(3) 800

(4) 8000

3. 5×7 is the same as _____.

(1) $5 \times 5 \times 5 \times 5 \times 5$

(2) $5 + 5 + 5 + 5 + 5$

(3) $7 + 7 + 7 + 7 + 7$

(4) $7 \times 7 \times 7 \times 7 \times 7$

4. When a number is divided by 9, it gives a quotient of 20 and a remainder of 2.
What is the number?

(1) 198

(2) 182

(3) 180

(4) 178

5. Which of the following is an equivalent fraction of $\frac{3}{4}$?

(1) $\frac{4}{5}$

(2) $\frac{6}{8}$

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

(4) $\frac{7}{16}$

6. Ian is thinking of a 4-digit number. Using the clues below, what is the 4-digit number that he is thinking about?

- The digit in the hundreds place is an even number.
- The sum of the digits in the tens place and thousands place is 9.

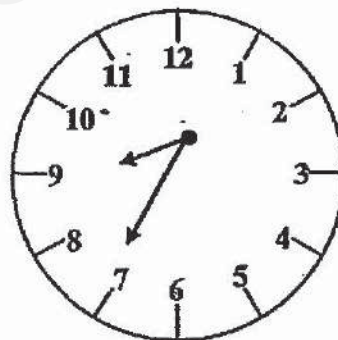
(1) 1270

(2) 2173

(3) 3864

(4) 4365

7. Alina baked 901 cookies.
She baked 126 cookies fewer than Bernice
How many cookies did Bernice bake?
- (1) 1928 (2) 1676
(3) 1027 (4) 775
8. In an inter-class competition, Class X scored 4 times as many points as Class Y. Class X and Class Y scored a total of 120 points. How many points did Class Y score?
- (1) 24 (2) 30
(3) 90 (4) 96
9. Joash finished his violin lesson at the time shown below according to his watch. His watch was 20 minutes fast.



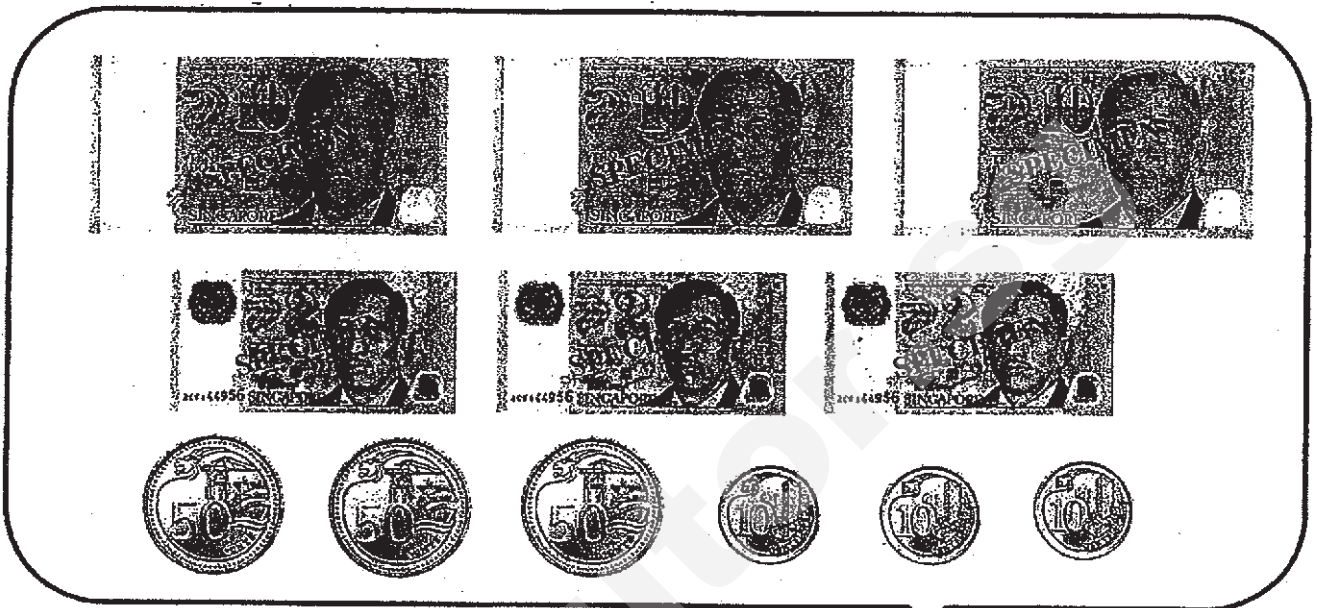
Joash's watch

What was the actual time he finished his violin lesson?

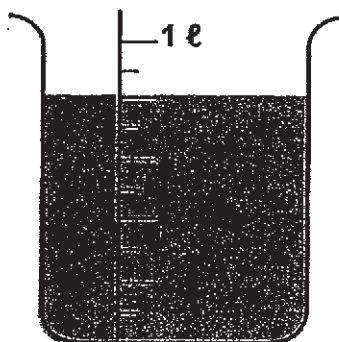
- (1) 7.25 p.m. (2) 7.55 p.m.
(3) 8.15 p.m. (4) 8.55 p.m.

10. After Darren bought a bowl of noodles which cost \$2.50, he had the amount of money left in his wallet as shown below.

How much money did he have at first?

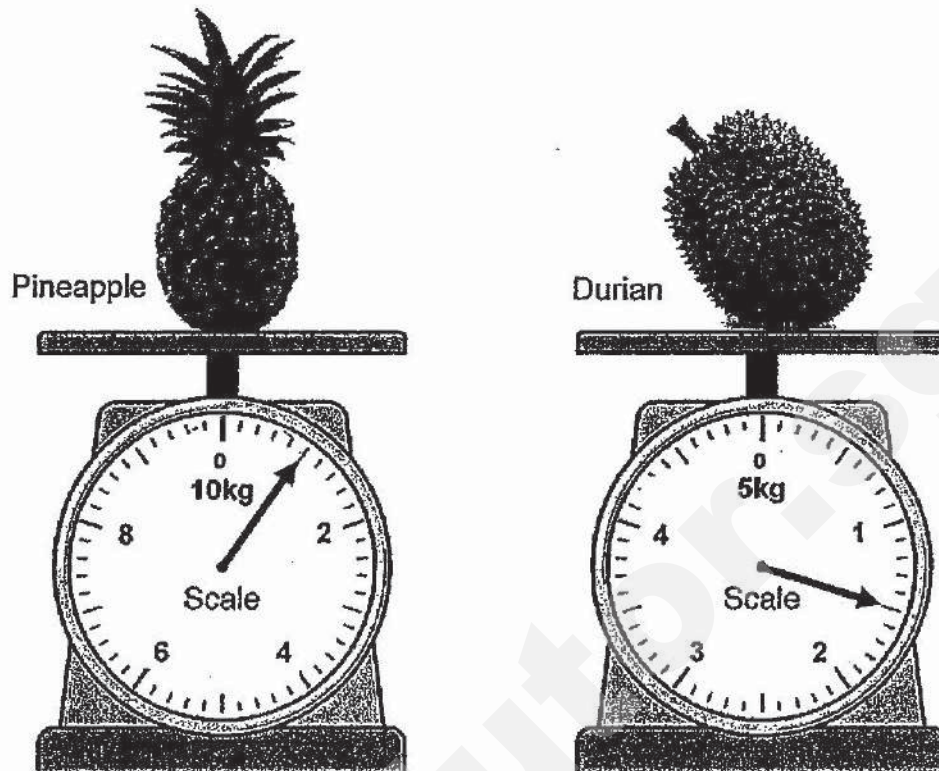


- (1) \$40.30 (2) \$37.80
(3) \$36.90 (4) \$35.30
11. The picture below shows a beaker with some syrup. Mrs Lim poured all the syrup equally into 5 small cups. How much syrup was there in each small cup?



- (1) 160 ml (2) 40 ml
(3) 16 ml (4) 4 ml

12. The weighing scales show the mass of a pineapple and a durian.



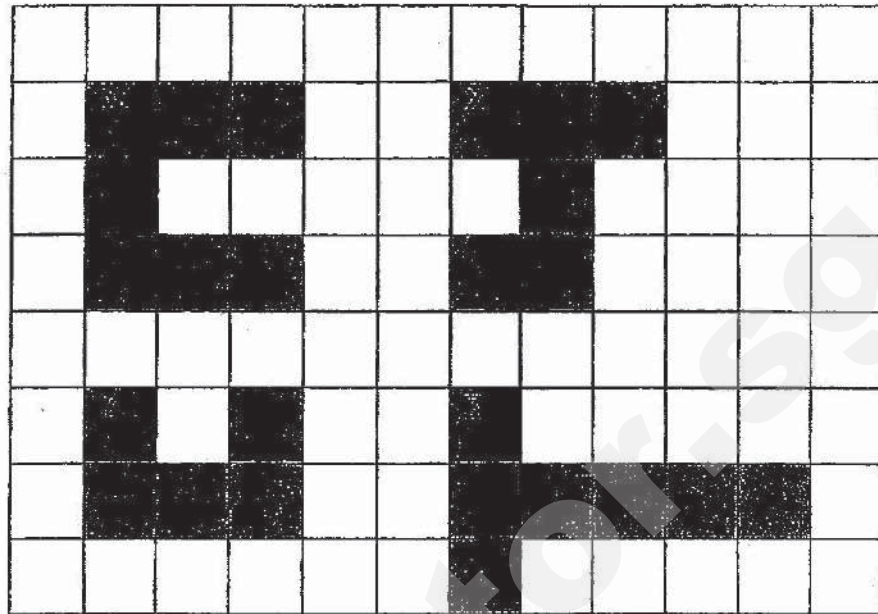
How much heavier is the durian than the pineapple?

- (1) 2500 g (2) 2000 g
(3) 1000 g (4) 500 g
13. How many obtuse angles are there inside the figure below?



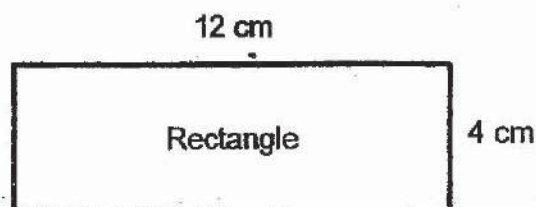
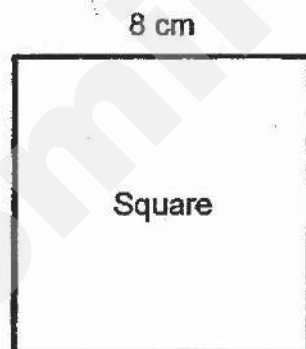
- (1) 6 (2) 2
(3) 3 (4) 4

14. Which of the following figures has the smallest perimeter?



- (1) W (2) X
(3) Y (4) Z

15. Find the sum of the area of the square and rectangle shown below.



- (1) 48 cm^2 (2) 64 cm^2
(3) 68 cm^2 (4) 112 cm^2

- End of Booklet A -

RIVER VALLEY PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2019
MATHEMATICS
PRIMARY THREE

Name : _____ ()

Class : Primary 3 ()

Date : 25 October 2019

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET B

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.

SUMMARY OF MARKS :

	Section	Questions	Marks Awarded	Maximum Marks
A	Multiple Choice Questions	1 – 15		25
B	Short Answer Questions	16 – 35		40
C	Long Answer Questions	36 – 40		15
Total				80

Section B : SAQ (40 marks)

Questions 16 to 35 carry 2 marks each. For each question, write the correct answer in the space provided. Show your working clearly as marks may be awarded.

16. Write eight thousand and fifteen in numeral.

Ans : _____

17. Arrange the following numbers in order, beginning with the greatest.

2645

4023

2610

4540

Ans : _____, _____, _____, _____

18. $407 + 9039 =$ _____

Ans : _____

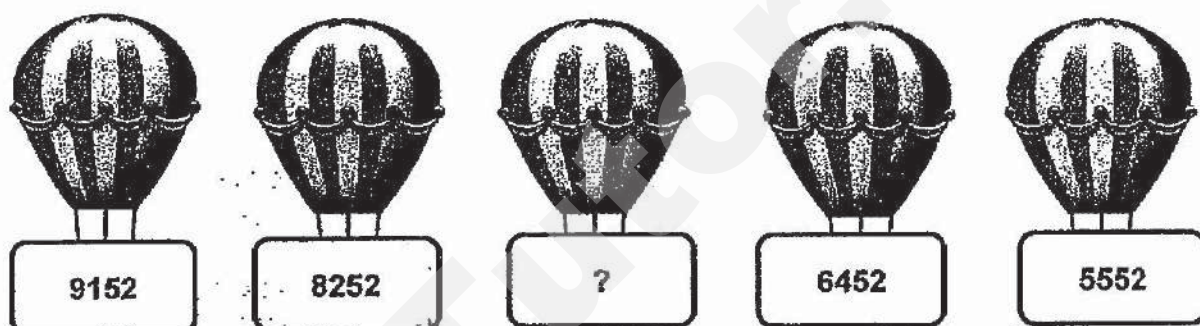
19. Subtract 777 from 2900.

Ans : _____

20. $907 \div 8 =$ _____.

Ans : _____

21. Look at the number pattern below. What is the missing number?



Ans : _____

22. Answer the following questions.

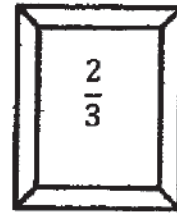
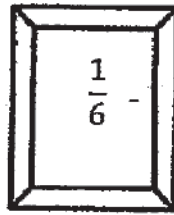
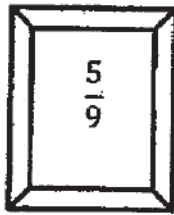
(a) 402 cm is the same as _____ m _____ cm.

(b) 3 kg 24 g is the same as _____ g.

Ans : (a) _____ m _____ cm

(b) _____ g

23. Arrange the fractions in order, beginning with the smallest.



Ans: _____

24. Add $\frac{1}{4}$ to $\frac{5}{12}$. Express your answer in its simplest form.

Ans : _____

25. $\frac{7}{10} - \frac{1}{5} =$ _____

Express your answer in its simplest form.

Ans : _____

26. Miss Ang bought 9 packets of lollipops.
There were 56 lollipops in each packet.
How many lollipops did Miss Ang buy altogether?

Ans : _____

27. Devi had some stamps at first. She collected another 82 stamps and gave away 63 stamps. She had 290 stamps in the end. How many stamps did she have at first?

Ans : _____

28. Luke Bakery baked 152 scones. The scones were packed in boxes. Each box contained 6 scones. What is the **smallest** number of boxes needed to contain **all** the scones?

Ans : _____

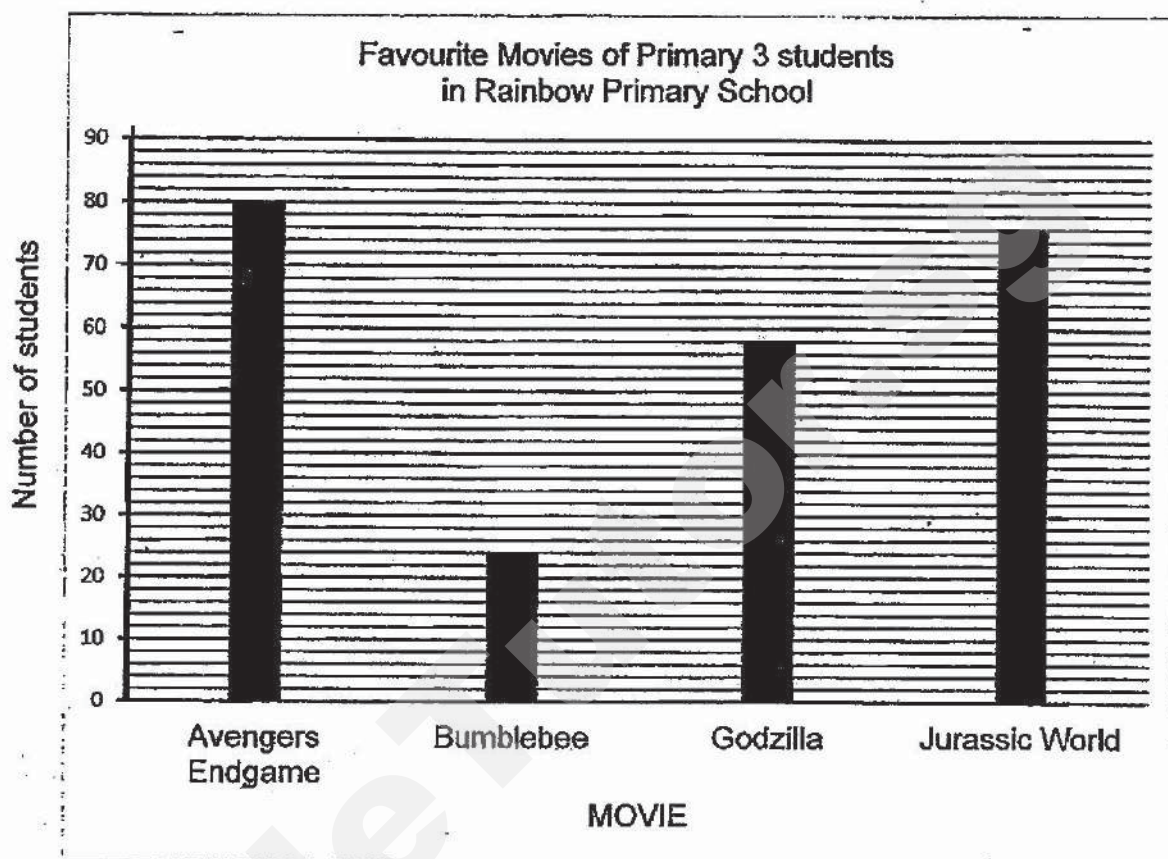
29. Abigail cycled 1400 m from her house to the shopping mall. She cycled 3200 m from the shopping mall to her workplace. How much farther is the shopping mall from her workplace than from her house? Write your answer in kilometres and metres.

Ans : _____ km _____ m

30. Larry started working on his Learning Fiesta project at 1.20 p.m. He completed it at 4.05 p.m. on the same day. How long did he take to complete his Learning Fiesta project? Write your answer in hours and minutes.

Ans : _____ h _____ min

The bar graph below shows the favourite movies of Primary 3 students in Rainbow Primary School. Each student can only choose 1 movie.
Study the graph carefully and answer questions 31 and 32.



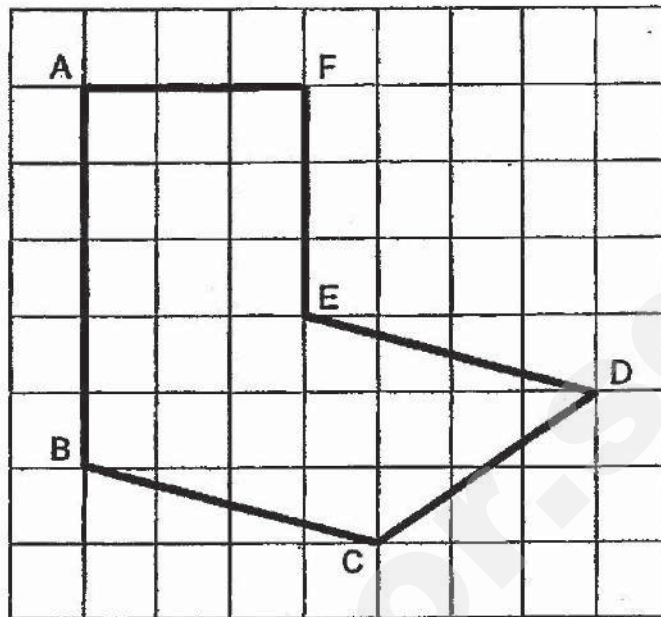
31. How many Primary 3 students are there in Rainbow Primary School altogether?

Ans :: _____

32. How many more students like Avengers Endgame than Godzilla?

Ans : _____

33. The figure below is drawn on a square grid.



(a) Name a pair of perpendicular lines in the figure above.

(b) Name a pair of parallel lines in the figure above.

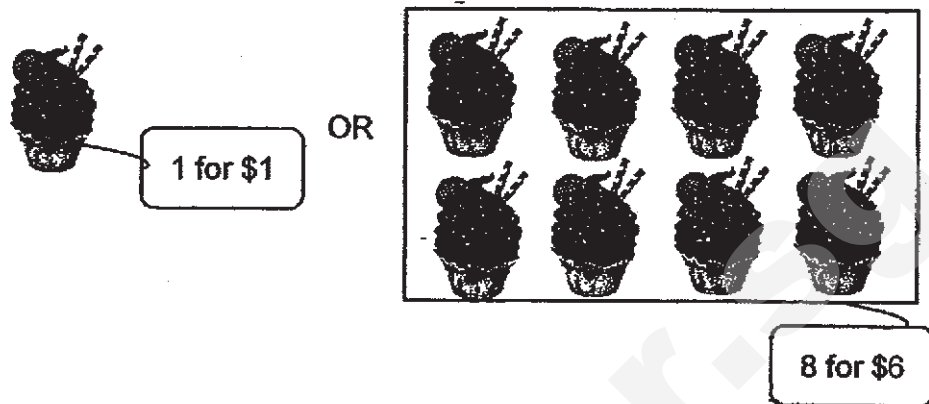
Ans : (a) _____ and _____

(b) _____ and _____

34. Starley had \$42 at first. Her father gave her \$6.20.
After that, she bought a bag which cost \$24.90.
How much money did she have in the end?

Ans : \$ _____

35. Nadhirah had \$24. She wanted to buy some cupcakes.
The cupcakes are sold in boxes of 8 for \$6 or 1 cupcake for \$1.
What was the most number of cupcakes she could buy using all her money?



Ans : _____

Section C : LAQ (15 marks)

Questions 36 to 40 carry 3 marks each. Solve the problems carefully.
All working must be clearly shown as marks may be awarded.

36. Alan collected 925 Pokemon cards. Derrick collected 1205 Pokemon cards. Derrick gave Alan some Pokemon cards so that they had an equal number of Pokemon cards in the end. How many Pokemon cards did Derrick give to Alan?

Ans: _____(3m)

37. Miss Gan bought some candies for all her 39 students. After she packed the candies equally into red packets such that each student received a red packet, she had 7 candies left. Each red packet contained 8 candies. How many candies did Miss Gan buy?

Ans : _____(3m)

38. Abby had 6 times as many beads as Beatrice. Claricia had 74 beads more than Beatrice. Abby and Beatrice had 616 beads altogether.
How many beads did Claricia have?

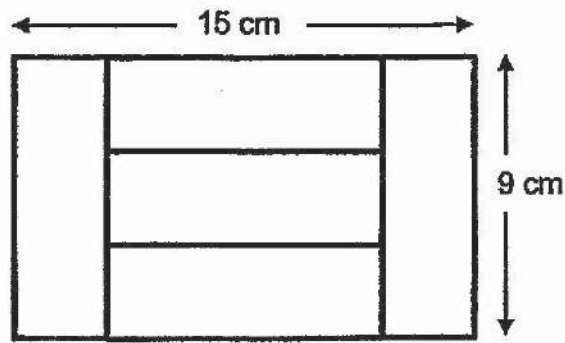
Ans : _____ (3m)

39. Mr Mok took 3 h 21 min to travel from Singapore to Malacca.
Mr Tan took 3 h 59 min to travel from Singapore to Malacca.
(a) Mr Mok left Singapore at 2.05 p.m. What time did he arrive at Malacca?
(b) How much longer did Mr Tan take than Mr Mok to reach Malacca from Singapore?

Ans : (a) _____ (1m)

(b) _____ (2m)

40. Rectangle X is made up of 5 Rectangles Y as shown below.



Rectangle X



Rectangle Y

What is the area of Rectangle Y?

Ans : _____(3m)

- End of Booklet B -

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SCHOOL : RIVER VALLEY PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA2

BOOKLET A

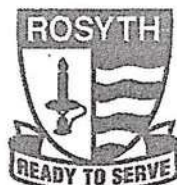
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	3	2	2	3	3	1	3	1
Q11	Q12	Q13	Q14	Q15					
1	4	4	3	4					

BOOKLET B

Q16)	8015
Q17)	4540 , 4023 , 2645 , 2610
Q18)	$407 + 9039 = 9446$
Q19)	$2900 - 777 = 2123$
Q20)	$907 \div 8 = 113 \text{ R}3$
Q21)	$9152 - 8252 = 900$ $8252 - 900 = 7352$
Q22)	a) 402 cm is the same as 4m 2cm b) 3kg 24g is the same as 3024g
Q23)	$\frac{1}{6}, \frac{5}{9}, \frac{2}{3}$
Q24)	$\frac{1 \times 3}{4 \times 3} + \frac{5}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}$
Q25)	$\frac{5 \div 5}{10 \div 5} = \frac{1}{2}$
Q26)	$56 \times 9 = 404$
Q27)	$290 - 82 = 208$

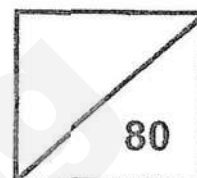
	$208 + 63 = 271$
Q28)	26
Q29)	$3200 - 1400 = 1800\text{m} \rightarrow 1\text{km}800\text{m}$
Q30)	<div style="text-align: center;"> $\begin{array}{ccccccc} & & 2\text{h} & & 20\text{ min} & & 20\text{min} & & 5\text{min} \\ & & & & & & & & \\ 1.20\text{p.m} & & 3.20\text{p.m} & & 3.40\text{p.m} & & 4.00\text{p.m} & & 4.05\text{p.m} \end{array}$ </div> <p>Ans : 2.45min</p>
Q31)	$80 + 24 + 58 + 76 = 238$
Q32)	$80 - 58 = 22$
Q33)	<p>a)AF and FE</p> <p>b)AB and FE</p>
Q34)	$\$42 + \$6.20 = \$48.20$ $\$48.20 - \$24.90 = \$23.30$
Q35)	$\$24 \div 6 = \4 $8 \times 4 = 32$
Q36)	$1205 - 925 = 280$ $280 \div 2 = 140$
Q37)	$39 \times 8 = 312$ $312 + 7 = 319$
Q38)	$616 \div 7 = 88$ $88 + 74 = 162$
Q39)	<p>a)5.26p.m</p> <div style="text-align: center;"> $\begin{array}{ccccccc} & & 3\text{h} & & 10\text{min} & & 1\text{min} & & 10\text{min} \\ & & & & & & & & \\ 2.05\text{p.m} & & 5.05\text{p.m} & & 5.15\text{p.m} & & 5.16\text{p.m} & & 5.26\text{p.m} \end{array}$ </div> <p>b)$59 - 21 = 38\text{min}$</p>
Q40)	$15 - 9 = 6 \div 2 = 3$ $9 \times 3 = 27$

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Rosyth School
End-of-Year Examination 2019
Mathematics
Primary 3

Total



Name: _____

Class: Pr 3 - _____ Register No. _____

Duration: 1 h 45 min

Date: 31 October 2019

Parent's Signature: _____

Instructions to Pupils:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. For questions 1 to 15 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum Marks	Marks Obtained
Section A	25	
Section B	35	
Section C	20	
Total	80	

* This paper consists of 20 printed pages altogether (including the cover page).

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Section A

Questions 1 to 5 carry 1 mark each and Questions 6 to 15 carry 2 marks each. For questions 1 to 15, 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.

(25 marks)

1. In 7438, the digit 7 is in the _____ place.

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

2. 6 hundreds and 3 tens is _____.

- (1) 603
- (2) 630
- (3) 6003
- (4) 6030

3. Find the product of 6 and 8.

- (1) 14
- (2) 2
- (3) 42
- (4) 48

4. 6 km 8 m is the same as _____ m.

- (1) 68
- (2) 608
- (3) 6008
- (4) 6800

5. What is the time shown on the clock?



- (1) 15 minutes to 9
- (2) 15 minutes past 9
- (3) 15 minutes to 10
- (4) 15 minutes past 10

6. Complete the number pattern.

7943 , 7923 , 7903 , ? , 7863

- (1) 7843
- (2) 7883
- (3) 7923
- (4) 7983

7. Jayrus collected 1140 game cards.
He collected 250 more game cards than Brayden.
How many game cards does Brayden have?

- (1) 890
- (2) 910
- (3) 990
- (4) 1390

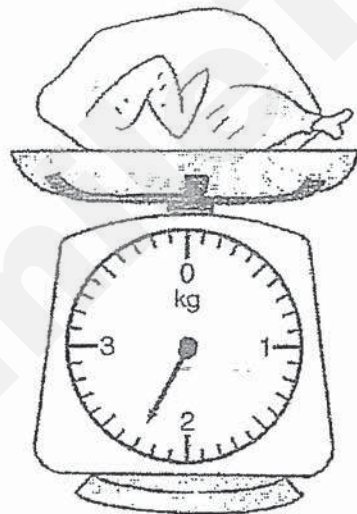
8. What is the quotient when 535 is divided by 5?

- (1) 17
- (2) 107
- (3) 137
- (4) 170

9. What is the value of 108×7 ?

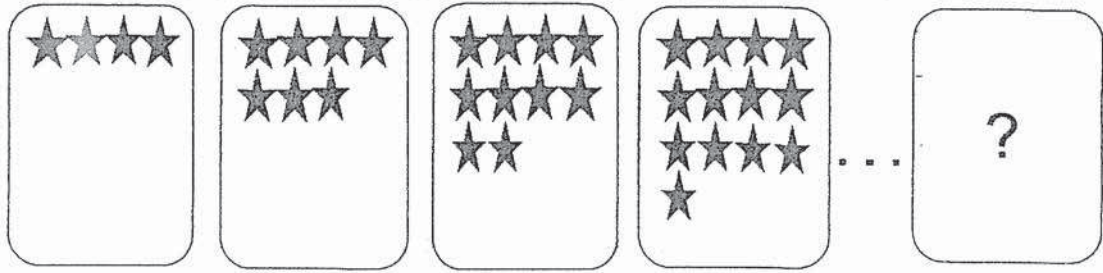
- (1) 115
- (2) 156
- (3) 715
- (4) 756

10. Find the mass of the chicken.



- (1) 203 g
- (2) 230 g
- (3) 2030 g
- (4) 2300 g

11. Study the pattern below carefully.



Pattern 1

Pattern 2

Pattern 3

Pattern 4

...

Pattern 7

How many stars are there in Pattern 7?

- (1) 14
- (2) 16
- (3) 22
- (4) 28

12. Find the difference between the values of the digit 2 in 2043 and 4320.

- (1) 1800
- (2) 1980
- (3) 2277
- (4) 4020

13. The total cost of a handbag and a wallet is \$960.

The handbag costs 3 times as much as the wallet.

Find the cost of the handbag.

- (1) \$240
- (2) \$320
- (3) \$630
- (4) \$720

14. Which is the greatest fraction?

(1) $\frac{1}{2}$

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

(3) $\frac{5}{6}$

(4) $\frac{7}{12}$

15. $\frac{1}{5} + \frac{3}{10} = \underline{\hspace{2cm}}$

(1) $\frac{1}{2}$

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

(3) $\frac{4}{10}$

(4) $\frac{4}{15}$

Section B

Questions 16 to 20 carry 1 mark each and Questions 21 to 35 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.

(35 marks)

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

Do not
write in
this space

16. Write 4 thousands, 2 tens and 7 ones in numerals.

Ans: _____

17. What number is 480 less than 8040?

Ans: _____

18. Find the missing numerator.

$$\frac{3}{4} = \frac{?}{12}$$

Ans: _____

19. Find the volume of water in the cylinder below.



Ans: _____ ml

Do not
write in
this space

20. Express 1850¢ in dollars and cents.

Ans: \$ _____

21. Find the missing digit A.

$$\begin{array}{r} 6 \quad \boxed{A} \quad 0 \\ - 3 \quad 1 \quad 9 \\ \hline 3 \quad 2 \quad 1 \end{array}$$

Ans: _____

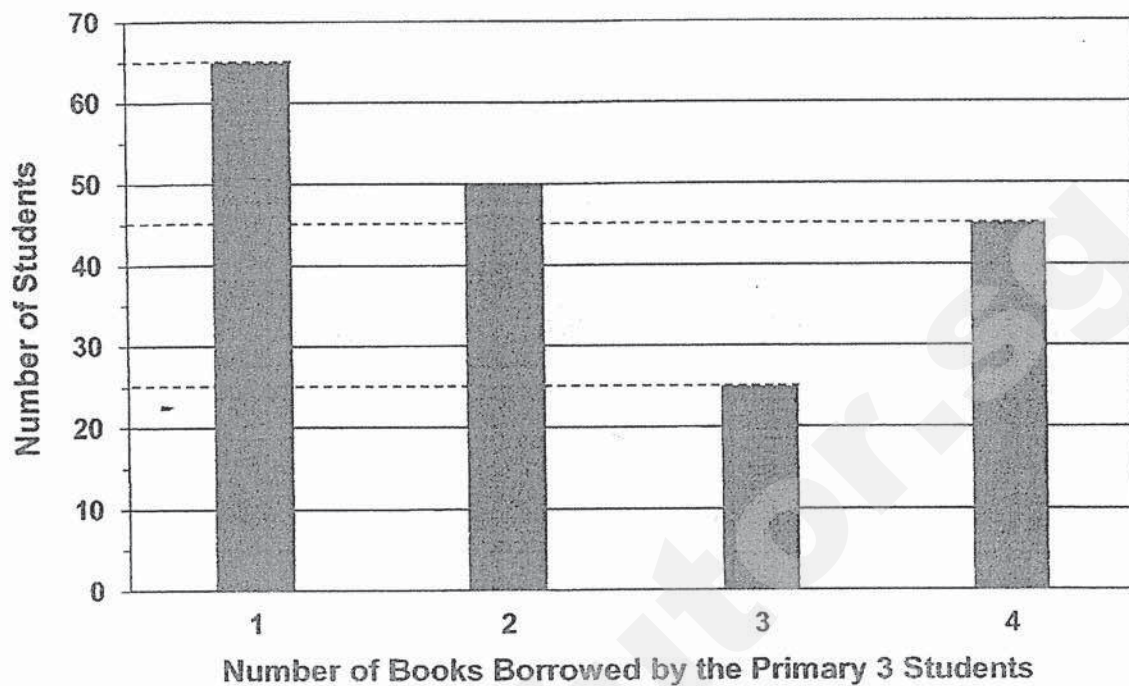
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write in
this space

22. 1046 girls and 1375 boys took part in a competition.
How many children took part in the competition?

Ans: _____

The graph below shows the number of books borrowed by the Primary 3 students from Gardens Primary School. Use the graph to answer Questions 23 and 24.

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write in
this space



23. How many students borrowed more than 2 books?

Ans: _____

24. There are 200 Primary 3 students in the school. How many Primary 3 students did not borrow any books?

Ans: _____

25. Carol started doing her homework at 7.50 p.m. She finished it at 9.05 p.m.
How long did she take to complete her homework?

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write in
this space

Ans: _____ min

26. Mr Tan watched a movie for 1 h 30 min in the afternoon.
When the movie ended, he saw the time on the clock as shown below.
What time did the movie start?

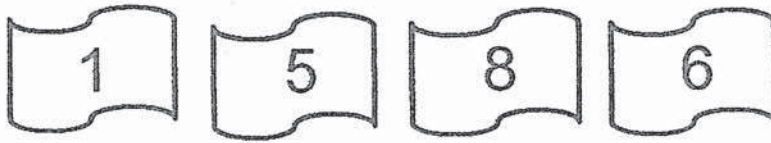


Ans: _____ p.m.

27. The difference between 2 numbers is 54.
If the smaller number is 18, what is the greater number?

Ans: _____

28. Form the smallest 4-digit odd number using the following digits.
You are not allowed to use each digit more than once.



Do not
write in
this space

Ans: _____

29. There were 18 girls and 19 boys in a class.
Each of them made 3 paper masks.
How many paper masks did they make altogether?

Ans: _____

30. A fruit seller had 8 boxes of oranges. There were 24 oranges in each box.
He repacked all the oranges into bags of 6. How many bags would he have?

Ans: _____

31. Arrange the following fractions in order. Begin with the smallest.

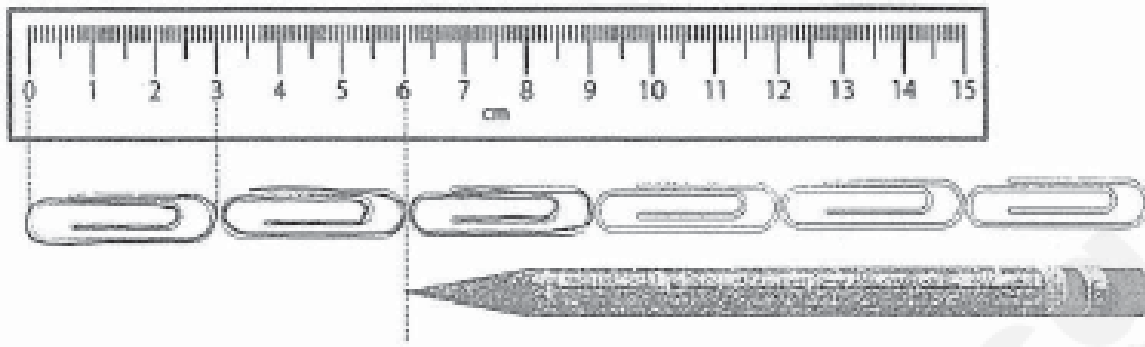
$$\frac{1}{2}, \quad \frac{5}{6}, \quad \frac{5}{12}$$

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Answer: _____
smallest

32. Study the diagram below.

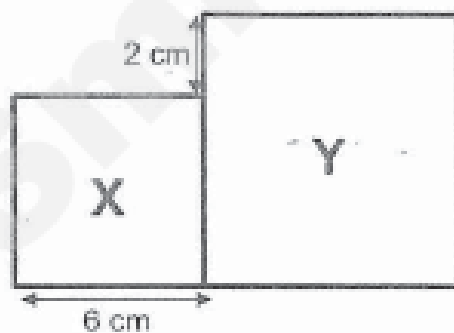
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write in
this space



Find the length of the pencil.

Ans: _____ cm

33. The diagram below shows Square X and Square Y. Find the area of Square Y.

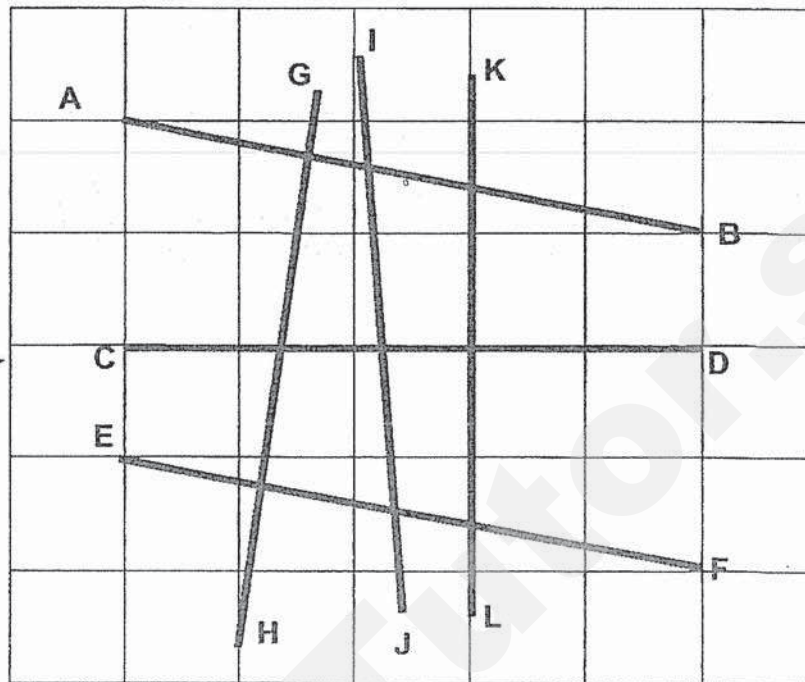


Ans: _____ cm^2

34. Study the figure below.

a) Name a line parallel to AB.

b) Name a line perpendicular to CD.



Ans: (a) Line _____

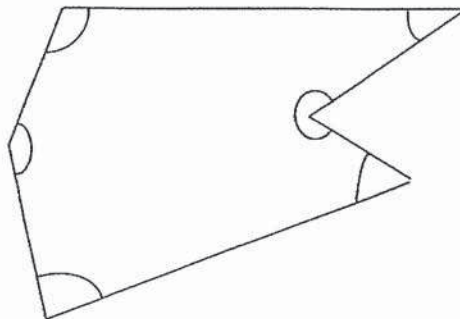
(b) Line _____

Do not
write in
this space

35. David drew the shape below.

The shape has 6 angles.

How many of these angles are greater than a right angle?



Ans: _____

Section C

For Questions 36 to 40, each question carries 4 marks. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not
write in
this space

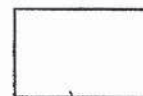
All diagrams in this paper are not drawn to scale unless stated otherwise.

(20 marks)

36. The total mass of a basket and 3 similar balls is 2090 g.
The total mass of the same basket and 1 similar ball is 1150 g.
Find the mass of 1 ball.



Ans: _____ [4]



37. A pencil cost \$1.55.

A notebook cost \$0.85 more than the pencil.

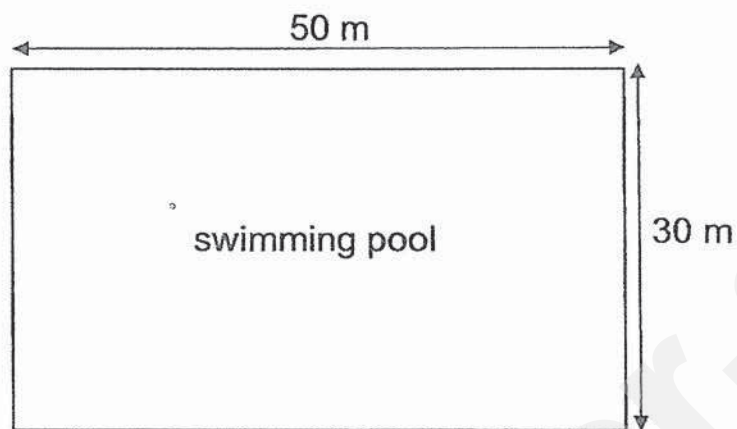
Sam bought a notebook and gave the cashier a \$5 note.

How much change did he receive?

Do not
write in
this space

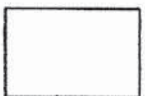
Ans: _____ [4]

38. A swimming pool is 50 m long and 30 m wide.
John walked 2 times around the swimming pool.
Find the distance he walked.



Do not
write in
this space

Ans: _____ [4]



39. Jude had 468 stickers and Nathan had 348 stickers.

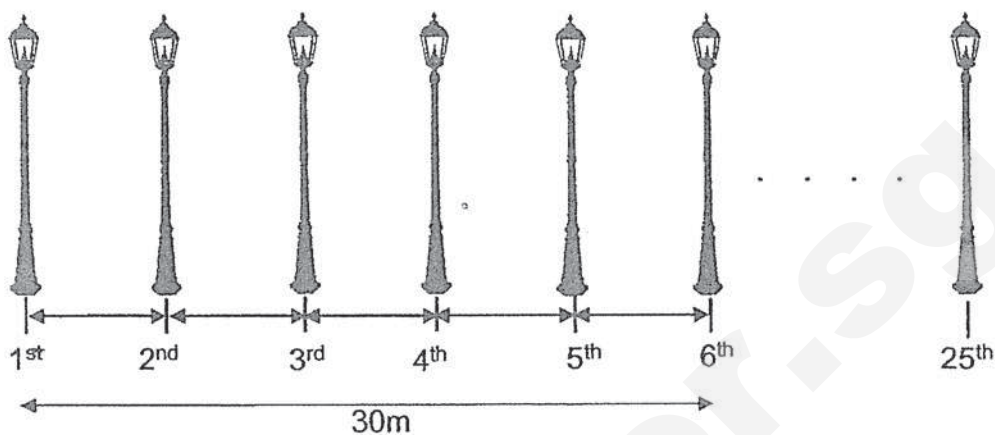
How many stickers must Jude give to Nathan so that each of them has an equal number of stickers?

Do not
write in
this space

Ans: _____ [4]

40. Lamp posts are built along the road at an equal distance away from one another in a straight line. The distance between the 1st lamp post and 6th lamp post is 30 m. What is the distance from the 1st lamp post to the 25th lamp post?

Do not write in this space



Ans: _____ [4]

End of Paper

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ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHEMATICS
TERM : EOY

SECTION A

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

SECTION B

Q16 4027

Q17 7560

Q18 9

Q19 250ml

Q20 \$18.50

Q21 4

Q22 2421

Q23 70

Q24 15

Q25 1h 15min

Q26 12.20p.m.

Q27 72

Q28 1685

Q29 111

Q30 32

Q31 $\frac{5'1'5}{12'2'6}$

Q32 12cm

Q33 64cm^2

Q34 (a) Line EF

(b) Line KL

Q35 3/

Q36 470g

Q37 \$2.60

Q38 320m

Q39 60

Q40 144m

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SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2019

PRIMARY 3
MATHEMATICS
BOOKLET A

Name : _____ ()

18 October 2019

Class : Primary 3 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 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

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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 6082, the digit 0 is in the _____ place.

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

2. $7801 = 7000 + \underline{\hspace{2cm}} + 1$

- (1) 8000
- (2) 800
- (3) 80
- (4) 8

3. $3 \text{ kg } 60 \text{ g} = \underline{\hspace{2cm}} \text{ g}$

- (1) 306
- (2) 360
- (3) 3060
- (4) 3600

4. $4 \square 8 = 32$

- (1) +
- (2) -
- (3) \div
- (4) \times

5. What is the missing numerator?

$$\frac{3}{4} = \frac{\square}{16}$$

- (1) 15
- (2) 12
- (3) 7
- (4) 4

6. What time is 40 minutes before 12.15 p.m.?

- (1) 11.35 a.m.
- (2) 11.35 p.m.
- (3) 12.55 a.m.
- (4) 12.55 p.m.

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

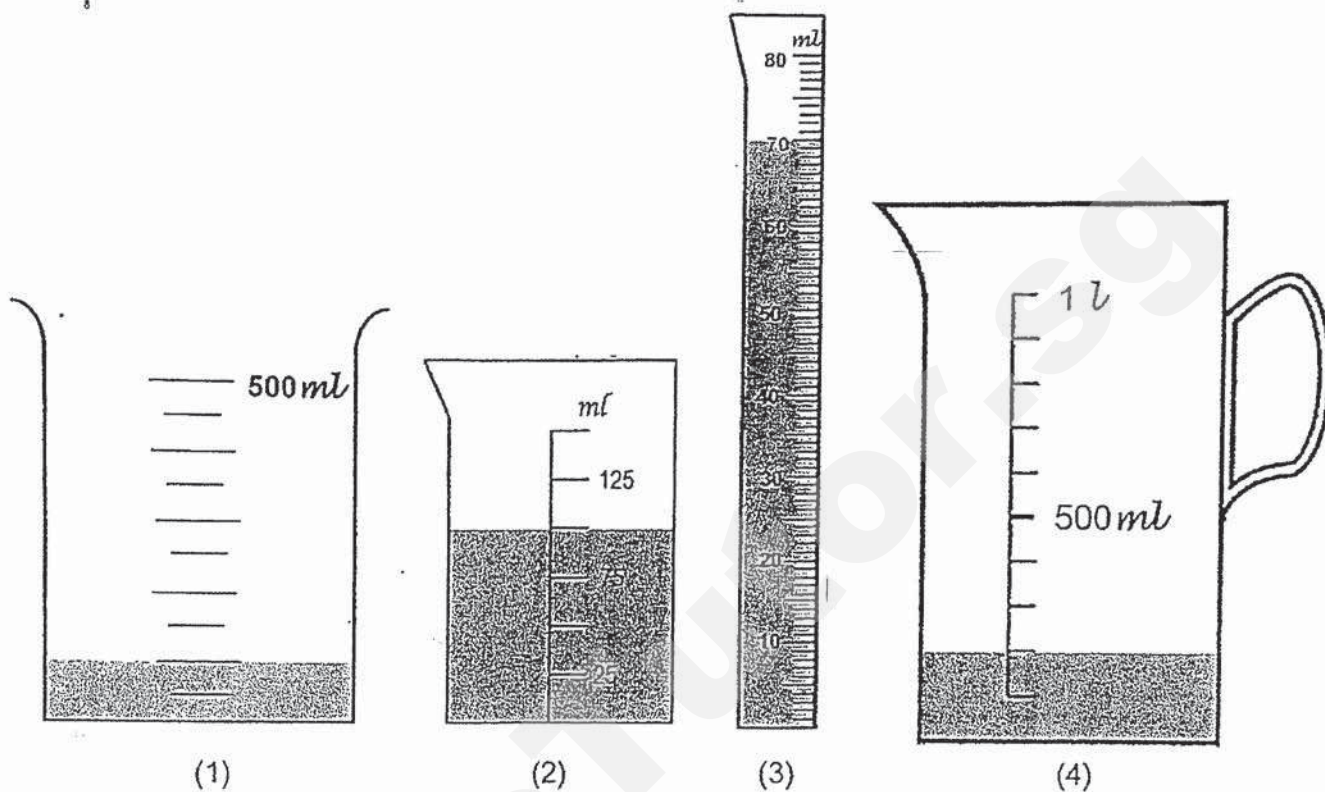
6190, 6130, 6070, _____, 5950, 5890

- (1) 5830
- (2) 5900
- (3) 6010
- (4) 6030

8. Express $\frac{8}{12}$ in its simplest form.

- (1) $\frac{1}{4}$
- (2) $\frac{2}{3}$
- (3) $\frac{4}{6}$
- (4) $\frac{16}{24}$

9. Which container has the most amount of water?



10. Marion baked a cake. She ate $\frac{1}{8}$ of the cake and gave $\frac{2}{8}$ to her sister.

What fraction of the cake was left?

- (1) $\frac{3}{8}$
 (2) $\frac{5}{8}$
 (3) $\frac{6}{8}$
 (4) $\frac{7}{8}$

11. A dress costs \$86.30. A bag costs \$47.95. How much more does the dress cost than the bag?

- (1) \$38.35
- (2) \$39.65
- (3) \$41.65
- ~~(4) \$134.25~~

12. A lift can hold a maximum mass of 500 kg. Seven adults with a total mass of 410 kg are already in the lift. The 4 children in the table below are waiting for the lift. When the lift door opens, which 2 of the 4 children in the table below would be able to ride in the lift with them?

Belle	41 kg
Jac	50 kg
Mariam	49 kg
Siti	55 kg

- (1) Belle and Mariam
- (2) Mariam and Siti
- (3) Jac and Belle
- (4) Siti and Jac

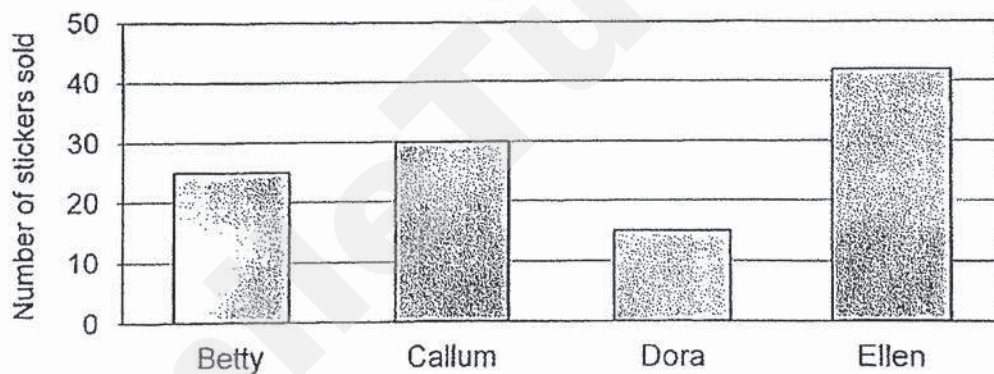
13. Which of the following fractions is smaller than $\frac{1}{2}$?

- (1) $\frac{3}{4}$
- (2) $\frac{2}{5}$
- (3) $\frac{7}{10}$
- (4) $\frac{4}{7}$

14. Mrs Kong mixed 70 ml of cherry syrup with 560 ml of water to make some cherry juice. She poured the cherry juice equally into 7 bottles. How much cherry juice was there in each bottle?

- (1) 10 ml
- (2) 70 ml
- (3) 80 ml
- (4) 90 ml

15. Each team leader was given 50 stickers to sell. The bar graph below shows the number of stickers sold by four team leaders.



Who had the most number of stickers **left unsold**?

- (1) Betty
- (2) Callum
- (3) Dora
- (4) Ellen

End of Booklet A

SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2019

PRIMARY 3
MATHEMATICS
BOOKLET B

Name : _____ ()

Class : Primary 3 SY / C / G / SE / P

18 October 2019

		Marks attained	Max Mark
Booklet A	Section A		30
Booklet B	Section B		30
	Section C		20
Total			80

Parent's Signature

There are 21 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.

Section B: (30 marks)

Questions 16 to 30 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 in numerals.

Three thousand and twelve

Ans: _____

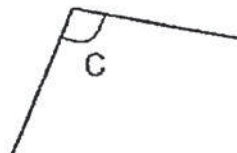
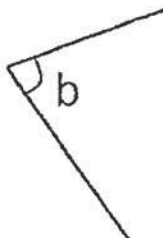
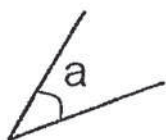
17. Find the product of 460 and 8.

Ans: _____

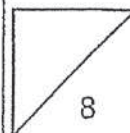
18. A number when divided by 5 gives a quotient of 38 with a remainder of 3.
What is the number?

Ans: _____

19. Which angle is greater than a right angle?



Ans: Angle _____



20. Divide 820 by 6.

Ans: _____

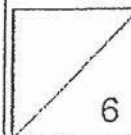
21. A movie ended at 4.30 p.m. and the duration of the movie was 1 hour and 45 minutes. What time did the movie start?

Ans: _____ p.m.

22. What is the missing number?

$$12 \times 8 = 10 \times 8 + \square \times 8$$

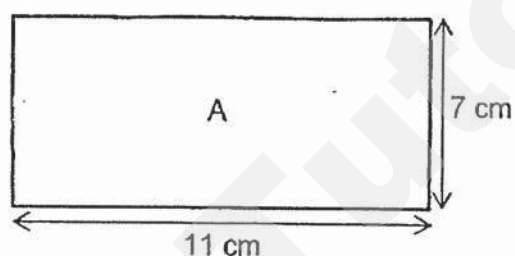
Ans: _____



23. The total length of two ropes X and Y is 5 m long. If rope X is 80 cm longer than rope Y, what is the length of rope Y?

Ans: _____ cm

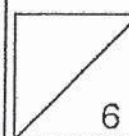
24. Find the area of the rectangle.



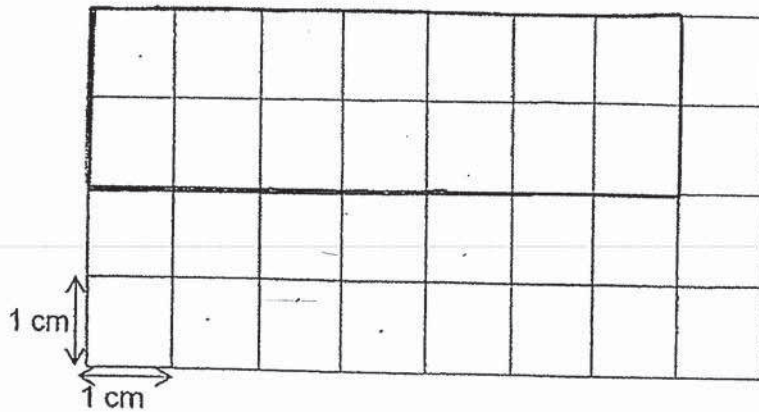
Ans: _____ cm²

25. Tammy had 8 ten-dollar notes. After buying a backpack, she had \$3.50 left. How much did she spend on the backpack?

Ans: \$ _____



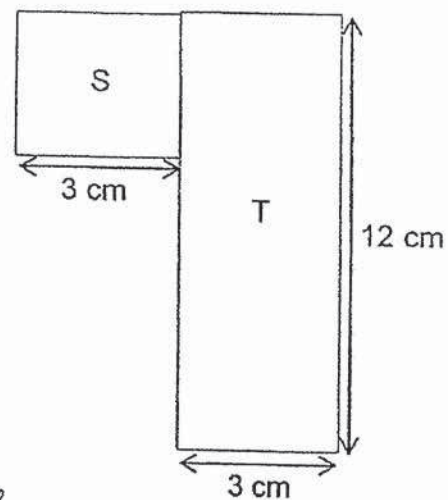
26. Draw a rectangle with an area of 14 cm^2 .



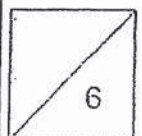
27. A jug contained 1 litre of water. Mr Ling poured some of it equally into 7 cups and had 160 ml left. How much water was there in 1 cup?

Ans: _____ ml

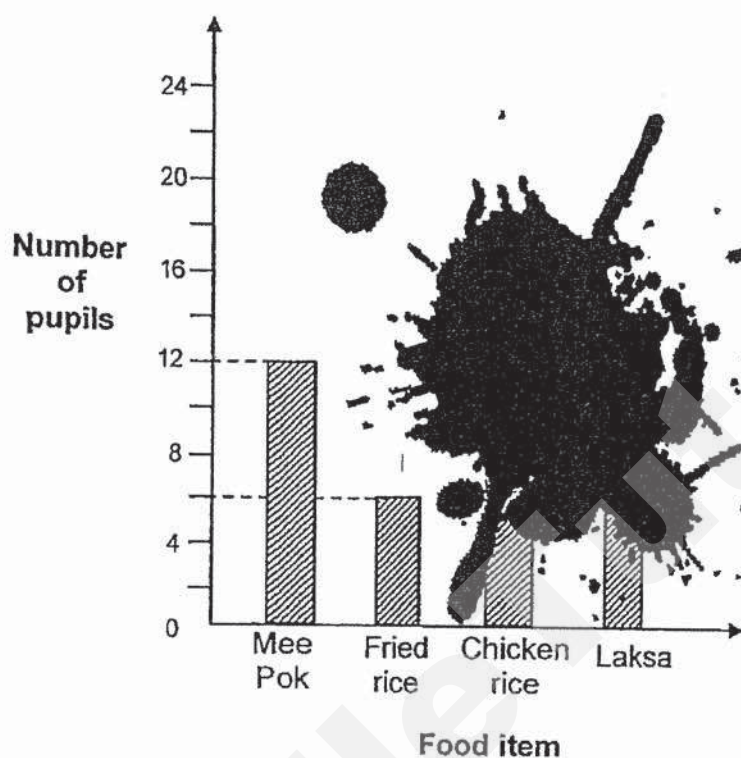
28. The figure below is made up of a square S and a rectangle T.
What is the perimeter of the figure?



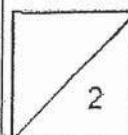
Ans: _____ cm



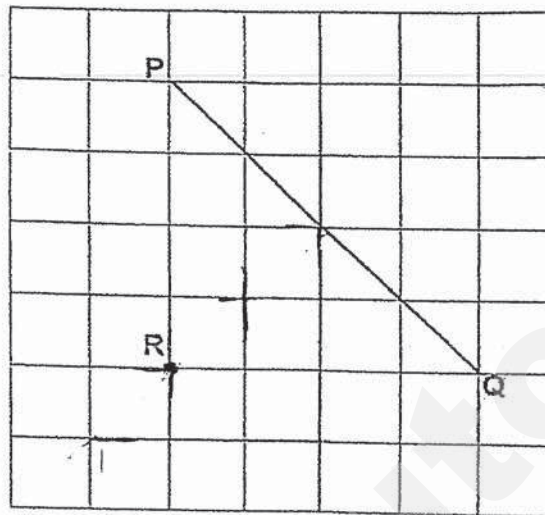
29. A class of 42 pupils were asked what their favourite food was. The results are shown in the graph below. However, ink spilled and covered the results for laksa and chicken rice. Miss Ho remembered there were equal number of students who like chicken rice and laksa. How many students like laksa?



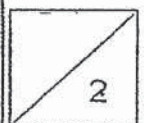
Ans: _____



30. Draw a line perpendicular line to PQ, passing through Point R.



End of Section B



Section C: (20 marks)

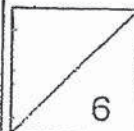
Questions 31 to 34 carry 3 marks each. Questions 35 to 36 carry 4 marks each
Show your working clearly and write your answers in the spaces provided.

31. Molly had 80 bookmarks.
Kelly had 128 more bookmarks than Molly.
How many bookmarks did they have altogether?

Ans: _____ [3m]

32. Gemma bought 260 eggs. She found that 36 eggs were broken. She put the good eggs equally into 8 baskets.
(a) How many good eggs were there?
(b) How many good eggs were there in each basket?

Ans: a) _____ [1m]
b) _____ [2m]



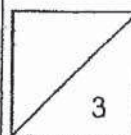
33. David sold 40 cups at \$5 each and James sold twice the number of cups at \$3 each.

(a) Who collected more money?

(b) What is the difference in the amount of money collected?

Ans: a) _____ [1m]

b) _____ [2m]



34. Roy, Mark and John shared 164 marbles.

Mark had 20 marbles more than John and 34 marbles fewer than Roy.

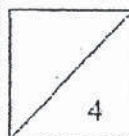
(a) Who had the most number of marbles?

(b) How many marbles did Mark have?

Do not write
in this column

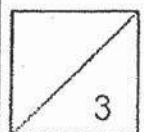
Ans : a) 0 [1m]

b) _____ [3m]

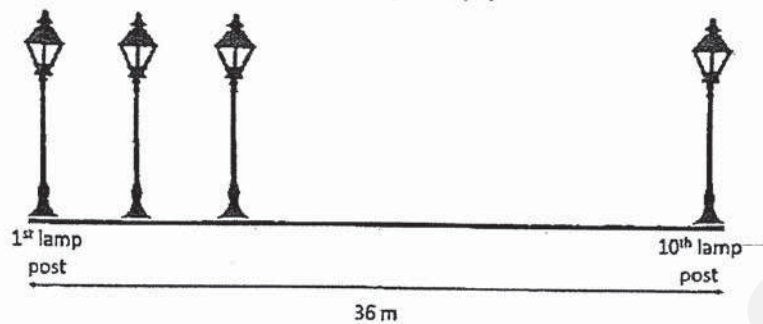


35. In a double-decked ferry, there are 40 more passengers in the lower deck than in the upper deck. 15 passengers in the lower deck move up to the upper deck. How many more passengers are in the lower deck than the upper deck now?

Ans: _____ [3m]



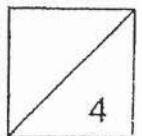
36. There were some lamp posts marked along a path at equal distance apart. The distance between the 1st and the 10th lamp posts was 36 m. If the path was 124 m long, how many lamp posts were marked along it?



Do not write
in this column

Ans: _____ [4m]

END OF PAPER



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SCHOOL : SCGS PRIMARY SCHOOL

LEVEL : PRIMARY

SUBJECT : MATH


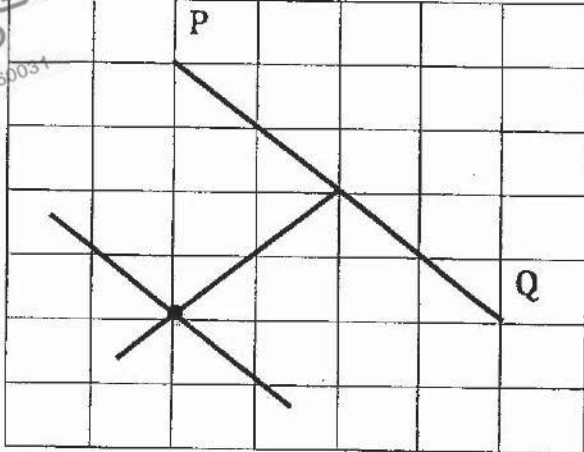
TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q16)	3012
Q17)	$460 \times 8 = 3680$
Q18)	$38 \times 5 = 190$ $190 + 3 = 193$
Q19)	C
Q20)	$820 \div 6 = 136 \text{ R}4$
Q21)	$2.45 \text{ p.m} \rightarrow 3.30 \text{ p.m} = 45 \text{ min}$ $3.30 \text{ p.m} \rightarrow 4.30 \text{ p.m} = 1 \text{ h}$ Ans : 2.45 p.m
Q22)	$12 \times 8 = 96$ $10 \times 8 = 80$ $96 - 80 = 16$ $16 \div 8 = 2$
Q23)	$5\text{m} = 500\text{cm}$ $500 - 80 = 420$

	$420 \div 2 = 210\text{cm}$
Q24)	$11 \times 7 = 77\text{cm}^2$
Q25)	$10 \times 8 = 80$ $80 - 3.50 = \$76.50$
Q26)	
Q27)	$1\text{L} = 1000\text{ ml}$ $1000 - 160 = 840$ $840 \div 7 = 120$
Q28)	$12 - 3 = 9$ Perimeter $= 12 + 12 + 3 + 3 + 3 + 3$ $= 36\text{ cm}^2$
Q29)	$12 + 6 = 8$ $42 - 18 = 24$ $24 \div 2 = 12$
Q30)	

Q31)	$80 \times 2 = 160$ $160 + 128 = 288$
Q32)	$260 - 36 = 224$ $224 \div 8 = 28$
Q33)	a) James b) $40 \times 5 = 200$ $40 \times 2 = 80$ $80 \times 3 = 240$ $240 - 200 = \$40$
Q34)	a) Roy b) $n + (n - 20) + (n + 34) = 164$ $3n + 14 = 164$ $3n = 150$ $1n = 50$
Q35)	$15 \times 2 = 30$ $40 - 30 = 10$
Q36)	$10 - 1 = 9$ $36 \div 9 = 4$ $124 \div 4 = 31$ $31 + 1 = 32$

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ST. HILDA'S PRIMARY SCHOOL

Booklet A

SEMESTRAL ASSESSMENT 2 2019

PRIMARY 3 MATHEMATICS

(BOOKLET A)

Total Time for Booklets A and B: 1 hour 45 minutes

Additional Materials: Optical Answer Sheet

Booklet A: 15 Multiple-Choice Questions (30 marks)

INSTRUCTIONS TO CANDIDATES

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

Name : _____

Index No.: _____ Class: P3 / _____ Date : 30 October 2019

Parent's Signature : _____

This booklet consists of 7 printed pages.

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. (30 marks)

1 In which of the following numbers does the digit '1' have the greatest value?

- (1) 1489
- (2) 4618
- (3) 7801
- (4) 8193

2 What is the sum of 1784 and 3088?

- (1) 4762
- (2) 4772
- (3) 4862
- (4) 4872

3 9 groups of 6 is the same as _____.

- (1) $9 + 6$
- (2) $6 + 6 + 6 + 6 + 6 + 6$
- (3) $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$
- (4) $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9$

4 How much more does the book cost than the pencil?



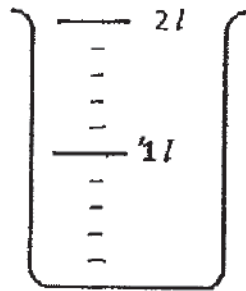
\$13.80



\$3.60

- (1) \$9.20
- (2) \$9.80
- (3) \$10.20
- (4) \$17.40

- 5 What is the volume of water in the beaker?



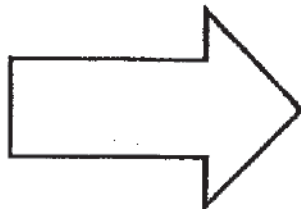
- (1) 1 l 20 ml
- (2) 1 l 40 ml
- (3) 1 l 200 ml
- (4) 1 l 400 ml

- 6 Find the missing denominator.

$$\frac{4}{8} = \frac{3}{\boxed{?}}$$

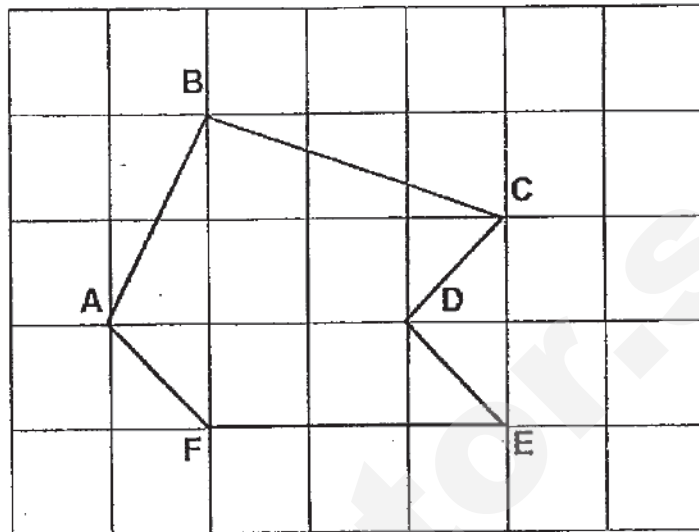
- (1) 7
- (2) 6
- (3) 5
- (4) 4

- 7 How many right angles are there inside the figure shown below?



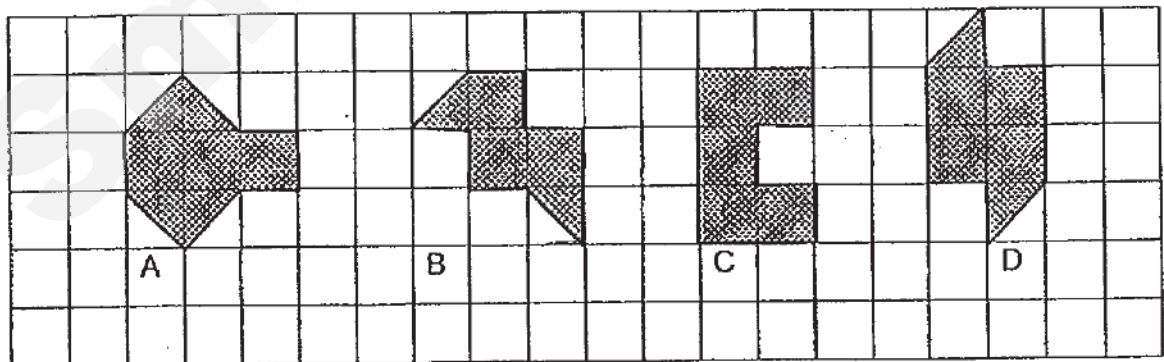
- (1) 5
- (2) 2
- (3) 3
- (4) 4

- 8 Study the figure below.
Which one of the following pairs of lines are parallel to each other?



- (1) AB and CD
- (2) AB and BC
- (3) AF and FE
- (4) AF and DE

- 9 Which of the following figures **does not** have the same area as the rest?



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

10 There are 35 hundreds and 3 tens in _____.

- (1) 380
- (2) 3503
- (3) 3530
- (4) 3800

11 Adnan wanted to give 28 marbles to each of his 9 classmates, but he was short of 12 marbles.

How many marbles did he have?

- (1) 96
- (2) 240
- (3) 252
- (4) 264

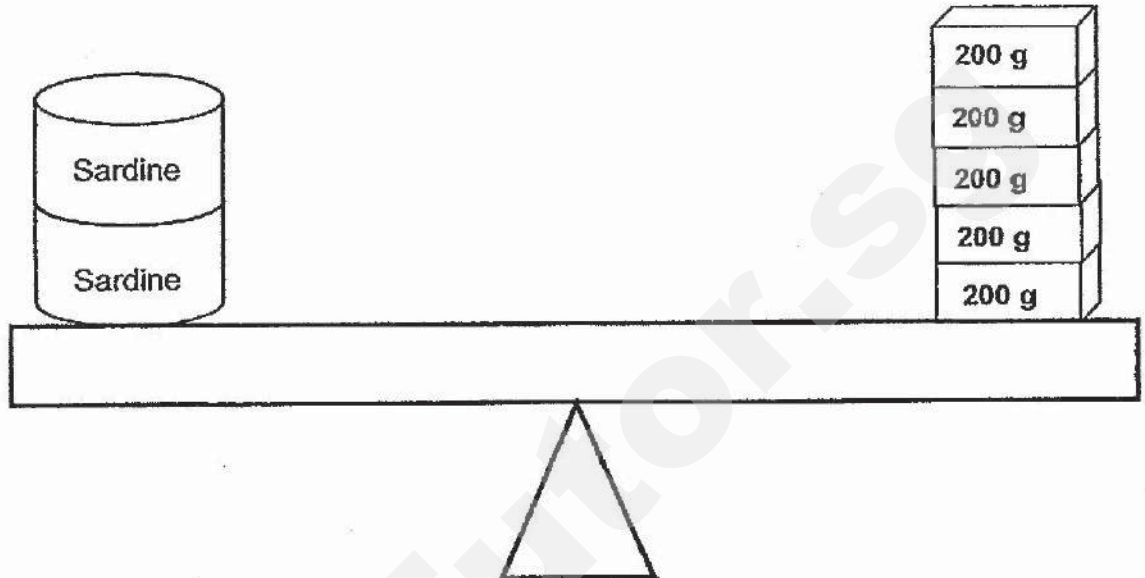
12 There are 70 cookies.

Betty packs 6 cookies into each box.

How many boxes are needed to pack all the cookies?

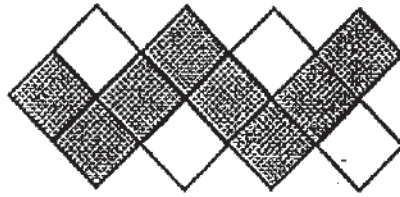
- (1) 10
- (2) 11
- (3) 12
- (4) 13

- 13 Two cans of sardine having the same mass were placed on the balance shown below.
Find the mass of 1 can of sardine.



- (1) 400 g
(2) 500 g
(3) 800 g
(4) 1000 g
- 14 Mrs Chong attended a concert that lasted 2 h 25 min.
Express the duration of 2 h 25 min in minutes.
- (1) 85 min
(2) 145 min
(3) 172 min
(4) 225 min

- 15 What fraction of the figure is shaded?
Express your answer in the simplest form.



- (1) $\frac{1}{3}$
(2) $\frac{2}{3}$
(3) $\frac{4}{12}$
(4) $\frac{8}{11}$

End of Booklet A
Proceed to Booklet B

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ST. HILDA'S PRIMARY SCHOOL

Booklet B

SEMESTRAL ASSESSMENT 2 2019

PRIMARY 3 MATHEMATICS

(BOOKLET B)

Total Time for Booklets A and B: 1 hour 45 minutes

Booklet B: 21 Short Answer Questions (36 marks)
4 Long Answer Questions (14 marks)

INSTRUCTIONS TO CANDIDATES

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

Name : _____	
Index No.: _____ Class: P3 / _____ Date : 30 October 2019	
Booklet A	/ 30
Booklet B	/ 50
Total	/ 80
Parent's Signature : _____	

This booklet consists of 12 printed pages.

Do not write
in this space.

Questions 16 to 21 carry 1 mark each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (6 marks)

16 Write 8049 in words.

Ans : _____

17 Study the number pattern shown below.
What is the missing number in the box?

2245, 2465, 2685, ?, 3125

Ans: _____

18 Find the difference between 364 and 5880.

Ans: _____

19 Find the product of 234 and 6.

Ans: _____

Do not write
in this space.

- 20 Jolene bought 4 magazines at \$3.55.
She also bought a bag for \$24.15.
How much did she spend altogether?

Ans: \$ _____

- 21 Find the value of $\frac{4}{12} + \frac{1}{4}$.
Give your answer in the simplest form.

Ans: _____

Questions 22 to 36 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (30 marks)

- 22 During a carnival, Raj sold 456 chicken nuggets in the morning.
He was then left with 1363 chicken nuggets to be sold.
How many chicken nuggets did he have at first?

Ans: _____

Do not write
in this space.

- 23 Mrs Tan put 161 oranges equally into bags of 7 oranges each.
How many bags of oranges would she get?

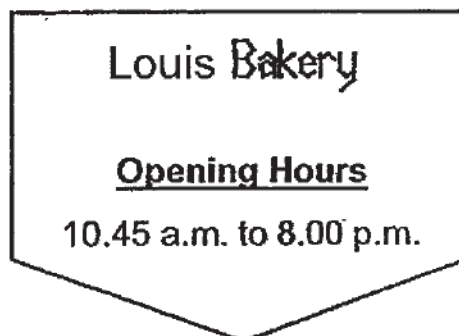
Ans: _____

- 24 Convert these distances into metres.

(a) 1 km 56 m = _____ m

(b) 2000 cm = _____ m

- 25 The signage below shows the daily opening hours of a bakery.
How long is the bakery open each day?



Ans: _____ h _____ min

Do not write
in this space.

- 26 Use the digits: 2, 3, 7 and 9 to form a 4-digit **even** number that is between 5000 and 9000.
The digit in the tens place is smaller than the digit in the hundreds place.
What is this number?

Ans: _____

☐

- 27 Fred has 500 red and blue marbles.
He has 140 more red marbles than blue marbles.
How many blue marbles does Fred have?

Ans: _____

☐

- 28 Eveyln bought some pencils.
She packed 8 pencils in a box.
After packing the pencils into 5 boxes, she had 4 pencils left.
How many pencils did she buy?

Ans: _____

☐☐

Do not write
in this space.

- 29 Find the quotient when 867 is divided by 4.

Ans: _____

- 30 Samuel has a total of 10 coins that add up to \$3.80.
His coins are in 20¢ and 50¢ denominations.
How many 50¢ coins does he have?

Ans: _____

- 31 The clock shown below is 10 minutes faster than the actual time.
After 1 hour, what will be the actual time?



Ans: _____

Do not write
in this space.

- 32 Arrange the fractions below from the smallest to the greatest.

$\frac{5}{6}$

$\frac{3}{4}$

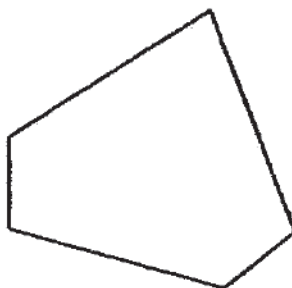
$\frac{1}{2}$

Ans: _____
smallest greatest

- 33 Jason wants to have $\frac{2}{3}$ l of juice but he only has $\frac{1}{6}$ l.
How much more juice does he need?

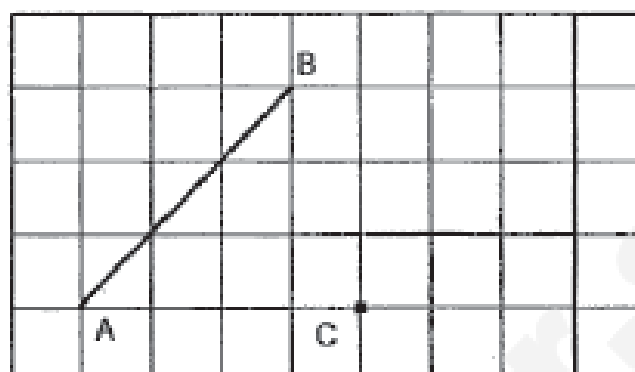
Ans: _____

- 34 Study the figure shown below.
Mark out the angles inside the figure that are larger than a right angle?

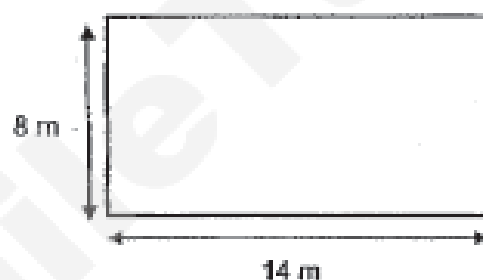


Do not write
in this space.

- 35 In the grid below, draw a line perpendicular to the given line AB. The line must pass through point C.



- 36 Jonathan walked twice around his rectangular garden. How far did he walk?



Ans: _____ m

Do not write
in this space.

For questions 37 to 40, show your working clearly and write your equations and word statements in the space provided. The number of marks available is shown in brackets [] at the end of each question.

(14 marks)

- 37 The length of a string is three times the length of a ribbon.
The total length of the string and ribbon is 428 cm.
- (a) How long is the ribbon?
Give your answer in metres and centimetres.
- (b) How long is the string?
Give your answer in metres and centimetres.

Ans: (a) _____ [1]

(b) _____ [2]

☐☐

Do not write
in this space.

- 38 The rectangle below is made up of two identical squares.



- (a) What is the length of the rectangle?
(b) What is the area of the rectangle?

Ans: (a) _____ [1]

(b) _____ [2]

Do not write
in this space.

- 39 Xavier scored 1042 points for a game.
He scored 180 points more than Yvonne.
Zac scored 344 points more than Yvonne.

- (a) How many points did Yvonne score?
(b) How many points did Zac score?

Ans: (a) _____ [2]

(b) _____ [2]

Do not write
in this space.

- 40 In a toy shop, toy cars were packed in boxes of 3 for \$5.
The shop owner had to pack 405 toy cars for Christmas sales.

- (a) How many boxes of toy cars did he pack?
(b) How much did he collect from selling all the toy cars?

Ans: (a) _____ [2]

(b) _____ [2]

END OF PAPER

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SCHOOL : ST.HILDA'S PRIMARY SCHOOL

LEVEL : PRIMARY

SUBJECT : MATH


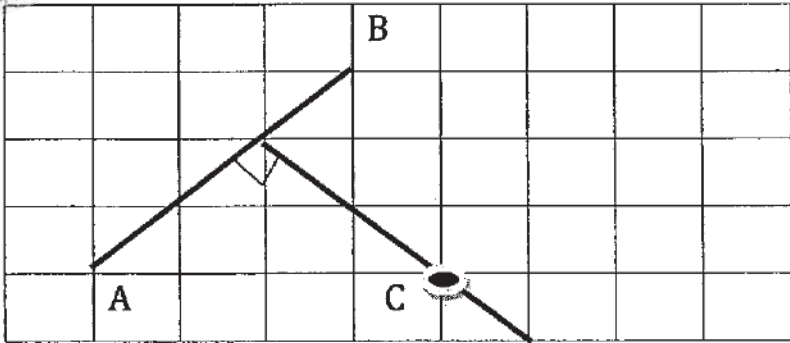
TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q16)	Eight thousand and forty-nine.
Q17)	$2685 + 220 = 2905$
Q18)	$5880 - 364 = 5516$
Q19)	$234 \times 6 = 1404$
Q20)	$\$24.15 + \$3.55 = \$27.70$
Q21)	$\frac{1}{4} \times 3 = \frac{3}{12}$ $\frac{3}{12} + \frac{4}{12} = \frac{7}{12}$
Q22)	$456 + 1363 = 1819$
Q23)	$161 \div 7 = 23$
Q24)	a) $1\text{km } 56\text{m} = 1056\text{m}$ b) $2000\text{cm} = 20$

Q25)	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> 10.45am ----- </div> <div style="text-align: center;"> 4.45p.m ----- </div> <div style="text-align: center;"> 5.00p.m ----- </div> <div style="text-align: center;"> 8.00p.m ----- </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="text-align: center;">6h</div> <div style="text-align: center;">15min</div> <div style="text-align: center;">3h</div> </div> <p>Ans : 9h 15min</p>
Q26)	7932
Q27)	$500 - 140 = 360$ $360 \div 2 = 180$
Q28)	$8 \times 5 = 40$ $40 + 4 = 44$
Q29)	$867 \div 4 = 216 \text{ R}3$ Ans : 3
Q30)	6
Q31)	10.55
Q32)	$\frac{1}{2}, \frac{3}{4}, \frac{5}{6}$
Q33)	$\frac{4}{6} - \frac{1}{6} = \frac{3}{6}$
Q34)	
Q35)	

Q36)	$8 + 8 + 14 + 14 = 44$ $44 \times 2 = 88$
Q37)	$a) 428 \div 4 = 107$ $107\text{cm} = 1\text{m } 7\text{ cm}$ $b) 107 \times 3 = 321$ $321\text{cm} = 3\text{m } 21\text{cm}$
Q38)	$a) 7 \times 2 = 14$ $b) 14 \times 7 = 98\text{cm}^2$
Q39)	$a) 1042 - 180 = 862$ $b) 862 + 344 = 1206$
Q40)	$a) 405 \div 3 = 135$ $b) 405 \div 3 = 135$ $135 \times 5 = \$675$

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2019 PRIMARY 3 SEMESTRAL ASSESSMENT 2

Name: _____ () Date: 24 October 2019

Class: Primary 3 () Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature: _____ Marks: _____ / **50**

MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. The duration for Paper 1 is 1 hour.

Booklet A	10
Booklet B	10

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Paper 1 Booklet A

Multiple Choice Questions

Questions 1 to 10 carry 1 mark 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. (10 marks)

1. In 8492, the digit 4 is in the _____ place.

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

2. 7 groups of 8 is the same as _____.

- (1) $7 + 8$
- (2) $8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$
- (3) $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$
- (4) $8 + 8 + 8 + 8 + 8 + 8 + 8$

3. Which of the following is the equivalent fraction of $\frac{1}{5}$?

- (1) $\frac{2}{6}$
- (2) $\frac{2}{8}$
- (3) $\frac{2}{10}$
- (4) $\frac{2}{12}$

4. Raheem ate $\frac{1}{4}$ of a cake and Lionel ate $\frac{1}{8}$ of the same cake.

What fraction of the cake was left?

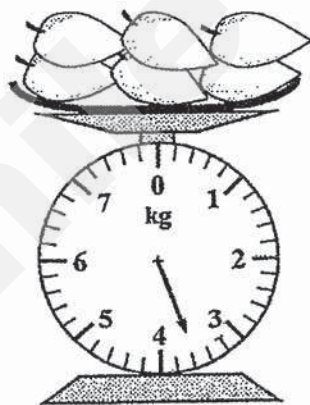
(1) $\frac{2}{12}$

(2) $\frac{10}{12}$

(3) $\frac{3}{8}$

(4) $\frac{5}{8}$

5. The diagram shows some mangoes which are placed on a weighing scale.



What is the mass of the mangoes?

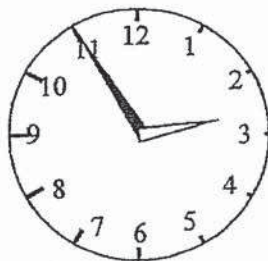
(1) 3600 g

(2) 3300 g

(3) 360 g

(4) 330 g

6. Harry left his house to go to a cinema at the time shown below.



He took 20 minutes to reach the cinema.

At what time did he reach the cinema?

- (1) 5 minutes to 3
- (2) 5 minutes to 4
- (3) 15 minutes past 2
- (4) 15 minutes past 3

7. The table below shows the capacities of four containers.

Container P	1385 ml
Container Q	2365 ml
Container R	1 l 835 ml
Container S	2 l 360 ml

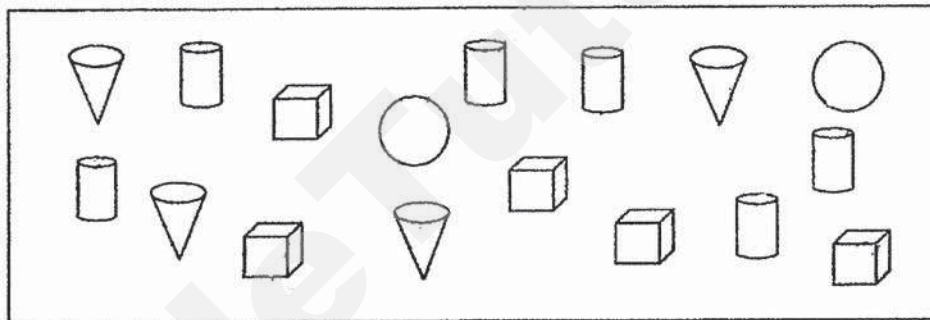
Which container has the greatest capacity?

- (1) P
- (2) Q
- (3) R
- (4) S

8. Jack paid \$13.50 for a movie ticket. He paid with two \$10 notes.
How much change did he receive?

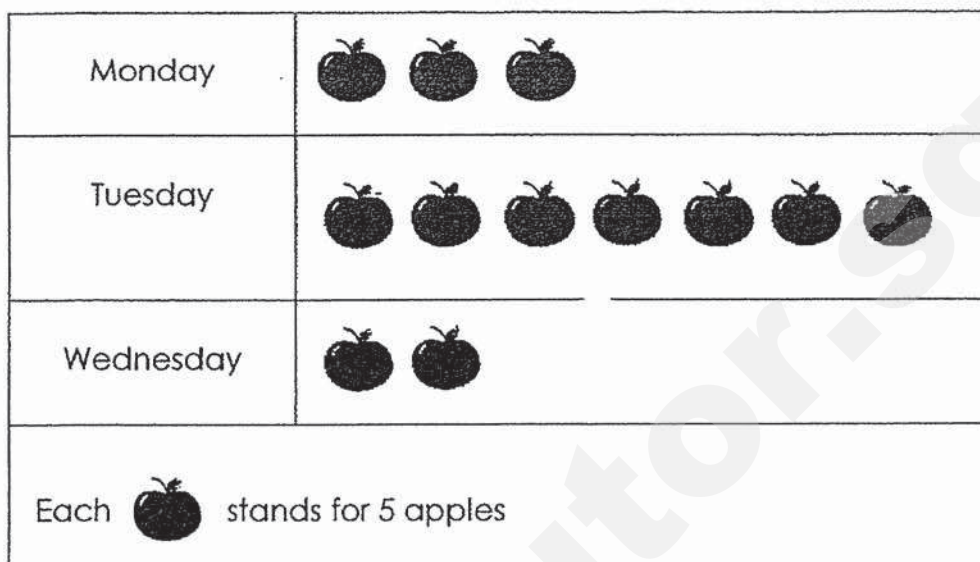
- (1) \$3.50
(2) \$6.50
(3) \$7.50
(4) \$8.20

9. Count the total number of cubes and cones.



- (1) 8
(2) 9
(3) 10
(4) 11

10. The picture graph shows the number of apples sold at a shop from Monday to Wednesday.



How many more apples were sold on Tuesday than on Wednesday?

- (1) 25
- (2) 20
- (3) 10
- (4) 5

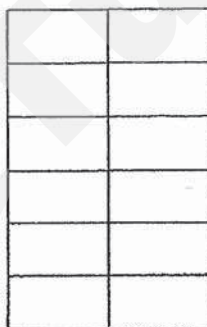
Paper 1-Booklet B

Short Answer Questions

Questions 11 to 20 carry 1 mark each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. (10 marks)

11. $412 \div 4 =$

12. Study the figure below. How many rectangles must be shaded so that $\frac{2}{3}$ of the figure is shaded?



13. Arrange the fractions below from the **smallest to the greatest**.

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

smallest		

14. Pens are sold in packs of 5. Each pack is sold at \$8.
Mrs Lin has \$60. What is the **maximum** number of pens she can buy?



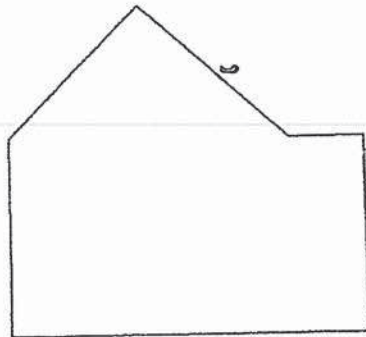
15. A jug contained 1ℓ of mango juice. Devi used some of it to serve her guests. 80 ml of mango juice was left in the jug.
How much mango juice did Devi use? (Give your answer in millilitres.)

 ml

16. A notebook and a pen cost \$8.
The notebook and 2 pens cost \$11.
Find the cost of the notebook.

 \$

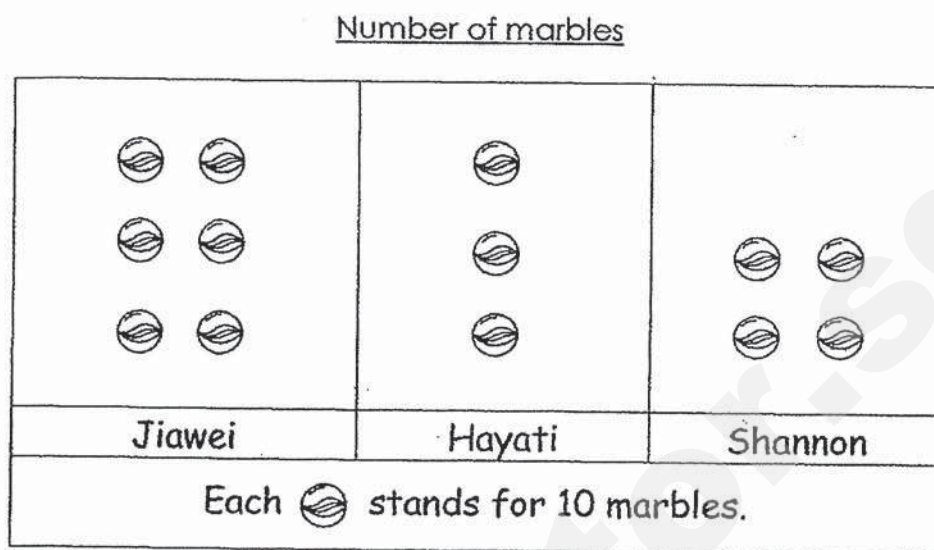
17. How many right angles are there in the figure below?



18. Study the diagram below carefully.
Which is heavier, a rubber ball or an eraser?



The graph shows the number of marbles each child had.
Study it carefully and answer Questions 19 and 20.



19. Who had the most number of marbles?

20. How many more marbles did Jiawei have than Shannon?

End of Paper 1



2019 PRIMARY 3 SEMESTRAL ASSESSMENT 2

Name: _____ () Date: 24 October 2019

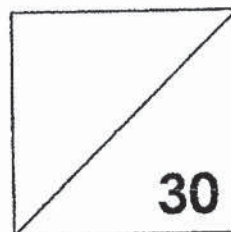
Class: Primary 3 ()

Time: 11.a.m - 12 p.m

Parent's Signature: _____

MATHEMATICS

PAPER 2



INSTRUCTIONS TO CANDIDATES

1. Write your name, class and register number.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Show your working clearly as marks are awarded for correct working.
6. The duration for Paper 2 is **1 hour**.

Questions 1 to 10 carry 3 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. (30 marks)

1. Jacob collected 2540 stickers.
He had 1230 more stickers than Hamish.
How many stickers did they have altogether?

They had _____ stickers altogether.

Ans: _____

2. Christelle has 99 buttons.
Amelie has 3 times as many buttons as Christelle.
Joanne has 78 fewer buttons than Amelie.
How many buttons does Joanne have?

Joanne had _____ buttons.

Ans: _____

3. Gabriel's father is 4 times as old as him now.
2 years ago, Gabriel was 8 years old.
How old is his father now?

Gabriel's father is _____ now.

Ans: _____

4. 5 toy cars and 2 toy trucks costs \$62.
A toy truck costs \$3 more than a toy car.
Find the cost of a toy car.

A toy car costs _____.

Ans; _____

5. Ben wanted to buy a television set. It costs \$2400.
Ben saved the same amount of money in January and February.
He was still short of \$450.
How much money did he save in January?

He saved _____ in January.

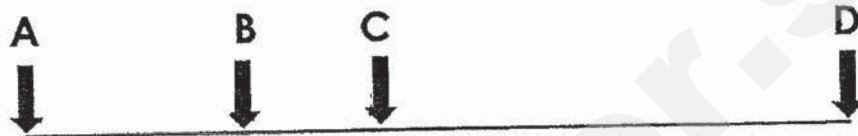
Ans: _____

6. Raju is 6 kg lighter than Ahmad.
Darius is 9 kg heavier than Ahmad.
The total mass of the 3 boys is 162 kg.
Find Raju's mass.

Raju weighs _____.

Ans: _____

7. The distance between Point B and Point D is 233m.
The distance between Point A and Point C is 180m.
The distance between Point A and Point B is twice
the distance between Point B and Point C.
What is the distance between Point C and Point D?

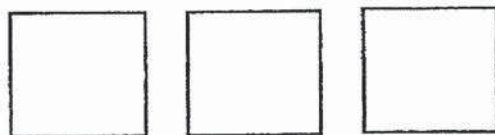


The distance between Point C and Point D is _____.

Ans: _____

8. A wire, 60 cm long, is cut equally into 3 pieces, which are then bent to make 3 identical squares.

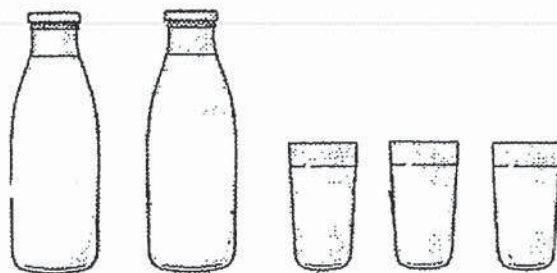
Find the length of one side of the square.



The length of one side of the square is _____.

Ans: _____

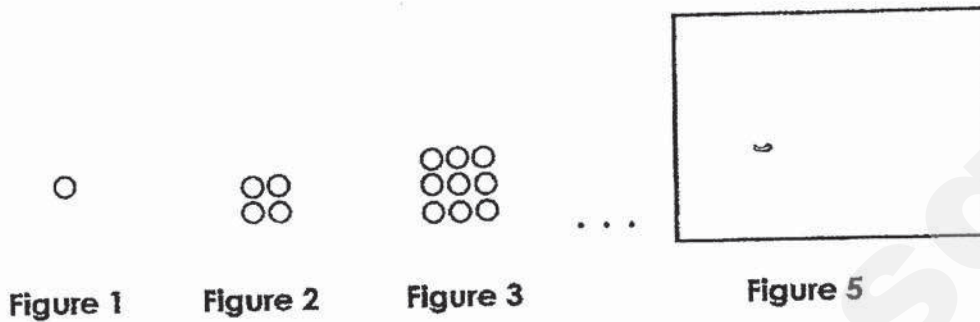
9. The capacity of 2 bottles and 3 cups is 990 mL.
The capacity of a bottle is thrice of a cup.
What is the capacity of a bottle?



The capacity of a bottle is _____.

Ans: _____

10. The figures are made up of circles. Study the pattern.



- a) Draw **Figure 5** in the box provided.
b) Which figure is made up of 81 circles?

b) **Figure** _____ is made up of 81 circles.

Ans: a) Draw Figure 5

b) **Figure** _____

End of Paper 2

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SCHOOL : TAO NAN PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA2

BOOKLET A

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

Q11)	103
Q12)	8
Q13)	$\frac{2}{6}$, $\frac{1}{2}$, $\frac{3}{6}$
Q14)	$\$60 \div 8 = 7 \text{ R}4$ $7 \times 5 = 35$
Q15)	$1\text{l} = 1000\text{ml}$ $1000\text{ml} - 80\text{ml} = 920\text{ml}$
Q16)	$\$11 - \$8 = \$3$ $\$8 - \$3 = \$5.00$
Q17)	4
Q18)	rubber ball
Q19)	Jiawei
Q20)	$60 - 40 = 20$

PAPER 2

Q1)	$2540 - 1230 = 1310$ $2540 + 1310 = 3850$
Q2)	$99 \times 3 = 297$ $297 - 78 = 219$

Q3)	$8 + 2 = 10$ $10 \times 4 = 40$ years old
Q4)	$\$3 \times 2 = \6 $\$62 - \$6 = \$56$ $\$56 \div 7 = \8
Q5)	$\$2400 - \$450 = \$1950$ $\$1950 \div 2 = \975
Q6)	$162 - 6 - 6 - 9 = 141$ $141 \div 3 = 47\text{kg}$
Q7)	$180\text{m} \div 3 = 60\text{m}$ $BC = 60\text{m}$ $233\text{m} - 60\text{m} = 173\text{m}$
Q8)	$60\text{cm} \div 12 = 5\text{cm}$
Q9)	$990\text{ml} \div 9 = 110\text{ml}$ $1 \text{ cup} = 110\text{ml}$ $1 \text{ bottle} = 110\text{ml} \times 3 = 330\text{ml}$
Q10)	a) <div data-bbox="491 1243 821 1527" data-label="Image"> </div> b) 9

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