



## 2018 PRIMARY 3 SEMESTRAL ASSESSMENT 2

Name: \_\_\_\_\_ ( ) Date: 24 October 2018

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
Paper 2		30

**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)**

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1. The value of the digit 9 in 5920 is \_\_\_\_\_.

- (1) 9
- (2) 90
- (3) 900
- (4) 9000

2. What is the difference between 9733 and 250 ?

- (1) 9483
- (2) 9523
- (3) 9583
- (4) 9983

3. Which of the following **does not** have the same value as  $\frac{1}{2}$  ?

- (1)  $\frac{2}{6}$
- (2)  $\frac{4}{8}$
- (3)  $\frac{5}{10}$
- (4)  $\frac{6}{12}$

4. Which of the following fractions is the greatest?

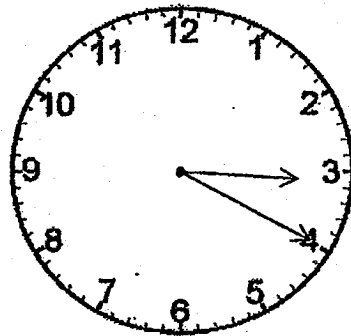
(1)  $\frac{2}{3}$

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

(3)  $\frac{5}{6}$

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

5. The time now is 3.20 p.m. What time was it 25 minutes ago?



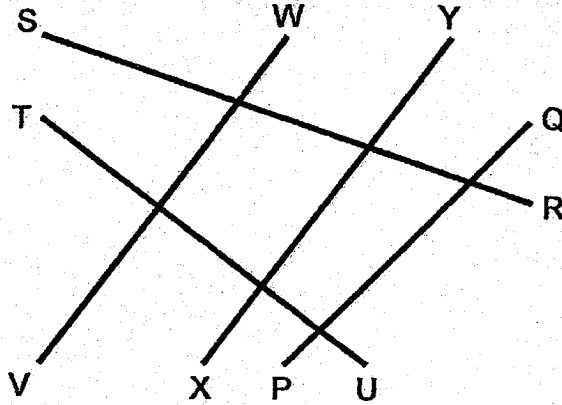
(1) 2.20 p.m.

(2) 2.55 p.m.

(3) 3.25 p.m.

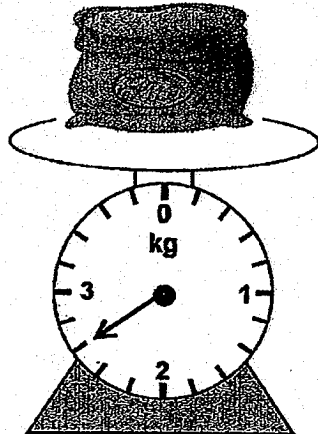
(4) 3.45 p.m.

6. Study the lines below carefully. Which line is parallel to XY?



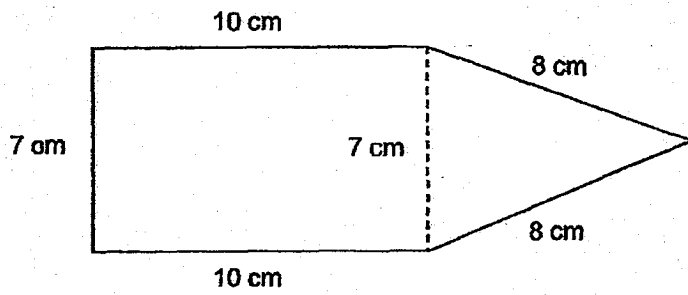
- (1) PQ
- (2) RS
- (3) UT
- (4) VW

7. What is the mass of the bag of rice?



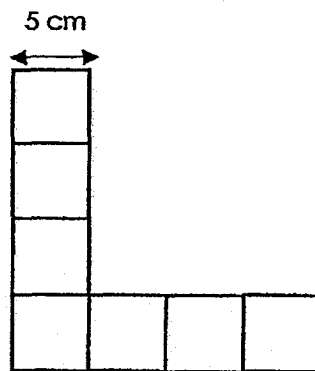
- (1) 230 g
- (2) 260 g
- (3) 2300 g
- (4) 2600 g

8. The figure below is made up of a rectangle and a triangle. Find the perimeter of the figure.



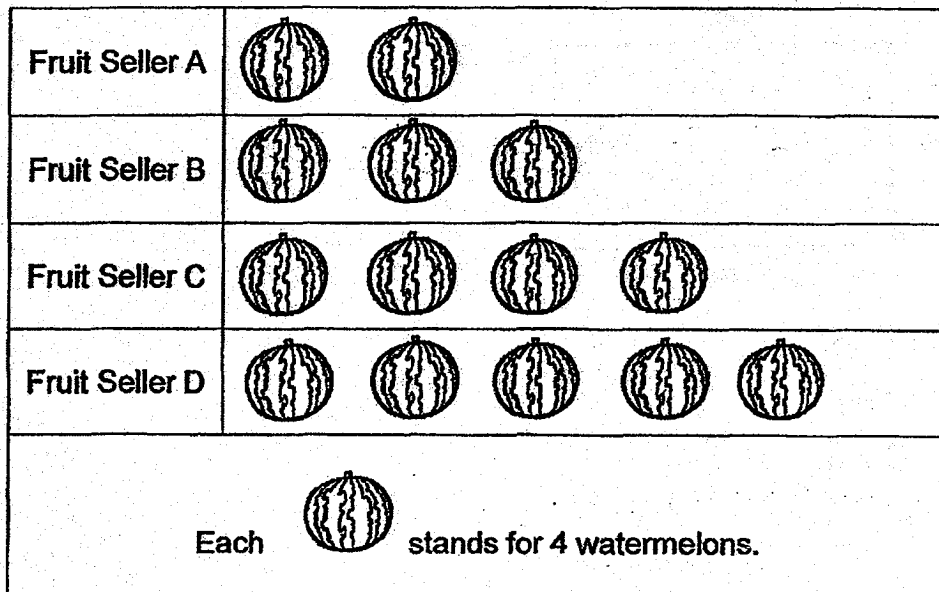
- (1) 34 cm
- (2) 43 cm
- (3) 50 cm
- (4) 57 cm

9. The figure below is made up of 7 identical squares. Find the area of the figure.



- (1) 175 cm<sup>2</sup>
- (2) 140 cm<sup>2</sup>
- (3) 25 cm<sup>2</sup>
- (4) 80 cm<sup>2</sup>

10. The graph shows the number of watermelons a fruit seller sold at a funfair.



Fruit Sellers B, C and D sold \_\_\_\_\_ watermelons altogether.

- (1) 56
- (2) 48
- (3) 14
- (4) 12

**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. What is the missing number in the box?

$$\begin{array}{r} 2852 \\ + 60\boxed{1} \\ \hline 8923 \end{array}$$

12. Mr Wong bought two shirts. He gave the cashier \$140 and received \$3.40 as change. Which two shirts did he buy?



**Shirt A**



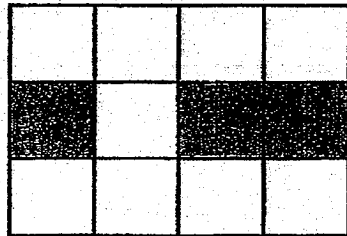
**Shirt B**



**Shirt C**

\_\_\_\_\_ and \_\_\_\_\_

13. Mark wants to shade  $\frac{3}{4}$  of the figure below. How many **more** squares must be shaded?



- 
14. Edwin studied from 3.10 p.m. to 4.55 p.m. How long did he study?

 h  min

- 
15. Is the angle below **greater** or **smaller** than a right angle?

 than a right angle

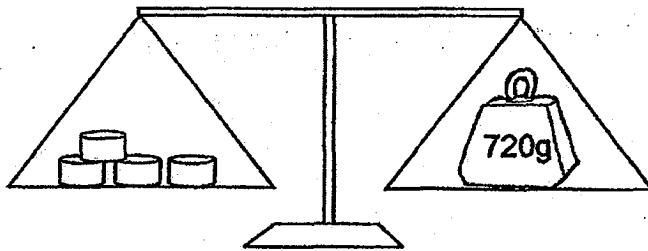


16.  $\frac{4}{5} - \frac{3}{10} = \frac{\square}{\square}$

Express your answer in the simplest form.

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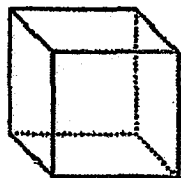
17. 4 similar cylinders are placed on the balance scale below.  
What is the mass of one cylinder?



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 g

18. How many faces does a cube have?



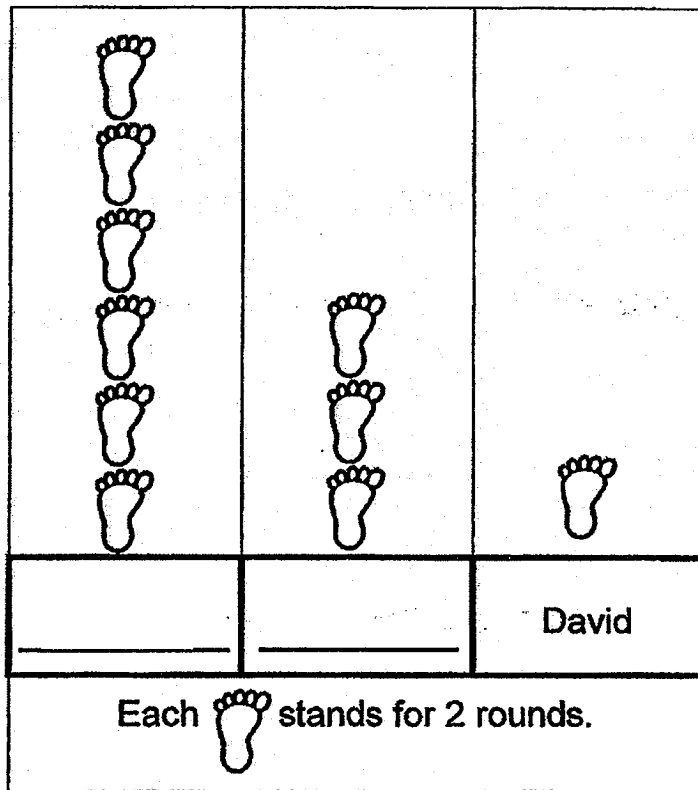
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 faces

Study the graph carefully and answer questions 19 and 20.

19. Fandi, Sundram and David ran a total of 20 rounds around a running track. Sundram ran the greatest number of rounds.

Complete the picture graph by filling in the names, **Sundram** and **Fandi**.



20. How many fewer rounds did David complete than Sundram?

_____
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rounds

End of Paper



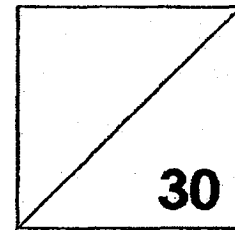
## **2018 PRIMARY 3 SEMESTRAL ASSESSMENT 2**

Name: \_\_\_\_\_ ( )      Date: 24 October 2018

Class: Primary 3 ( ) \_\_\_\_\_      Time: 10.30 a.m. - 11.30 a.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. Kassim collected 2639 marbles.  
He collected 456 fewer marbles than Jeremy.  
(a) How many marbles did Jeremy collect?  
(b) How many marbles did they collect altogether?

(a) Jeremy collected \_\_\_\_\_ marbles.

(b) They collected \_\_\_\_\_ marbles altogether.

Ans: a) \_\_\_\_\_

b) \_\_\_\_\_

2. Samantha's mother is 30 years older than her.  
Their total age is 56 years.  
How old is Samantha?

Samantha is \_\_\_\_\_ years old.

Ans: \_\_\_\_\_

3. There was an equal number of students in Group A and Group B at first. After 16 students left Group A to join Group B, there were three times as many students in Group B as in Group A. How many students were there in each group at first?

There were \_\_\_\_\_ students in each group at first.

Ans: \_\_\_\_\_

- 
4. The total cost of 2 Adult and 2 Child tickets to the zoo was \$116.  
An adult ticket costs \$10 more than a child ticket.  
Find the cost of 1 child ticket.

1 child ticket costs \_\_\_\_\_.

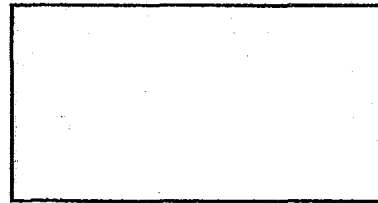
Ans: \_\_\_\_\_

5. Joanne paid \$200 for a gold chain.  
She paid for it with 16 \$10 notes and some \$5 notes.  
How many \$5 notes did she use?

She used \_\_\_\_\_ \$5 notes.

Ans: \_\_\_\_\_

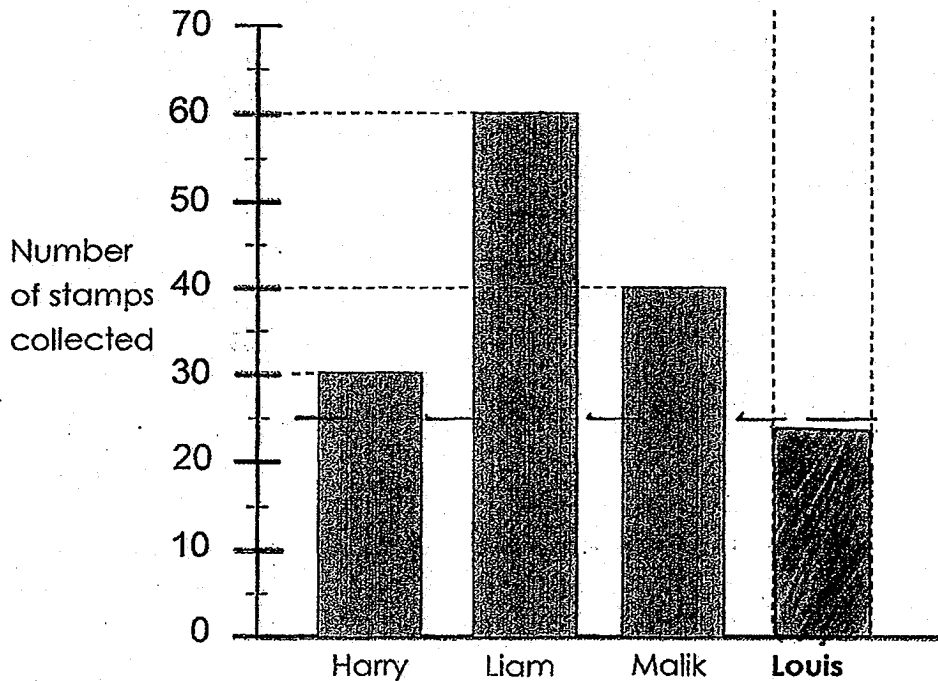
6. The length of a school field is 2 times its breadth.  
The perimeter of the school field is 132 m.  
What is the length of the field?



The length of the field is \_\_\_\_\_.

Ans: \_\_\_\_\_

7. The graph below shows the number of stamps collected by some boys.



(a) Louis collected 25 stamps.

**Draw** the bar to show the number of stamps Louis collected.

(b) Who collected twice as many stamps as Harry?

(c) How many more stamps than Louis did Malik collect?

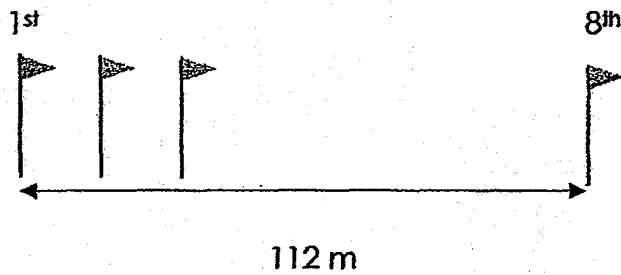
(b) \_\_\_\_\_ collected twice as many stamps as Harry.

(c) Malik collected \_\_\_\_\_ more stamps.

Ans: (b) \_\_\_\_\_

(c) \_\_\_\_\_

8. There are 8 flag poles placed at equal distance apart.  
The distance between the first and 8th flag pole is 112 m.  
What is the distance between the first and fifth flag pole?

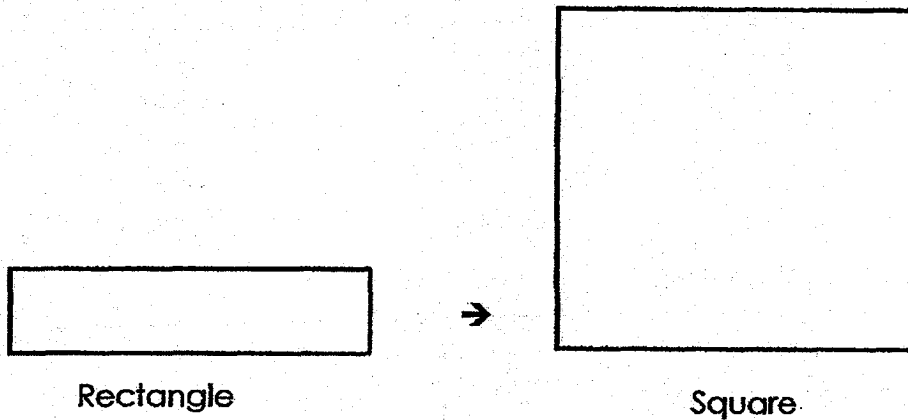


The distance between the first and fifth flag pole is \_\_\_\_\_.

Ans: \_\_\_\_\_



9. Four identical rectangles were used to form a square.  
The perimeter of the square is 48 m.



- (a) Find the length of one side of the square.  
(b) Find the perimeter of one rectangle.

- (a) The length of one side of the square is \_\_\_\_\_.  
(b) The perimeter of one rectangle is \_\_\_\_\_.

Ans: (a) \_\_\_\_\_

: (b) \_\_\_\_\_

10. Study the pattern shown.

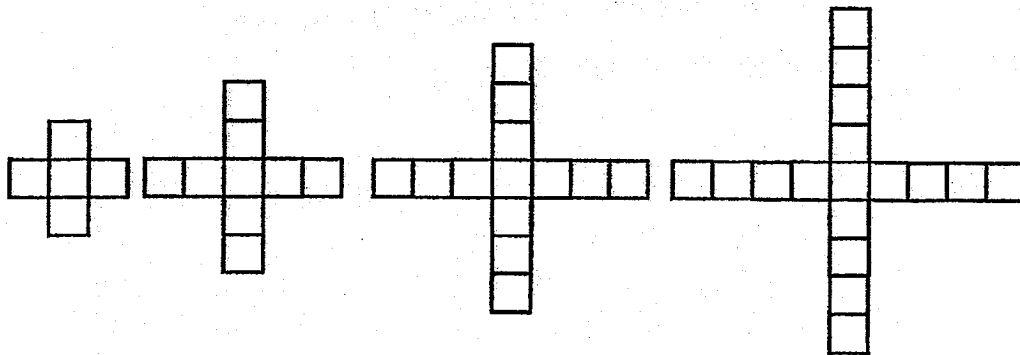


Figure 1

Figure 2

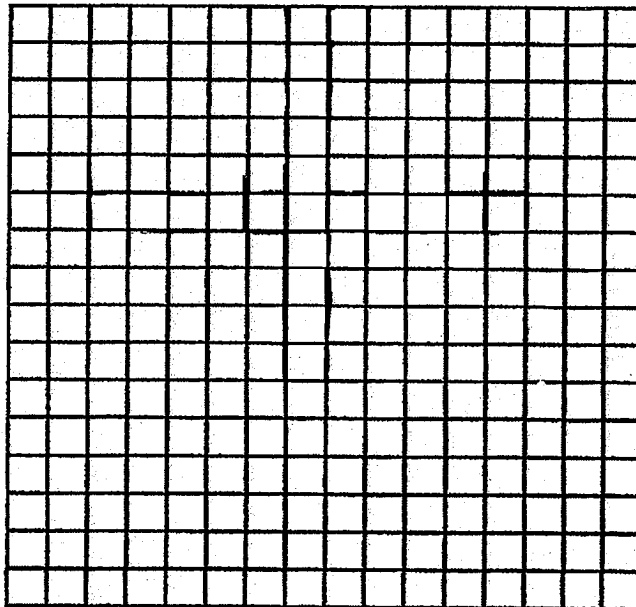
Figure 3

Figure 4

a) Complete the table.

Figure	1	2	3	4
Number of squares	5		13	

b) Draw and colour the Figure 5 in the square grid below.



c) How many squares is Figure 10 made up of?

Ans: (c) \_\_\_\_\_

**EXAM PAPER 2018 (P3)**

**SCHOOL : TAO NAN**

**SUBJECT : MATHEMATICS**

**TERM : SA2**

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

11)7

12)A and C

13)6

14)1h 45 min

15)Greater

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

17)180 g

18)6

19)Sundram / Fandi / David

20)10

**Paper 2**

1) a)  $2639 + 456 = 3095$

b)  $2639 + 3095 = 5734$

2)  $56 - 30 = 26$

$26 \div 2 = 13$

3)  $16 \times 2 = 32$

4)  $58 - 10 = 48$

$48 \div 2 = 24$

5)  $16 \times 10 = 160$

$200 - 160 = 40$

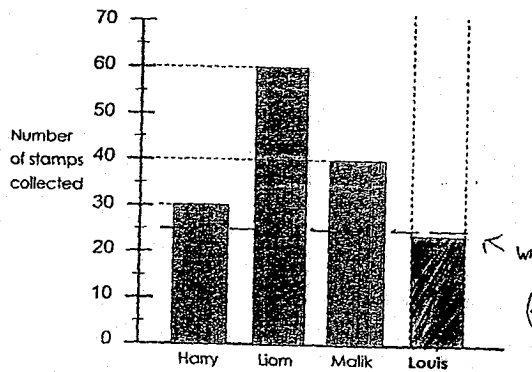
$$40 \div 5 = 8$$

$$6) 132 \div 6 = 22$$

$$22 \times 2 = 44 \text{ m}$$

7) a)

7. The graph below shows the number of stamps collected by some boys.



b) Liam    c) 15

$$8) 8 - 1 = 7$$

$$112 \div 7 = 16$$

$$5 - 1 = 4$$

$$16 \times 4 = 64 \text{ m}$$

$$9) \text{ a) } 48 \div 4 = 12 \text{ m}$$

$$\text{ b) } 12 \text{ m} \div 4 = 3 \text{ m}$$

$$3 \text{ m} + 3 \text{ m} + 12 \text{ m} + 12 \text{ m} = 30 \text{ m}$$

10) a) 9, 17

b) Draw and colour the Figure 5 in the square grid below.

