



## 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



**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. 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)  $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$
- (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?

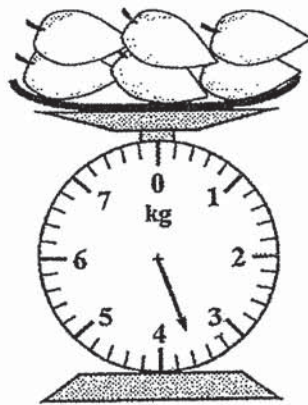
(1)  $\frac{2}{12}$

(2)  $\frac{10}{12}$

(3)  $\frac{3}{8}$

(4)  $\frac{5}{8}$

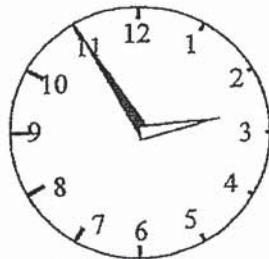
5. The diagram shows some mangoes which are placed on a weighing scale.



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

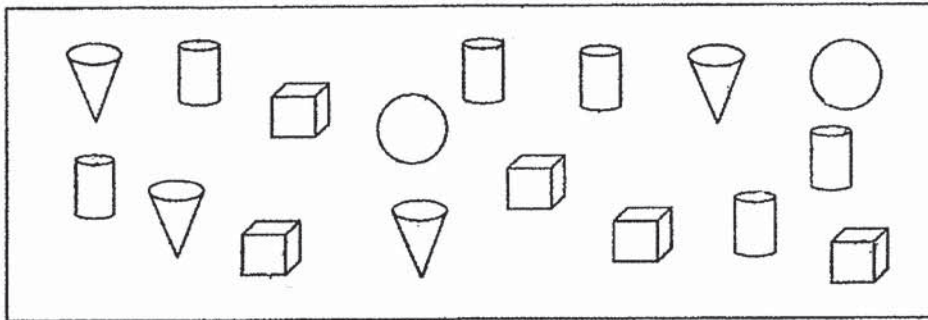
Which container has the greatest capacity?

- (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?

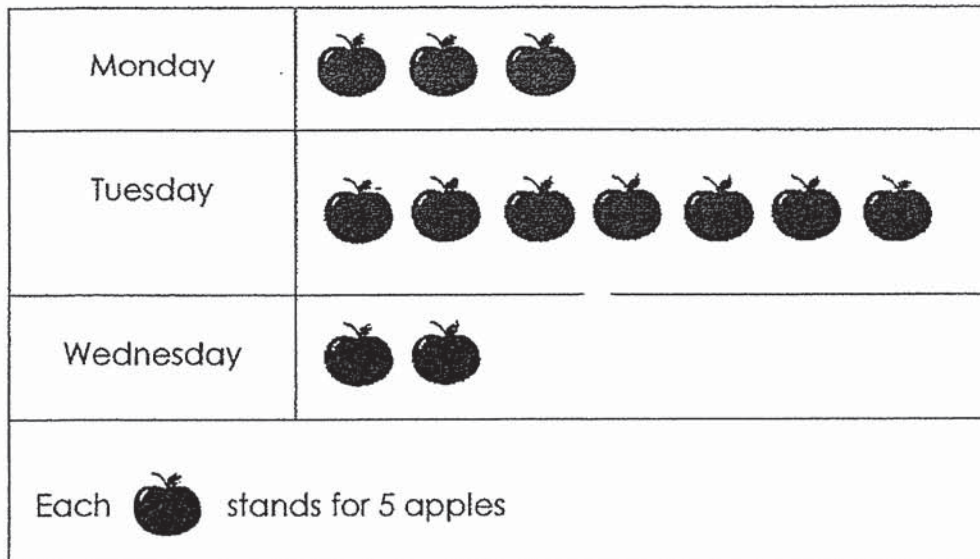
- (1) \$3.50  
(2) \$6.50  
(3) \$7.50  
(4) \$8.20

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**

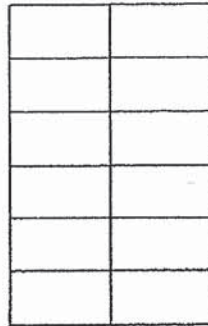
**Short Answer Questions**

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)

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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?



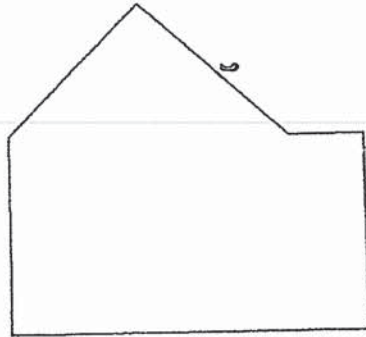
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15. A jug contained 1ℓ of mango juice. Devi used some of it to serve her guests. 80 ml of mango juice was left in the jug.  
How much mango juice did Devi use? (Give your answer in millilitres.)

 ml

- 
16. A notebook and a pen cost \$8.  
The notebook and 2 pens cost \$11.  
Find the cost of the notebook.

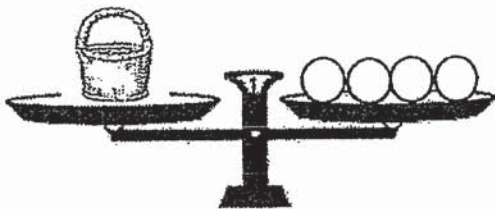
 \$

17. How many right angles are there in the figure below?



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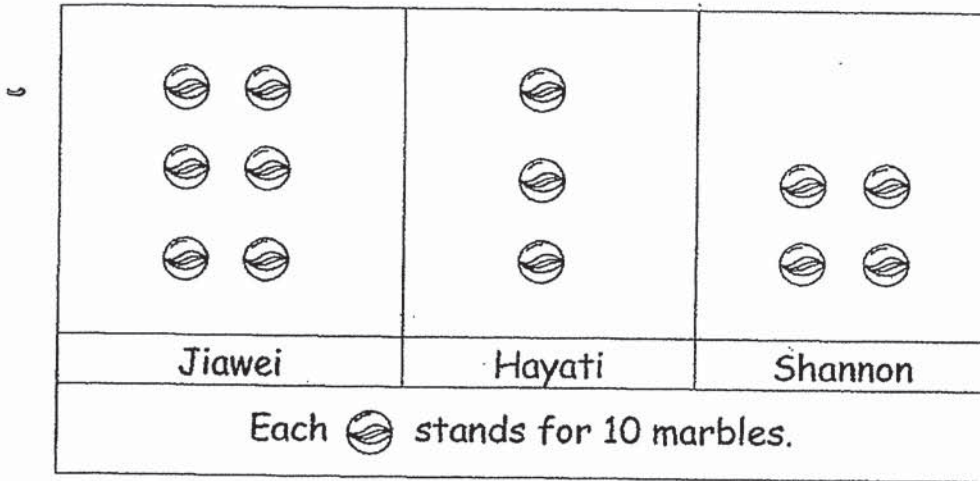
18. Study the diagram below carefully.  
Which is heavier, a rubber ball or an eraser?



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The graph shows the number of marbles each child had.  
Study it carefully and answer Questions 19 and 20.

Number of marbles



19. Who had the most number of marbles?

20. How many more marbles did Jiawei have than Shannon?

End of Paper 1



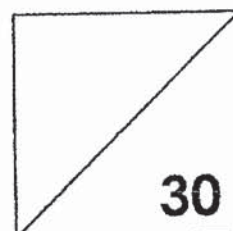
## 2019 PRIMARY 3 SEMESTRAL ASSESSMENT 2

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.

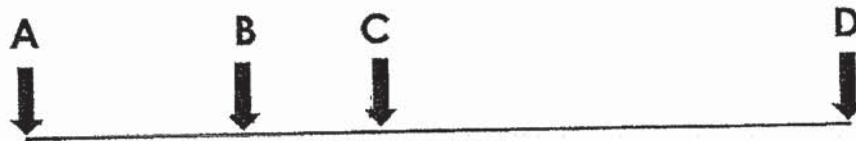
Ans: \_\_\_\_\_

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.

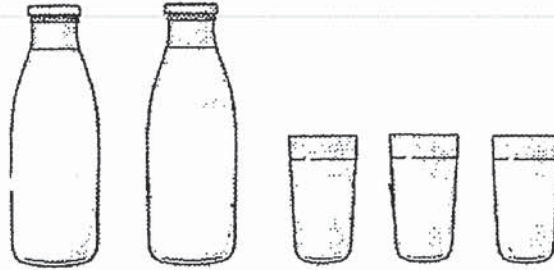
Find the length of one side of the square.



The length of one side of the square is \_\_\_\_\_.

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

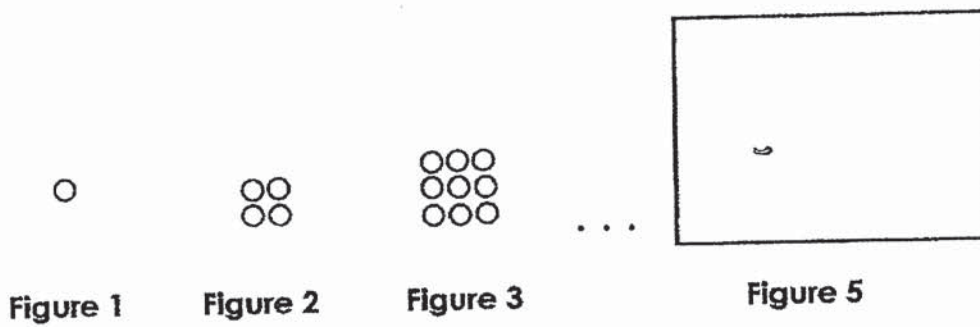
9. The capacity of 2 bottles and 3 cups is 990 ml.  
The capacity of a bottle is thrice of a cup.  
What is the capacity of a bottle?



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**



SCHOOL : TAO NAN PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA2

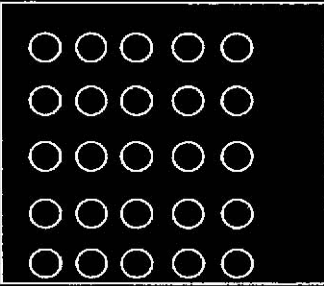
BOOKLET A

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
Q)	$60 - 40 = 20$

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 cup = 110ml 1 bottle = 110ml x 3 = 330ml
Q10)	a)  b)9