



## **2020 PRIMARY 3 – SEMESTRAL ASSESSMENT 2**

Name: \_\_\_\_\_ (    )      Date: 29 October 2020

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).

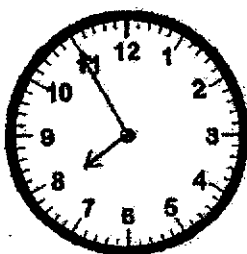
**Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.** (10 marks)

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1. In 2385, the digit 2 is in the \_\_\_\_\_ place.

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

2. A train left Station A at the time shown below.



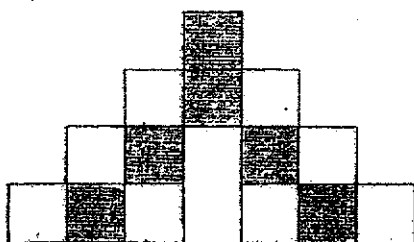
It travelled 20 min before it reached Station B.  
What time did the train reach Station B?

- (1) 5 minutes to 8
- (2) 5 minutes to 9
- (3) 15 minutes past 7
- (4) 15 minutes past 8

3. Which of the following is **not** the equivalent fraction of  $\frac{2}{3}$ ?

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

4. What fraction of the figure is **not** shaded?



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

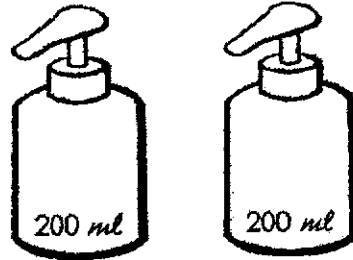
5. Ali has two \$10 notes.  
 How many 50 ¢ coins can he exchange for with the two \$10 notes?

- (1) 10  
 (2) 20  
 (3) 40  
 (4) 50

6. What digit does ☆ represent?

$$\begin{array}{r} 4397 \\ - 2\star38 \\ \hline 18\star9 \end{array}$$

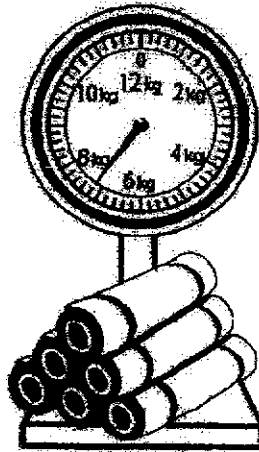
- (1) 5  
(2) 6  
(3) 3  
(4) 4
7. Half a container can fill two bottles of hand sanitiser.



What is the capacity of the container?

- (1) 100 ml  
(2) 200 ml  
(3) 400 ml  
(4) 800 ml

8. The diagram below shows some mats which are placed on a weighing scale.



What is the mass of the mats?

- (1) 7200 g  
 (2) 6600 g  
 (3) 720 g  
 (4) 660 g
9. Which one of the following figures below contains only 1 pair of parallel lines?

(1)



(2)



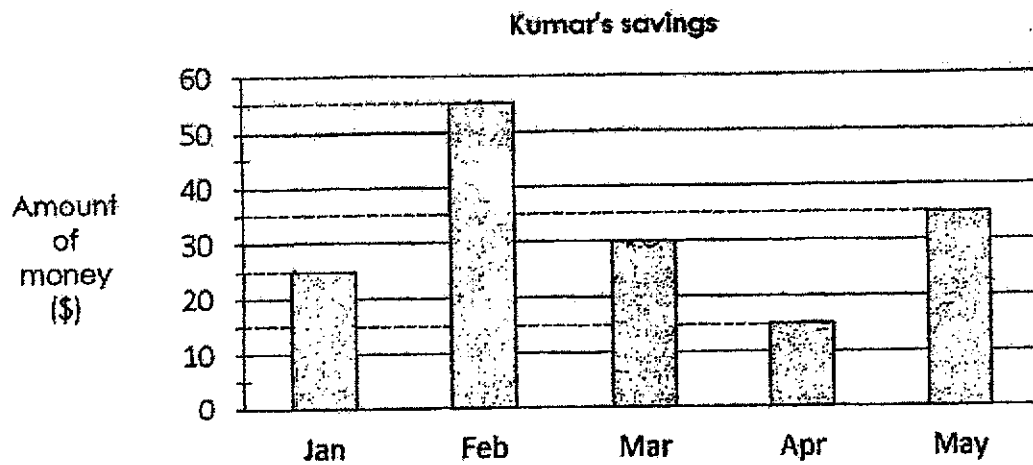
(3)



(4)



10. The bar graph below shows Kumar's savings from January to May.



How much more money did Kumar save in February than in May?

- (1) \$20
- (2) \$35
- (3) \$55
- (4) \$90

**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. 8 groups of 3 is \_\_\_\_\_ tens less than 6 groups of 9.

---

12. What is the **smallest 4-digit even** number that can be formed with the digits **9, 0, 1** and **4**?

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13. What is the missing number in the box?

		7	3	R	4	
7						

You may use this space for your working.


--

14. Arrange the fractions below from the greatest to the smallest.

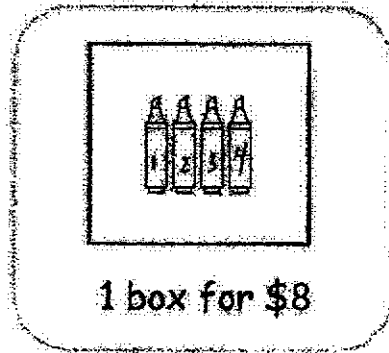
$$\frac{5}{10}$$

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

$$\frac{4}{6}$$

_____	_____	_____
greatest		

15.

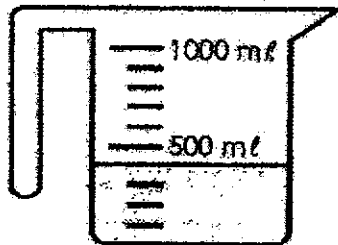


Highlighters are sold in boxes of 4.

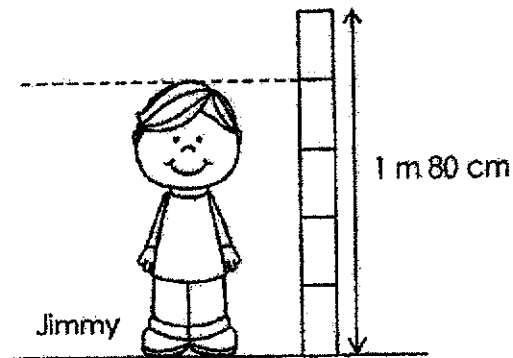
Raju has \$30.

What is the maximum number of highlighters he can buy?

16. Fatimah has some water in a jug. She needs 750 *ml* of water.  
How much more water does she need?


 *ml*

17. What is Jimmy's height?  
Give your answer in centimetres.



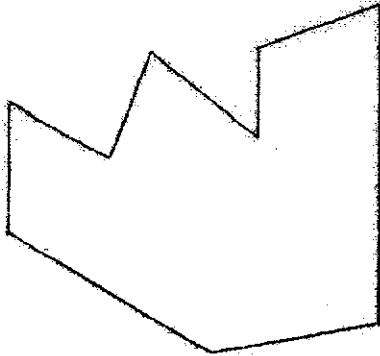
cm

18. Ben started building sandcastles at 7.30 a.m.  
He stopped at 12.05 p.m.  
How long did Ben spend building sandcastles?  
(You may use the timeline below.)



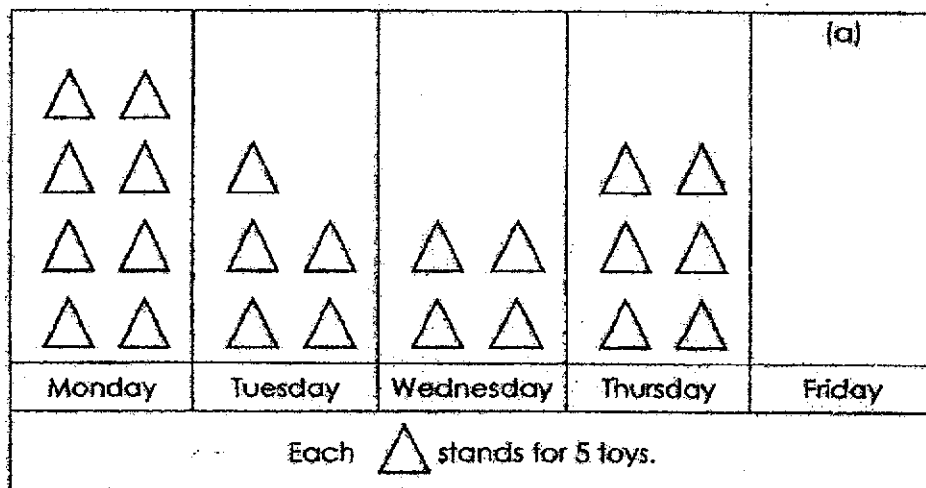
\_\_\_\_ h \_\_\_\_ min

19. How many of the angles in this figure are greater than a right angle?




20. The picture graph below shows the number of toys sold from Monday to Friday.

Sales of Toys



- (a) Ten toys were sold on Friday.  
Draw and complete the picture graph.
- (b) On which day was the number of toys sold 4 times as many as the number of toys sold on Friday?

End of Paper 1



## **2020 PRIMARY 3 – SEMESTRAL ASSESSMENT 2**

Name: \_\_\_\_\_ (   )      Date: 29 October 2020

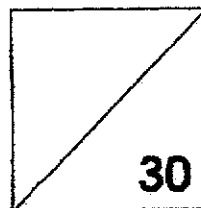
Class: Primary 3 (   )

Time: 11 a.m. – 12 noon

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. There are 3540 men at the stadium.  
There are 320 more women than men.  
How many adults are there altogether?

There are \_\_\_\_\_ adults altogether.

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

2. Ann is 11 years old. Her sister is 5 years younger.  
How old will Ann be when the sum of their age is 35?

Ann will be \_\_\_\_\_ when the sum of their age is 35.

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

3. Sifi made a cake to share with her friends.  
She gave  $\frac{5}{12}$  of the cake to Rani and  $\frac{1}{4}$  of the cake to Tom.  
What fraction of the cake did Sifi keep for herself?  
*Express your answer in the simplest form.*

--	--	--	--	--	--	--	--	--	--	--	--

Sifi kept \_\_\_\_\_ of the cake for herself.

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

4. Mother paid \$63 for 2 boxes of masks and 3 thermometers.  
A box of masks costs 3 times as much as a thermometer.  
Find the total cost of 1 box of masks and 1 thermometer.

The total cost of 1 box of masks and 1 thermometer is \_\_\_\_\_

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



5. Henry bought 2 l of apple juice.  
He poured some of the apple juice into three 225 ml cups.  
How much apple juice did Henry have left?  
Express your answer in litres and millilitres.

Henry had \_\_\_\_\_ of apple juice left.

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

6. Peter went to watch a musical.  
At 5.30 p.m., he was halfway through the musical.  
The musical ended at 7.15 p.m. What time did the musical start?  
(You may use the timeline below.)

|\_\_\_\_\_

The musical started at \_\_\_\_\_

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

7. Ali and Sufen had a total of \$200.  
Then Ali gave Sufen \$40 and they had the same amount of money.  
How much did each of them have at first?

Sufen had \_\_\_\_\_ at first.

Ali had \_\_\_\_\_ at first.

Ans: Sufen - \_\_\_\_\_

Ali - \_\_\_\_\_

8. In a market, customers are to queue along a line that is 16 m long.  
The distance between two customers is 2 m.  
How many customers can queue from the start to the end of the line?

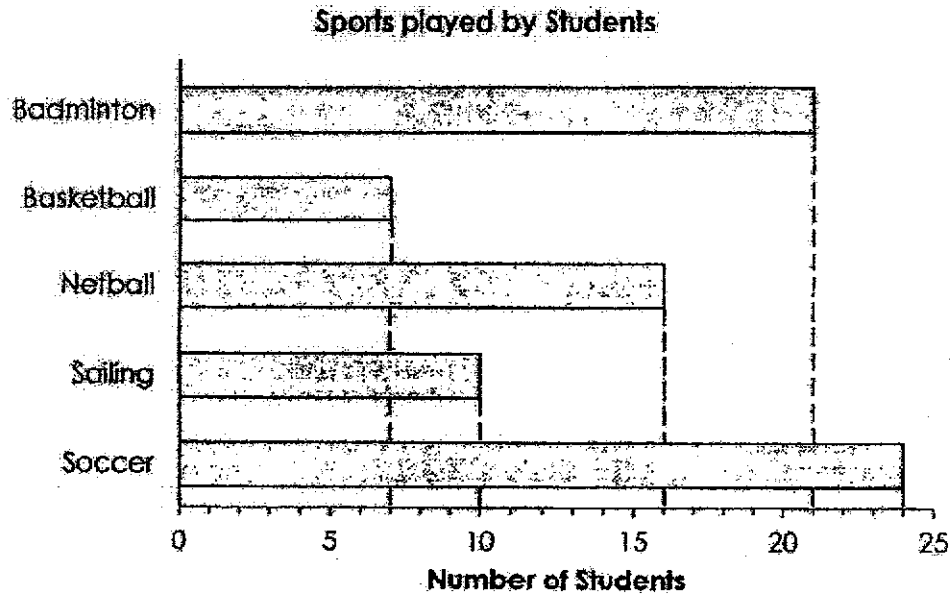
customer



\_\_\_\_\_ customers can queue from the start to the end of the line.

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

9. The bar graph below shows some students taking part in different sports in a school. Study the graph carefully and answer the questions.



- (a) How many fewer students play netball than soccer?

There are \_\_\_\_\_ fewer students playing netball than soccer.

- (b) Which sports has 3 times as many students as basketball?

\_\_\_\_\_ has 3 times as many students as basketball.

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

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

10. Study the pattern.



Figure 1



Figure 2

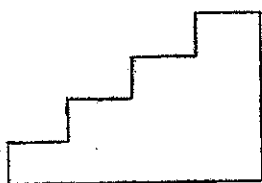


Figure 3

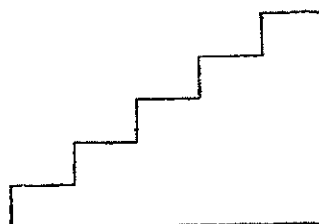


Figure 4

(a) Complete the table.

Figure	Number of right angles in the figure
1	5
2	6
3	7
4	
5	

(b) How many right angles are there in Figure 10?

There are \_\_\_\_\_ right angles in Figure 10.

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

End of Paper 2



## ANSWER KEY

**YEAR : 2020**

**LEVEL : PRIMARY 3**

**SCHOOL ; TAO NAN SACHOOL**

**SUBJECT: MATHEMATICS**

**TERM: SA2**

### BOOKLET A

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

### BOOKLET B

Q11. 3

Q12. 1094

Q13. 515

Q14.  $\frac{4}{6}, \frac{5}{10}, \frac{1}{3}$

Q15. 12

Q16. 350ml

Q17. 144cm

Q18. 4h 35 mins.

Q19. 6

Q20.(B) Monday

(9)  $\triangle \triangle$

## ANSWER KEY

**YEAR** : 2020  
**LEVEL** : PRIMARY 3  
**SCHOOL** : TAO NAN  
**SUBJECT** : MATHEMATICS  
**TERM** : SA2

Q1	$3540 + 320 = 3860$ $3860 + 3540 = 7400$												
Q2	$15 + 5 = 20$ years old												
Q3	$\frac{4}{12} = \frac{2}{6} = \frac{1}{3}$												
Q4	$63 \div 9 = 7$ $7 \times 4 = \$28$												
Q5	$225 \times 3 = 675$ $2000 - 675 = 1325$ Henry had 1L 325 ml of apple juice left.												
Q6	The music started at 3.45pm												
Q7	$200 - 40 - 40 = 120$ $120 \div 2 = 60$ Sufen had \$60 at first. Ali had \$140 at first.												
Q8	$8 + 1 = 9$												
Q9	a) $24 - 16 = 8$ b) Badminton												
Q10	a) <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Figure</th><th>Number of right angles in the figure</th></tr> </thead> <tbody> <tr><td>1</td><td>5</td></tr> <tr><td>2</td><td>6</td></tr> <tr><td>3</td><td>7</td></tr> <tr><td>4</td><td>8</td></tr> <tr><td>5</td><td>9</td></tr> </tbody> </table> b) There are 14 right angles in Figure 10.	Figure	Number of right angles in the figure	1	5	2	6	3	7	4	8	5	9
Figure	Number of right angles in the figure												
1	5												
2	6												
3	7												
4	8												
5	9												