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

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Paper 1 Booklet A

Multiple Choice Questions

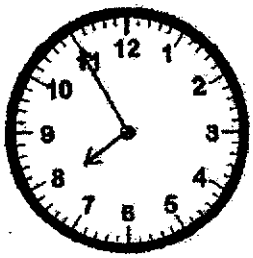
Questions 1 to 10 carry 1 mark each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4).
Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (10 marks)

---

1. In 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

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

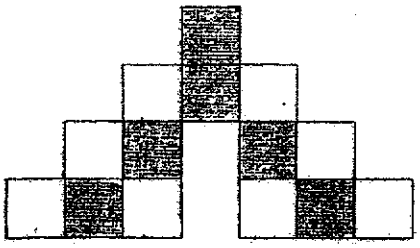
(1) $\frac{4}{6}$

(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

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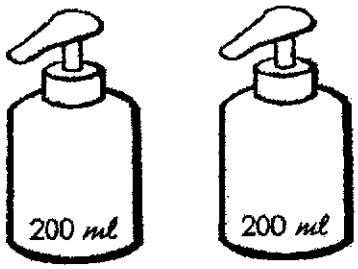
6. What digit does ☆ represent?

$$\begin{array}{r} 4\,3\,9\,7 \\ -\ 2\,\bigstar\,3\,8 \\ \hline 1\,8\,\bigstar\,9 \end{array}$$

(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*

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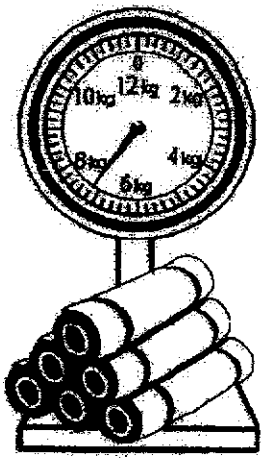
8. The diagram below shows some mats which are placed on a weighing scale.



What is the mass of the mats?

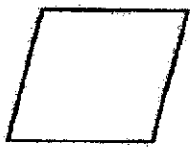
(1) 7200 g

(2) 6600 g

(3) 720 g

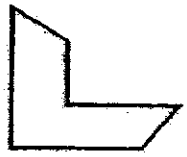
(4) 660 g

9. Which one of the following figures below contains only 1 pair of parallel lines?

(1) 

(2)

(3)

(4) 

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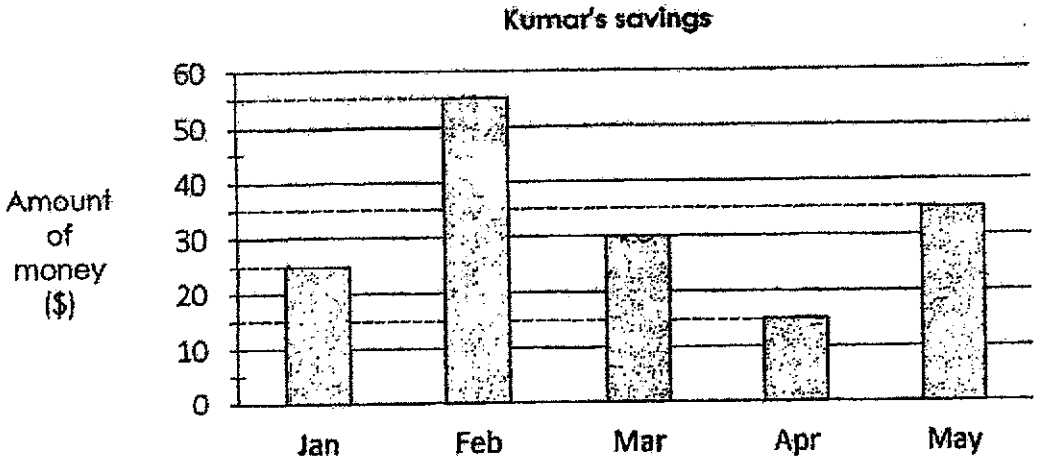
10. The bar graph below shows Kumar's savings from January to May.



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

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

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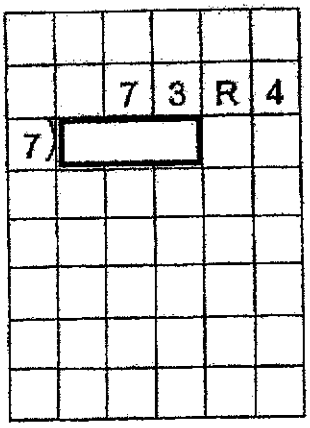
13. What is the missing number in the box?



You may use this space for your working.

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

$$\frac{5}{10} \qquad \frac{1}{3} \qquad \frac{4}{6}$$

_____, _____, _____
greatest

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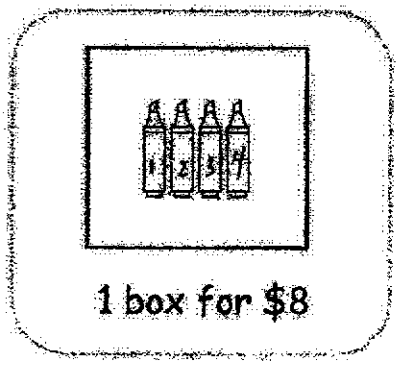
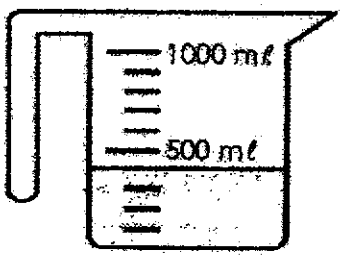
15.



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

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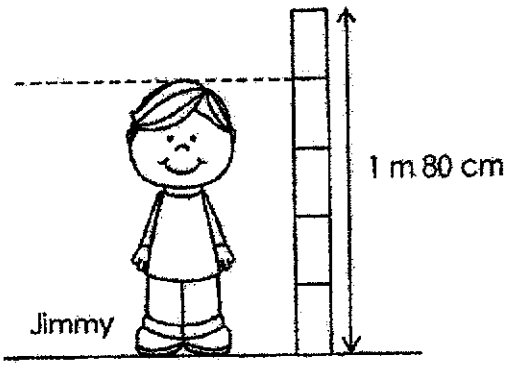
17. What is Jimmy's height?
Give your answer in centimetres.



_____ 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

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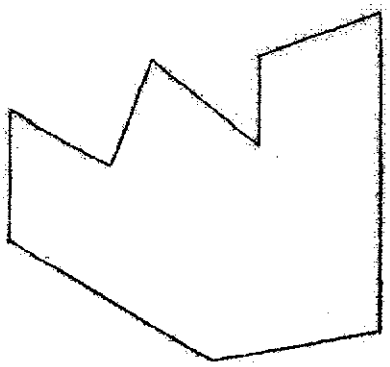
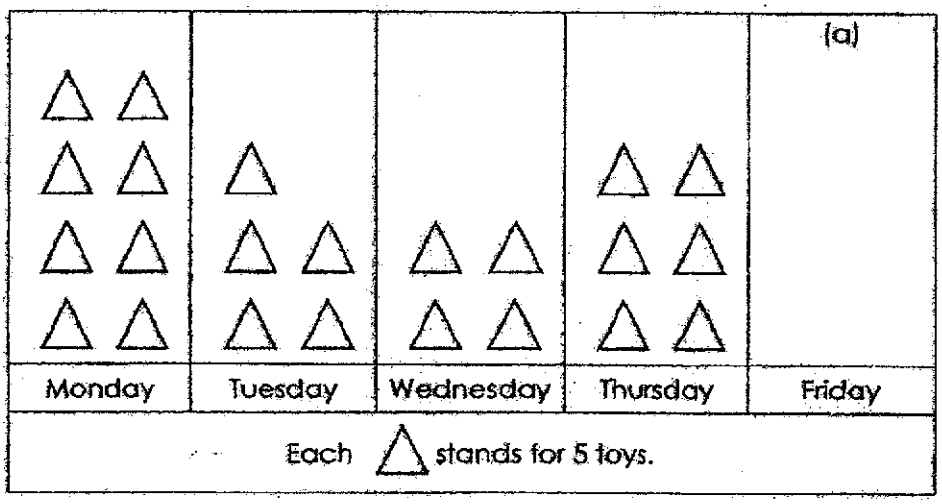
19. How many of the angles in this figure are greater than a right angle?



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

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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

30

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.

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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: _____

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3. Siti 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 Siti keep for herself?

Express your answer in the simplest form.

Siti 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: _____

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5. Henry bought 2 ℓ of apple juice.
He poured some of the apple juice into three 225 $m\ell$ 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: _____

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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 - _____

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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: _____

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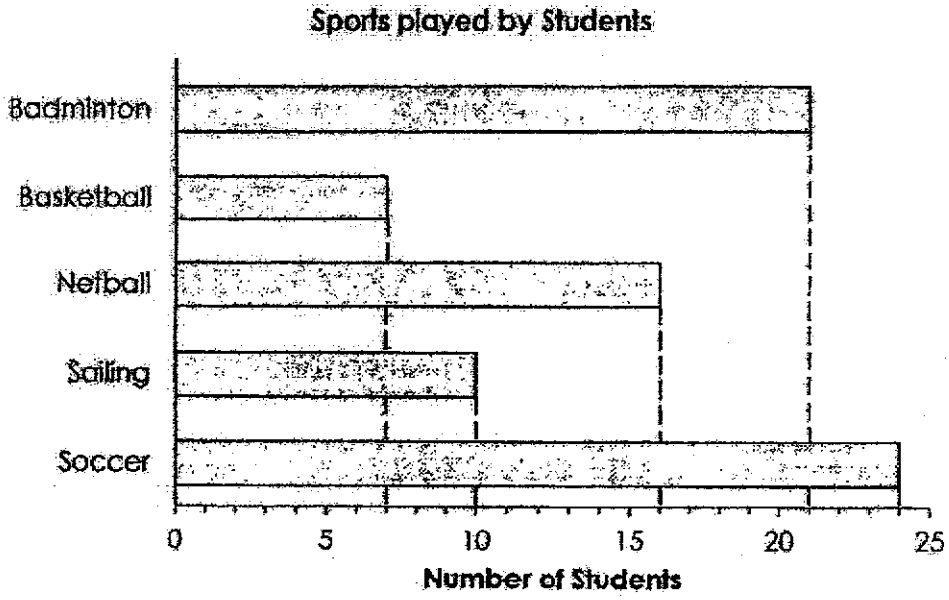
9. The bar graph below shows some students taking part in different sports in a school. Study the graph carefully and answer the questions.



(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) _____

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10. Study the pattern.

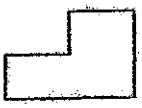

Figure 1

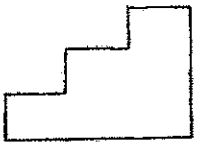

Figure 2

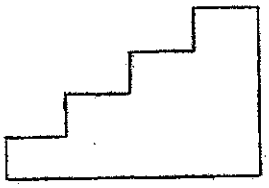

Figure 3

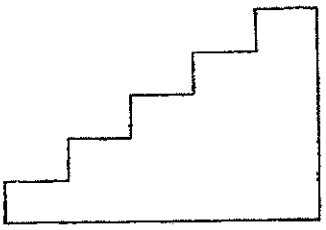

Figure 4

(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

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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) △ △

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ANSWER KEY

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

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

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