



**AI TONG SCHOOL**  
**2025**  
**END-OF-YEAR EXAMINATION**  
**PRIMARY 3**  
**MATHEMATICS**

**DURATION : 1 h 15 min**

**DATE : 30<sup>th</sup> OCTOBER 2025**

**INSTRUCTIONS**

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

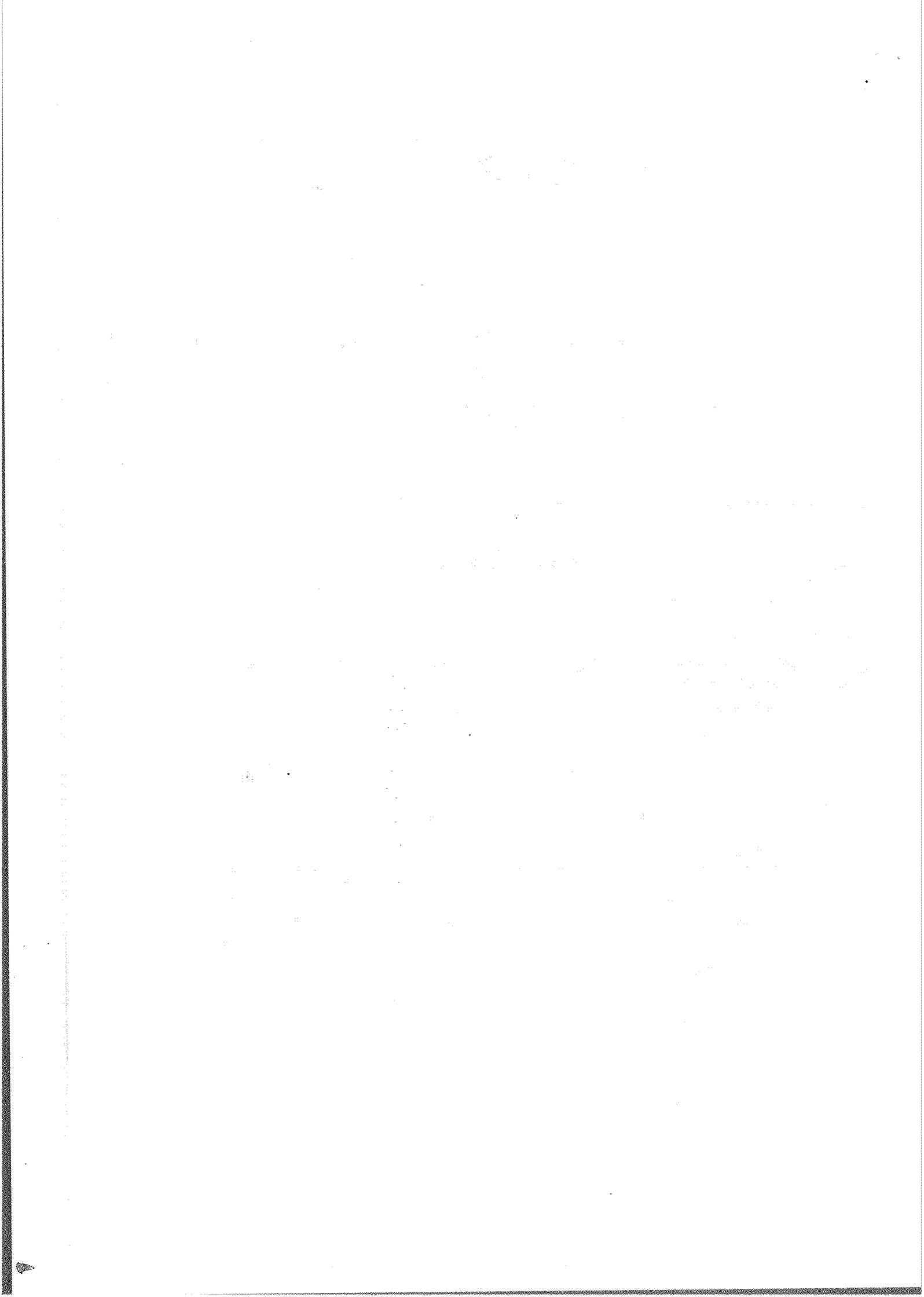
**Name: \_\_\_\_\_ ( )**

**Class: Primary 3 \_\_\_\_\_**

|                             |       |
|-----------------------------|-------|
| <b>Parent's Signature</b> : | _____ |
| <b>Date</b> :               | _____ |

**Marks :**

|                  |           |
|------------------|-----------|
| <b>Section A</b> | <b>16</b> |
| <b>Section B</b> | <b>18</b> |
| <b>Section C</b> | <b>16</b> |
| <b>Total</b>     | <b>50</b> |



**Section A**

Questions 1 to 4 carry 1 mark each. Questions 5 to 10 carry 2 marks each  
For each question, four options are given. One of them is the correct answer.  
Shade your choice (1, 2, 3 or 4) in the OAS.

(16 marks)

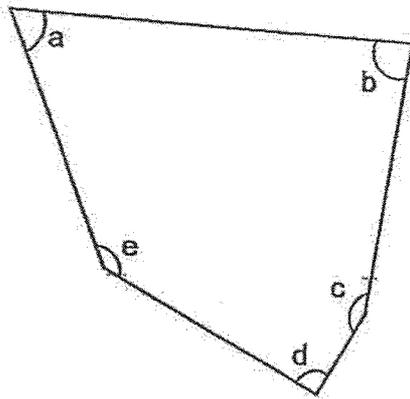
1 In which of the following numbers is the digit 8 in the ones place?

- (1) 9840
- (2) 8094
- (3) 4908
- (4) 4089

2 What is the value of 5 thousands, 3 tens and 4 ones?

- (1) 5034
- (2) 5043
- (3) 5304
- (4) 5340

3 Which of the angles in the figure are acute angles?



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

4 Which of the following is the smallest fraction?

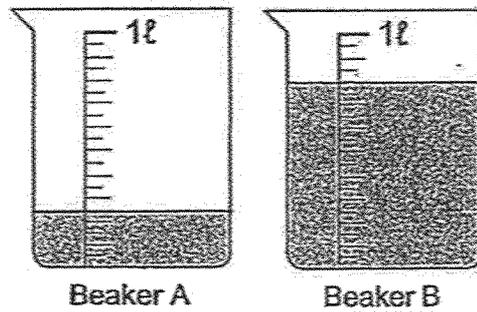
(1)  $\frac{5}{9}$

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

(3)  $\frac{5}{7}$

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

5 What is the total volume of water in the beakers shown?



(1) 250 ml

(2) 800 ml

(3) 1000 ml

(4) 1050 ml

6 How many minutes are there in 2 h 25 min?

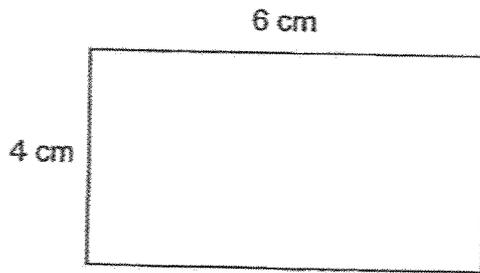
(1) 27 min

(2) 85 min

(3) 145 min

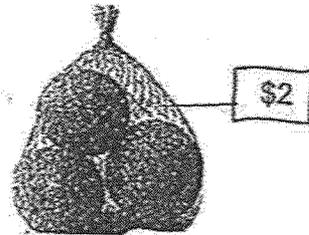
(4) 225 min

- 7 The length of the rectangle shown below is 6 cm and the breadth is 4 cm. What is the perimeter of the rectangle?



- (1) 24 cm  
(2) 20 cm  
(3) 12 cm  
(4) 10 cm
- 8 Which of the following is not a possible remainder when a number is divided by 8?
- (1) 9  
(2) 7  
(3) 3  
(4) 5
- 9 Each bag of 3 oranges is sold for \$2. How much must Mrs Tan pay to buy 24 oranges?

- (1) \$6  
(2) \$8  
(3) \$16  
(4) \$48



10 What is the value of  $\frac{5}{9} - \frac{1}{3}$  ?

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

(2)  $\frac{6}{9}$

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

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

**Section B**

Questions 11 to 14 carry 1 mark each. Questions 15 to 21 carry 2 marks each.  
Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (18 marks)

---

11 Write three thousand and fifteen in numerals.

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

---

12 Find the value of  $102 \div 6$ .

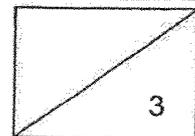
Ans: \_\_\_\_\_

---

13 Find the value of  $1078 - 156$ .

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

---

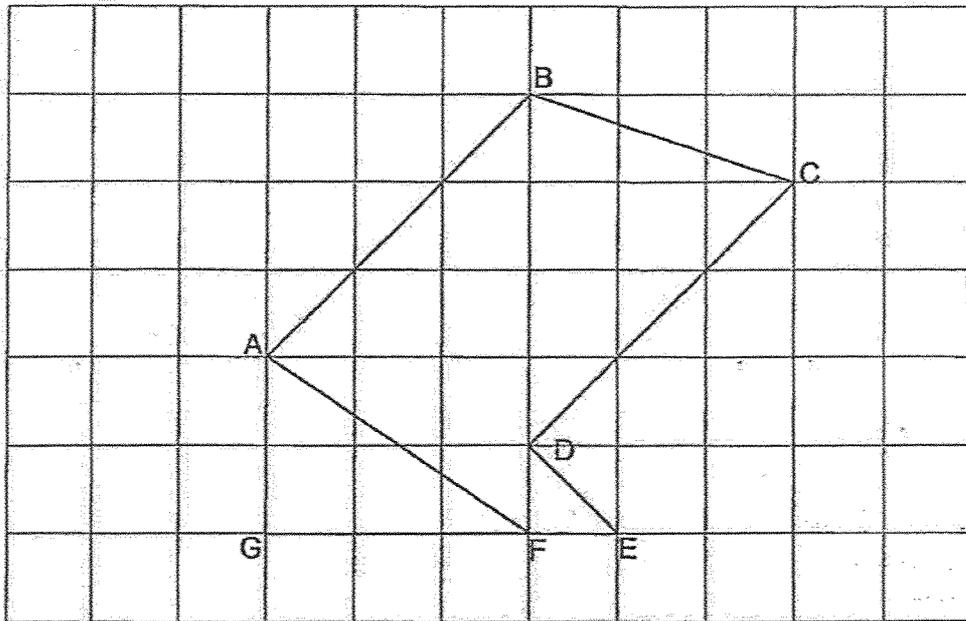


14 Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{2}, \quad \frac{2}{3}, \quad \frac{3}{7}$$

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(greatest)

15 Look at the figure below.



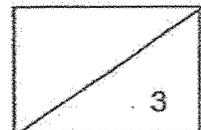
Identify and name

a) a pair of perpendicular lines.

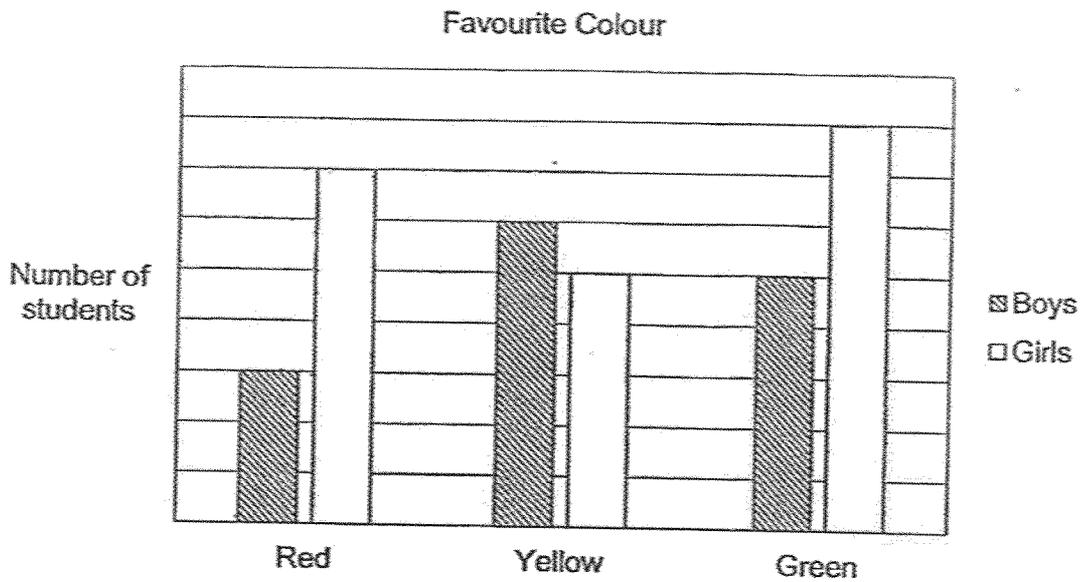
Ans: (a) \_\_\_\_\_  $\perp$  \_\_\_\_\_

b) a pair of parallel lines.

Ans: (b) \_\_\_\_\_  $\parallel$  \_\_\_\_\_



- 16 The bar graph shows the number of students who chose their favourite colour.

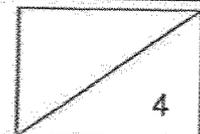


48 more girls than boys chose red. How many more boys than girls chose yellow as their favourite colour?

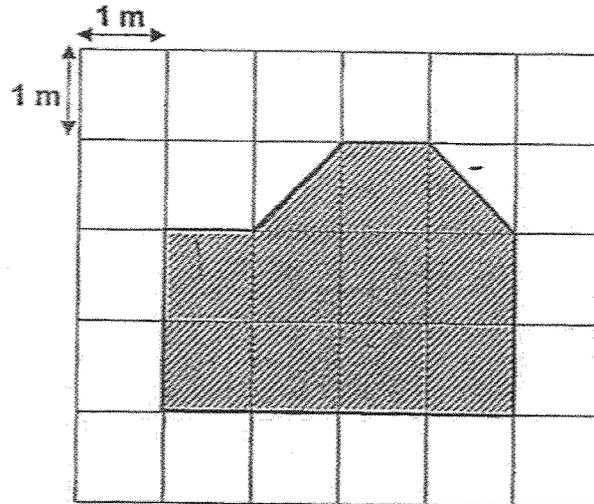
Ans: \_\_\_\_\_

- 17 Mrs Lim sold 1234 pears in the morning. She sold 342 fewer pears in the afternoon. How many pears did she sell altogether?

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



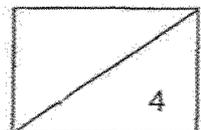
- 18 The figure is made up of 1-m squares. Find the area of the figure shown below.



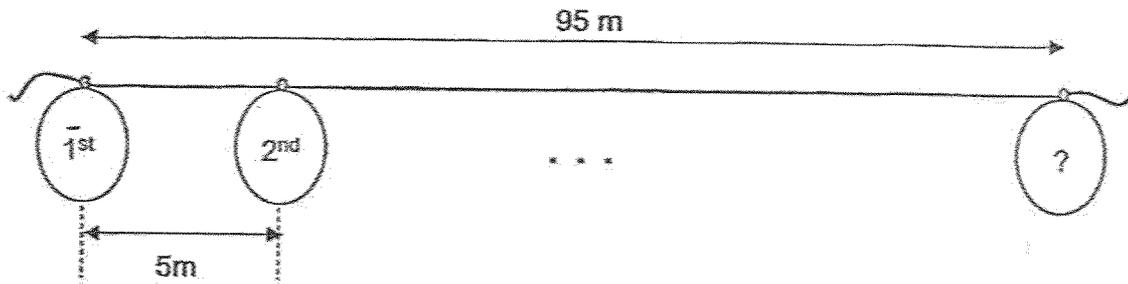
Ans: \_\_\_\_\_ m<sup>2</sup>

- 19 A show started at 17 25. It lasted for 1 h 45 min. At what time did the show end?  
Write your answer in 24-h clock.

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

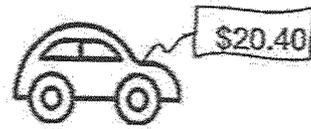


- 20 Balloons are tied on a string along a corridor. The distance between the first balloon and the last balloon is 95 m. The distance between every two balloons is 5 m. How many balloons are there?

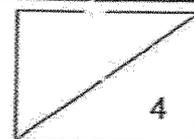


Ans: \_\_\_\_\_

- 21 Kumar bought a toy car and a teddy bear. He gave the cashier \$50 and received a change of 85¢. The toy car cost \$20.40. How much did the teddy bear cost?



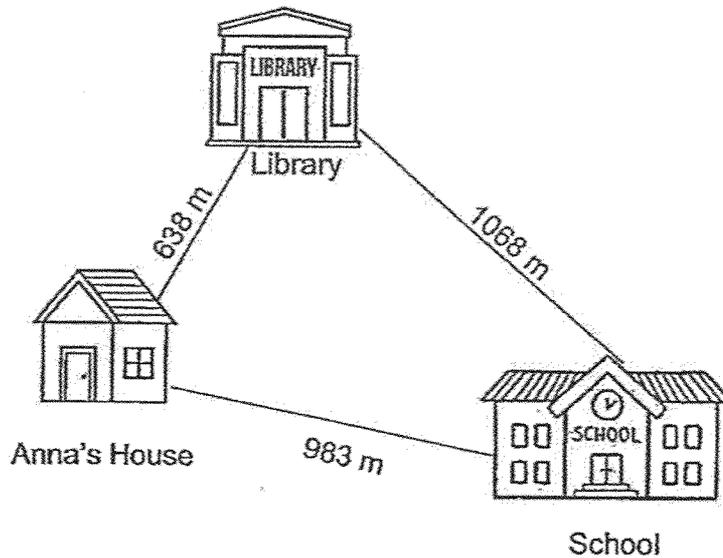
Ans: \$ \_\_\_\_\_



**Section C**

Show your working clearly in the space provided below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (16 marks)

22 Study the map and answer the following questions.

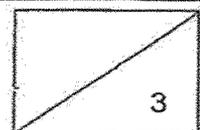


(a) What is the distance from the library to the school in km and m?

Ans: (a) \_\_\_\_\_ km \_\_\_\_\_ m [1]

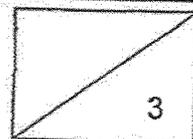
(b) Anna walked from the school to the library. Then she walked to her house from the library. What was the total distance Anna walked?

Ans: (b) \_\_\_\_\_ m [2]



- 23 Ali has twice as many marbles as Betty. Carl has 3 times as many marbles as Ali. The total number of marbles the three children have is 774. How many marbles does Ali have?

Ans: \_\_\_\_\_ [3]



- 24 Kate used 3 identical rectangles to form a pattern as shown in Figure 1. The length of each rectangle is 6 cm. She drew the pattern 8 times to fill up a piece of paper completely. Parts of the pattern are shown in Figure 2.



Figure 1

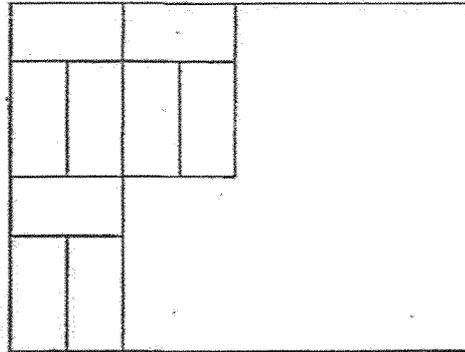
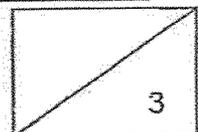


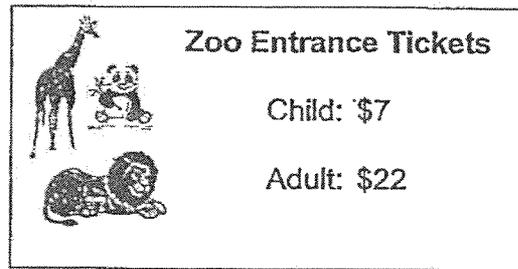
Figure 2

What is the area of the paper?

Ans: \_\_\_\_\_ cm<sup>2</sup> [3]



25 The diagram shows the prices of Zoo entrance tickets.

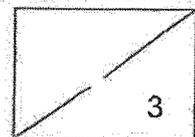


(a) How much do 1 child and 1 adult ticket cost altogether?

Ans: (a) \$ \_\_\_\_\_ [1]

(b) Some children went to the zoo. They paid a total of \$126 for their tickets. How many children went to the zoo?

Ans: (b) \_\_\_\_\_ [2]



- 26 Mrs Tan baked an equal number of cupcakes and muffins.  
90 cupcakes and 54 muffins were sold.  
The number of muffins then became twice the number of cupcakes.

(a) How many cupcakes and muffins were unsold?

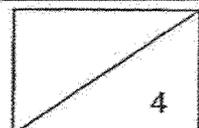
Ans: (a) \_\_\_\_\_ [2]

(b) How many cupcakes and muffins were baked?

Ans: (b) \_\_\_\_\_ [2]

---

End of Paper  
Please check your work carefully!



YEAR : 2025  
 LEVEL : PRIMARY 3  
 SCHOOL : AI TONG SCHOOL  
 SUBJECT : MATHEMATICS  
 TERM : END OF YEAR EXAMINATION

(BOOKLET A)

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

(BOOKLET B)

|     |                                    |     |                                                   |
|-----|------------------------------------|-----|---------------------------------------------------|
| Q11 | 3 015                              | Q12 | $102 \div 6 = 17$                                 |
| Q13 | $1\ 078 - 156 = 922$               | Q14 | $\begin{array}{r} 2\ 1\ 3 \\ 3\ 2\ 7 \end{array}$ |
| Q15 | a) AG $\perp$ GE                   | Q16 | $48 \div 4 = 12$                                  |
|     | b) AB // CD                        |     |                                                   |
| Q17 | $1\ 234 - 342 = 892$               | Q18 | $10\text{m}^2$                                    |
|     | $1\ 234 + 892 = 2\ 126$            |     |                                                   |
| Q19 | 17 25 ( 45min ) 18 10 ( 1h ) 19 10 | Q20 | $19 + 1 = 20$                                     |
| Q21 | $50 - 0.85 = 49.15$                |     |                                                   |
|     | $49.15 - 20.40 = \$28.75$          |     |                                                   |

PAPER 2

|     |                                                                |     |                      |
|-----|----------------------------------------------------------------|-----|----------------------|
| Q22 | a) 1km 68m                                                     | Q23 | $774 \div 9 = 86$    |
|     | b) $1\ 068\text{m} + 638\text{m} = 1\ 706\text{m}$             |     | $86 \times 2 = 172$  |
| Q24 | Figure = $6 \times 9 = 54$<br>$= 54 \times 8 = 432\text{cm}^2$ | Q25 | a) $22 + 7 = \$29$   |
|     |                                                                |     | b) $126 \div 7 = 18$ |
| Q26 | a) $1u = 90 - 54 = 36$<br>$3u = 108$                           |     |                      |
|     | b) $108 + 90 + 54 = 252$                                       |     |                      |