

**RAFFLES GIRLS' PRIMARY SCHOOL**  
**END YEAR EXAMINATION 2024**  
**MATHEMATICS**  
**PRIMARY 3**

Name: \_\_\_\_\_ (     ) Class: P3 \_\_\_\_\_

Date: 22 October 2024

Duration: 1 h 30 min

Your Score	
Section A (15 marks)	
Section B (15 marks)	
Section C (20 marks)	
<b>Overall (Out of 50 marks)</b>	
Parent's Signature	

**INSTRUCTIONS TO CANDIDATES**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.

**SECTION A (15 marks)**

Questions 1 to 5 carry 1 mark each. Questions 6 to 10 carry 2 marks each.  
For each question, four options are given. One of them is the correct answer.  
Make your choice (1, 2, 3 or 4) and shade your answer (1, 2, 3 or 4) on the  
Optical Answer Sheet.

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1. The value of the digit 8 in 8241 is \_\_\_\_\_.

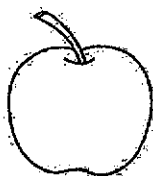
- (1) 8
- (2) 80
- (3) 800
- (4) 8000

2. What is the missing number in the box?

$$\frac{8}{12} = \frac{\boxed{\phantom{00}}}{3}$$

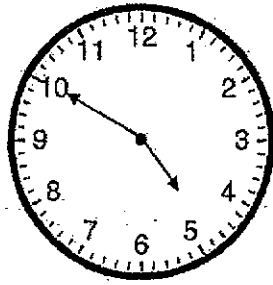
- (1) 1
- (2) 2
- (3) 3
- (4) 4

3. What could be the mass of an apple?

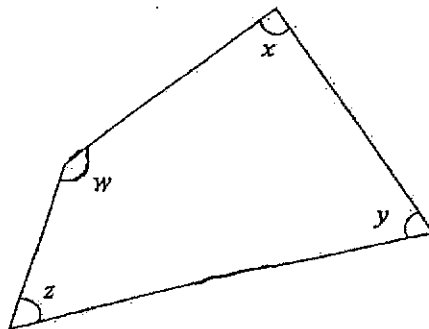


- (1) 10 g
- (2) 10 kg
- (3) 100 g
- (4) 100 kg

4. What is 15 minutes after the time shown on the clock?



- (1) 4.05 pm
  - (2) 4.35 pm
  - (3) 5.35 pm
  - (4) 5.05 pm
5. In the figure, which angle is greater than a right angle?



- (1)  $\angle w$
- (2)  $\angle x$
- (3)  $\angle y$
- (4)  $\angle z$

6. Arrange the following numbers from the smallest to the greatest.

8350	3580	5830
------	------	------

	<u>Smallest</u>		<u>Greatest</u>
(1)	8350	3580	5830
(2)	3580	8350	5830
(3)	3580	5830	8350
(4)	5830	3580	8350

7. Which of the following fractions is the smallest?

- (1)  $\frac{1}{2}$   
 (2)  $\frac{2}{3}$   
 (3)  $\frac{3}{5}$   
 (4)  $\frac{4}{9}$

8. Joan bought the book and the pen. She gave the cashier \$50. How much change did she receive?



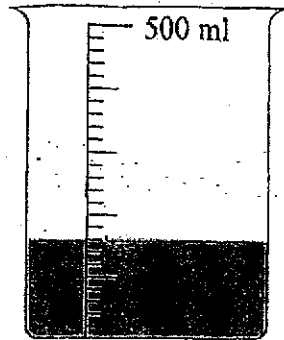
Book  
\$14.80



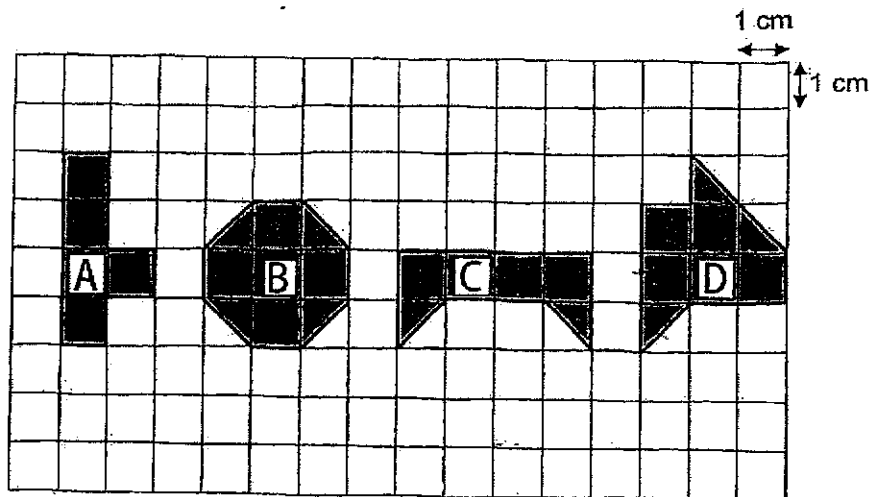
Pen  
\$2.60

- (1) \$17.40  
 (2) \$32.60  
 (3) \$33.40  
 (4) \$35.20

9. How much more water is needed to fill the beaker to 500 ml?



- (1) 130 ml
  - (2) 160 ml
  - (3) 320 ml
  - (4) 340 ml
10. Which two shapes shown in the grid have the same area?



- (1) A and C
- (2) B and D
- (3) A and B
- (4) B and D

**SECTION B (15 marks)**

Questions 11 to 15 carry 1 marks each. Questions 16 to 20 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the unit stated.

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11. Write eight thousand, five hundred and two in numerals.

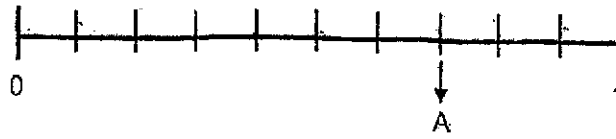
Answer : \_\_\_\_\_

12. What is the missing number in the box?

$$\begin{array}{r}
 21\boxed{\phantom{0}}7 \\
 + 4536 \\
 \hline
 6703
 \end{array}$$

Answer: \_\_\_\_\_

13. What is the fraction represented by A on the number line?

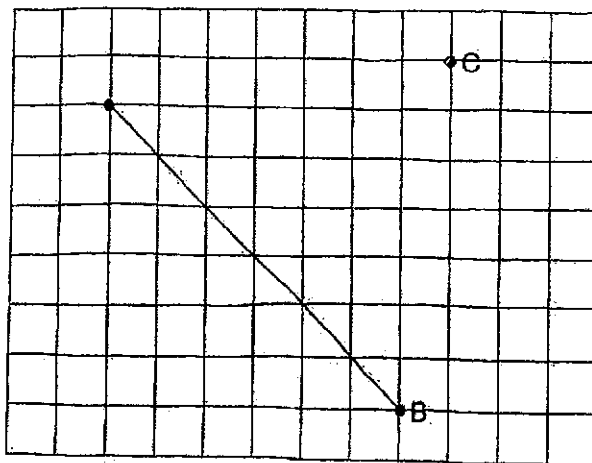


Answer: \_\_\_\_\_

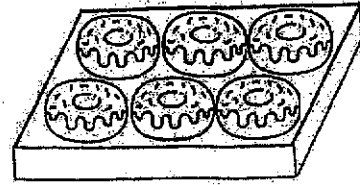
14. Find the sum of  $\frac{1}{4}$  and  $\frac{3}{8}$

Answer: \_\_\_\_\_

15. Draw a line perpendicular to AB passing through point C.



16. There are 6 donuts in a box. Mrs Lee bought 8 boxes.  
How many donuts did she get?



Answer: \_\_\_\_\_

17. Mr Ali had 637 oranges. He packed them into bags of 7 oranges. How many bags of oranges did he pack?

Answer: \_\_\_\_\_

18. Mrs Raja bought 720 g of potatoes. Mrs Tan bought three times as much potatoes as Mrs Raja. How much potatoes did Mrs Tan buy?

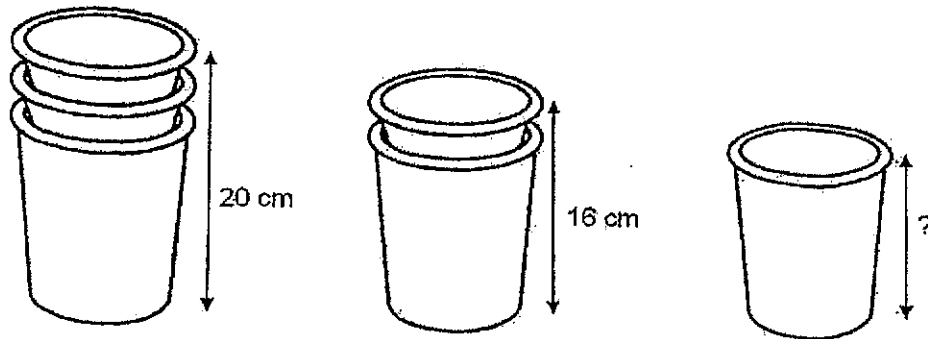
Answer: \_\_\_\_\_ g



19. The perimeter of a square is 36 cm.  
Find the area of the square.

Answer: \_\_\_\_\_  $\text{cm}^2$

20. The height of three stacked paper cups is 20 cm. The height of two stacked paper cups is 16 cm. What is the height of 1 paper cup?



Answer: \_\_\_\_\_ cm

**SECTION C (20 marks)**

For questions 21 to 25, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

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21. There were 4320 adults and 1695 children in a stadium.

(a) How many fewer children than adults were there?

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

(b) There were 840 boys. How many girls were there?

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

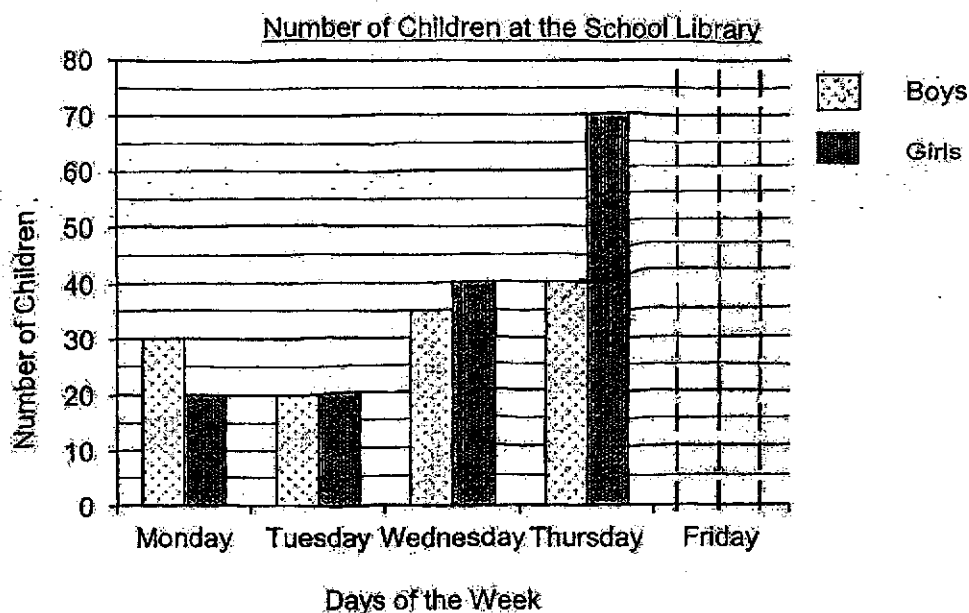
22. The sum of 2 numbers is 86.  
The difference between the 2 number is 14.  
(a) Find the smaller number.

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

- (b) Find the bigger number.

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

23. The bar graph shows the number of children who visited the school library in one week. The number of children who visited the library on Friday is not shown.



The number of children who visited the library on Friday is the same as the total number of children who visited the library on Monday and Tuesday.

- (a) How many children visited the library on Friday?

Answer: (a) \_\_\_\_\_ [1]

- (b) There were equal number of boys and girls who visited the library on Friday. Complete the bar graph for the number of boys and girls for Friday.

[1]

- (c) Write 'T' for true and 'F' for false in the boxes.

[2]

(i)	There were 5 more girls than boys who visited the library on Wednesday.	
(ii)	There were twice as many girls as boys who visited the library on Thursday.	

24. Sarah left her home for the library at 15 40. She took 15 minutes to walk to the bus-stop. She waited for 25 minutes for the bus.  
Use a timeline to help you find your answers.

(a) What time did the bus arrive at the bus-stop?

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

- (b) Sarah reached the library at 16 45. She left the library at 18 30. How long was Sarah at the library?

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

25. Irene and Peter used sticks to make squares and triangles. (They used 4 sticks for each square and 3 sticks for each triangle.)



Square



Triangle

- (a) Irene made 6 squares. She used the same number of sticks for the 6 squares to make some triangles. How many triangles did she make?

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

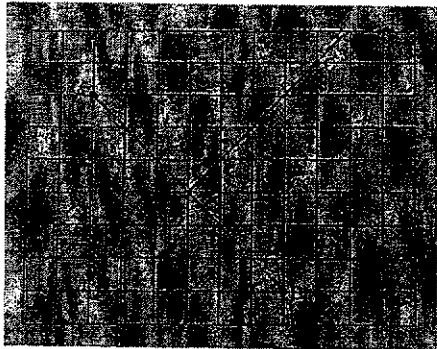
- (b) Peter made the same number of squares and triangles. He used 35 sticks altogether. How many squares did he make?

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

-End of Paper-  
Please check your work carefully ©

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL  
 LEVEL : PRIMARY 3  
 SUBJECT : MATH  
 TERM : 2024 SA2

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

Q11	8502
Q12	6
Q13	$\frac{7}{10}$
Q14	$\frac{5}{8}$
Q15	
Q16	$8 \times 6 = 48$
Q17	$637 \div 7 = 91$
Q18	$U = 720$ $3U = 720 \times 3 = 2160g$
Q19	81 cm <sup>2</sup>
Q20	$20 - 16 = 4$ $16 - 4 = 12 \text{ cm}$

Q21	a) $4320 - 1695 = 2625$ b) $1695 - 840 = 855$
Q22	a) $86 - 14 = 72$ $72 \div 2 = 36$ b) $36 + 14 = 50$ $86 - 36 = 50$
Q23	a) 90 b) $90 \div 2 = 45$ (draw) c) i) T ii) F
Q24	a) 16 20 b) 1h 45min
Q25	a) $4 \times 6 = 24$ $24 \div 3 = 8$ b) $3 + 4 = 7$ $35 \div 7 = 5$