



## **2024 PRIMARY 4 END-OF-YEAR EXAMINATION**

Name: \_\_\_\_\_ ( ) Date: 22 October 2024

Class: Primary 4 ( ) Time: 8 a.m. – 9 a.m.

Parent's Signature: \_\_\_\_\_ Marks: \_\_\_\_\_ / **100**

### **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	20
Booklet B	40
Paper 2	40



**Paper 1 Booklet A**

Questions 1 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 on the Optical Answer Sheet.

[20 marks]

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1. Complete the number pattern.

5 , 9 , 13 , \_\_\_\_\_ , \_\_\_\_\_ , 25

- (1) 14 , 15
- (2) 14 , 24
- (3) 17 , 18
- (4) 17 , 21

2. 4 and 5 are factors of \_\_\_\_\_.

- (1) 16
- (2) 25
- (3) 40
- (4) 54

3.  $5\frac{6}{7} = \frac{\square}{7}$

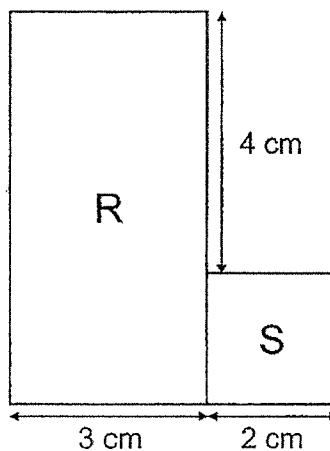
What is the missing number in the box?

- (1) 29
- (2) 30
- (3) 35
- (4) 41

4. What is the number when 334.51 is rounded to 1 decimal place?

- (1) 334.0
- (2) 334.5
- (3) 334.6
- (4) 335.0

5. The figure shown is made up of a square S of side 2 cm and a rectangle R with breadth 3 cm. What is the length of the rectangle?

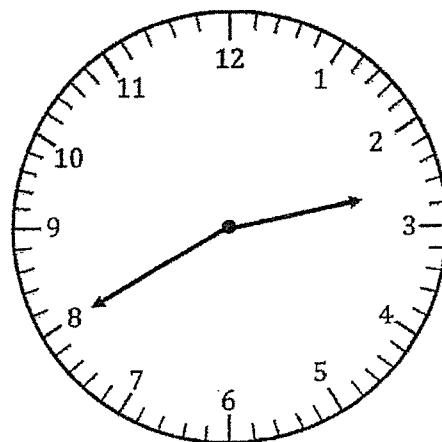


- (1) 7 cm
- (2) 6 cm
- (3) 5 cm
- (4) 4 cm

6. Which of the following is **not** an equivalent fraction of  $\frac{1}{2}$ ?

- (1)  $\frac{2}{4}$
- (2)  $\frac{3}{6}$
- (3)  $\frac{5}{8}$
- (4)  $\frac{6}{12}$

7. The clock is 15 minutes slower.



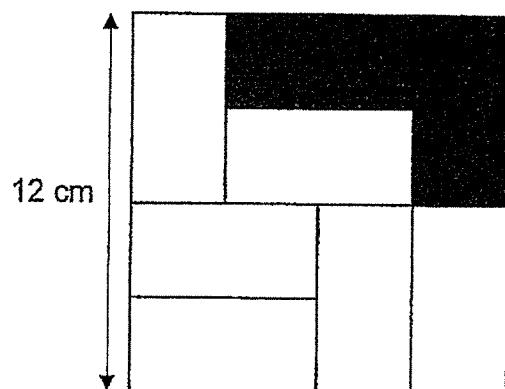
What is the actual time?

- (1) 14 25
- (2) 14 40
- (3) 14 55
- (4) 15 55

8. Benny had some sweets. He gave away  $\frac{3}{5}$  of his sweets to 5 friends and had 20 sweets left. How many sweets did each of his friend receive?

- (1) 12
- (2) 10
- (3) 6
- (4) 4

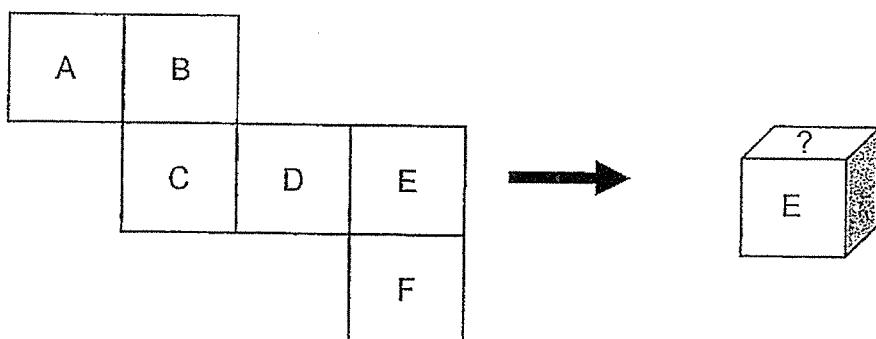
9. The figure is made up of 8 identical rectangles.



What is the area of the shaded part of the figure?

- (1)  $36 \text{ cm}^2$
- (2)  $18 \text{ cm}^2$
- (3)  $3 \text{ cm}^2$
- (4)  $6 \text{ cm}^2$

10. The figure shows a cube and its net.



What letter is above E?

- (1) A
- (2) B
- (3) D
- (4) F

**Paper 1 Booklet B**

Questions 11 to 30 carry 2 marks each. Write your answers in the spaces provided.  
For questions which require units, give your answers in the units stated.

[40 marks]

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11. Write twelve thousand and sixty-one in numerals.

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

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12. Find the product of 1370 and 6

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

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13. Express  $\frac{76}{100}$  as a decimal.

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

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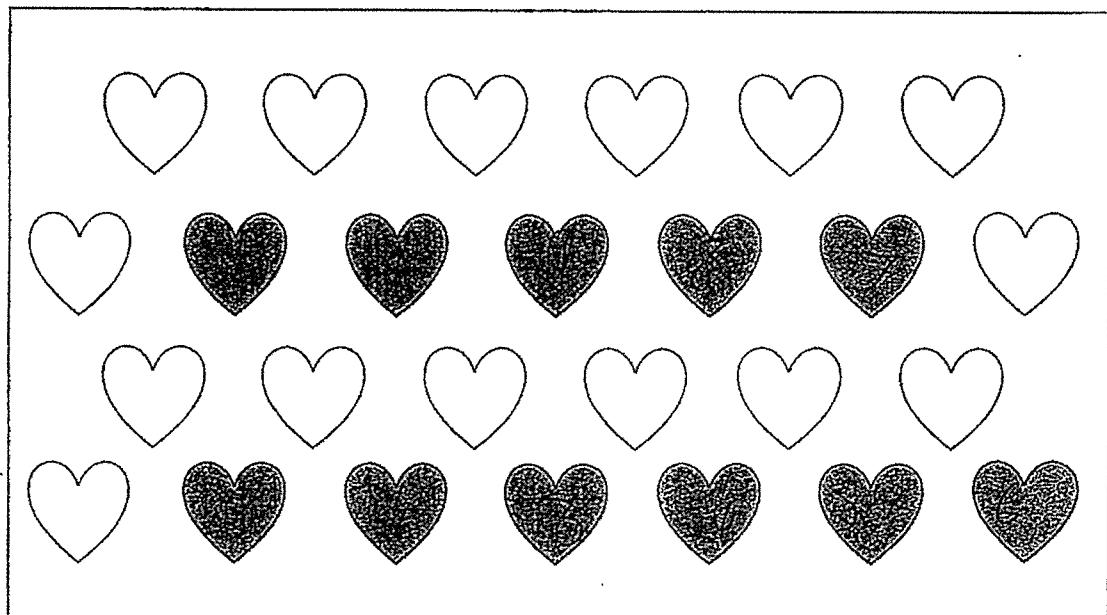
14. Arrange these numbers from the greatest to the smallest.

135 , 513 , 531 , 153

(greatest)

(smallest)

15. What fraction of the hearts shown are grey in colour?



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

16.  $5.48 - 2.26 =$  \_\_\_\_\_

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

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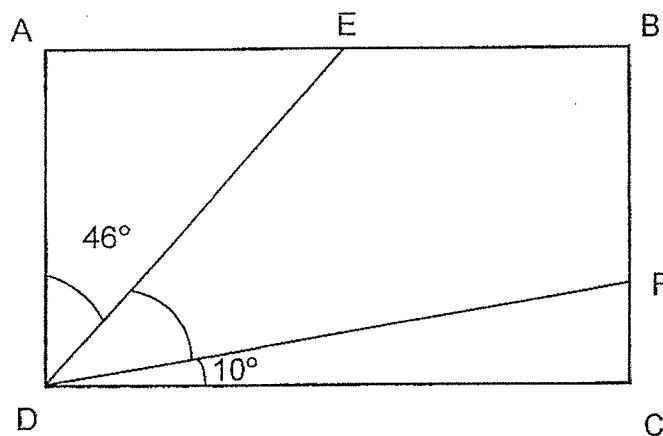
17. Find the value of  $8.35 \times 7$

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

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18. In the figure, ABCD is a rectangle.

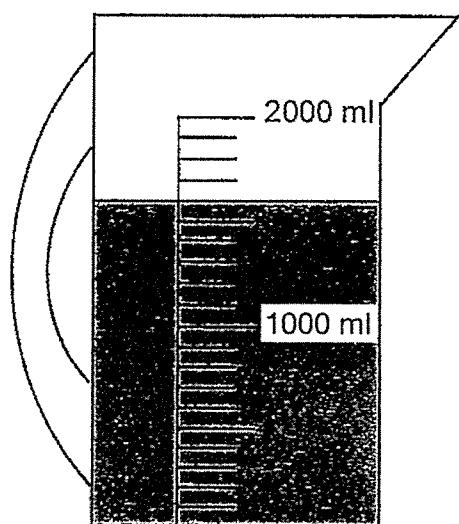
Find  $\angle FDE$ .



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

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19. There is some water in the jug shown below.



How much water is there in the jug?

Ans: \_\_\_\_\_ l \_\_\_\_\_ ml

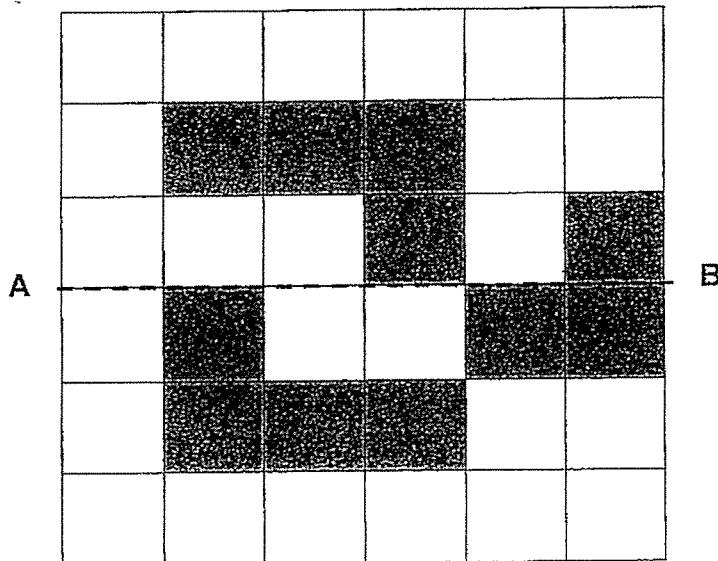
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20.  $1 - \frac{1}{4} - \frac{1}{2} = \underline{\hspace{2cm}}$

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

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21. Line AB is a line of symmetry for the figure shown.  
What is the least number of additional squares that need to be shaded?



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

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22. Xiao Ming ran  $\frac{3}{4}$  km. He ran  $\frac{1}{3}$  km less than John.  
What was the total distance both boys ran?  
Give your answer as a mixed number in the simplest form.

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

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23. Mr Tan bought the food items as shown. He paid the cashier \$50.  
How much change did he receive?

Yummy Pizza Restaurant		
	Pizza	\$13.50
	Pasta	\$ 9.85
	Garlic bread	\$ 2.40

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

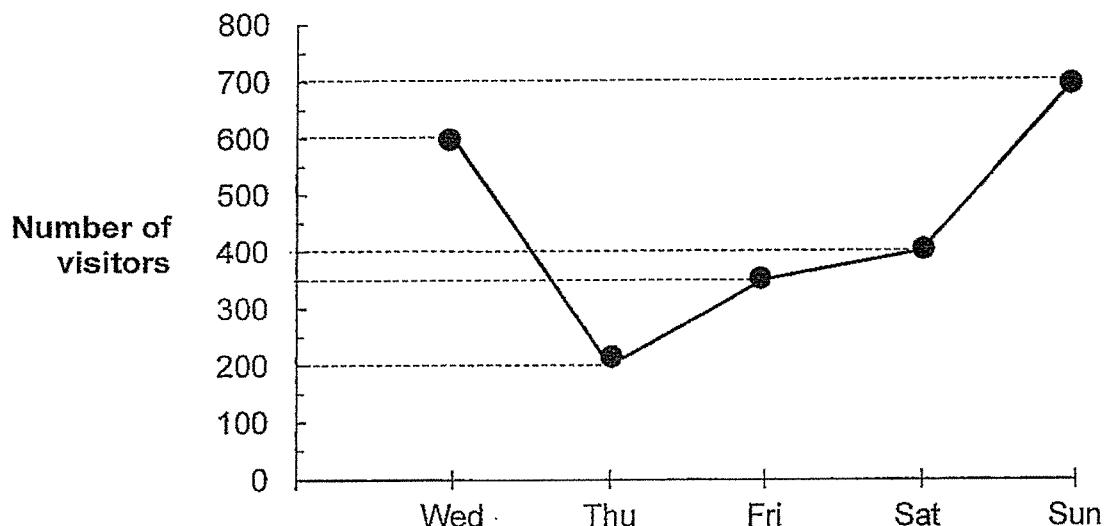
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24. Four times a number is greater than half the number by 49.  
Find the number.

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

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The line graph shows the number of visitors to the zoo from Wednesday to Sunday. Study the graph to answer Questions 25 to 27.



25. How many visitors visited the zoo in total on Saturday and Sunday?

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

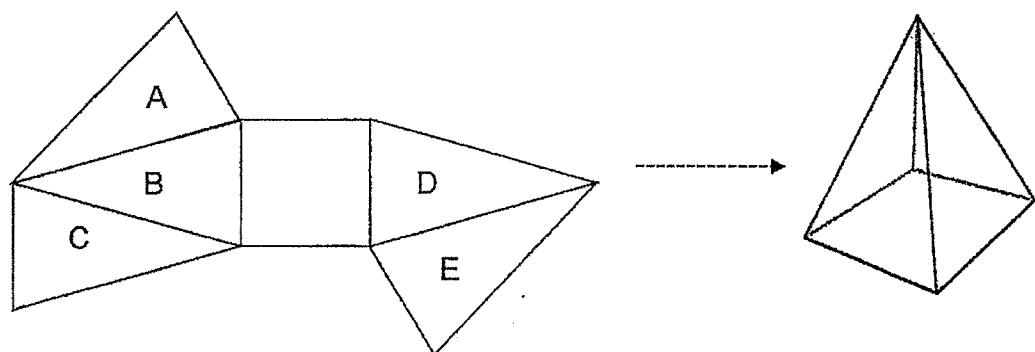
26. On which day was there thrice as many visitors as Thursday?

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

27. Each ticket to the zoo cost \$8. How much more money was collected from the ticket sales on Wednesday than on Friday?

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

28. Which of the triangles, A, B, C, D or E must be removed so that the diagram shows the net of a pyramid?



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

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29. 2 oranges cost as much as 3 apples. Ali paid \$15 for 4 oranges and 4 apples. Find the cost of 5 apples.

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

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30. I am a factor of 36.  
When 3 is added to me, I become a multiple of 4 that is greater than 10.  
What number am I?

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

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**End of Paper 1**



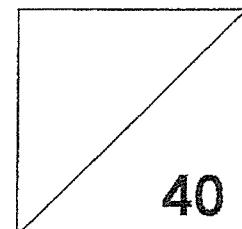
## **2024 PRIMARY 4 END-OF-YEAR EXAMINATION**

Name: \_\_\_\_\_ ( ) Date: 22 October 2024

Class: Primary 4 ( ) Time: 11 a.m. – 12 noon

Parent's Signature: \_\_\_\_\_

## **MATHEMATICS PAPER 2**

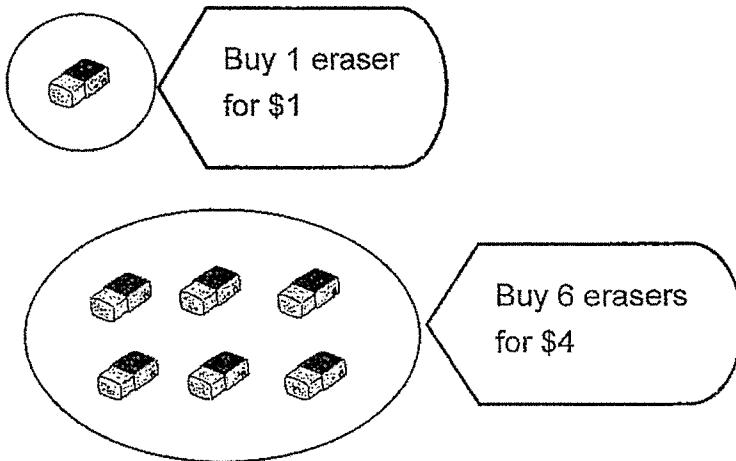


### **INSTRUCTIONS TO CANDIDATES**

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 4 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. [40 marks]

1.



Sam wants to buy 206 erasers.

What is the least amount of money he will need?

He will need \_\_\_\_\_

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

2. Hannah had 10 m of lace.  
She used 3.59 m of it for curtains and 1.25 m of it for cushion covers.  
She then cut the remaining lace into two equal pieces.  
How long was each piece of lace?

Each piece was \_\_\_\_\_.

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

3. Mr Tay drove from Singapore to Kuala Lumpur.  
He started his journey at 07 59 and reached a hotel in Kuala Lumpur  
at 13 00.  
(a) How long did the journey take from Singapore to the hotel?  
Complete the timeline to show your answer.

It took \_\_\_\_\_

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

(b) The next day, Mr Tay left the hotel to meet a friend for lunch.  
The drive was 40 min long but he was caught in a traffic jam for 25 min.  
He reached the meeting place at 2.15 p.m.  
What time did he leave the hotel?

He left at \_\_\_\_\_

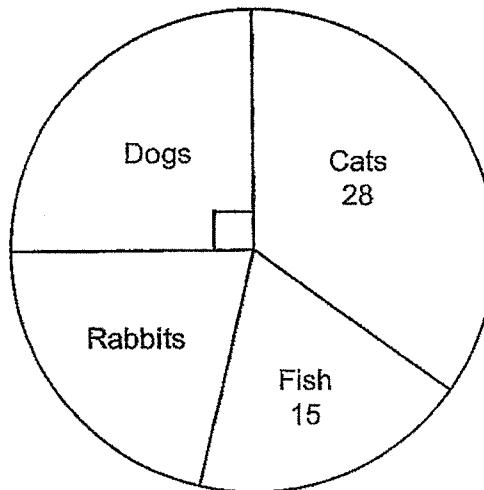
Ans: (b) \_\_\_\_\_

4. There were some buttons in Bag A, Bag B and Bag C.  
Bag A had 1740 buttons. Bag A had 500 more buttons than Bag B.  
Bag B had twice as many buttons as Bag C.  
How many buttons were there in total?

There were \_\_\_\_\_

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

5. The pie chart shows the number of pets kept by some students.  
Each student keeps only 1 type of pet.  
 $\frac{3}{5}$  of the students keep pet dogs and cats.



(a) Find the total number of students.

There are \_\_\_\_\_

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

(b) What fraction of the students keep fish as pets?

Give your answer in the simplest form.

The fraction is \_\_\_\_\_

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

6. A box is filled with yellow, blue and white cubes.

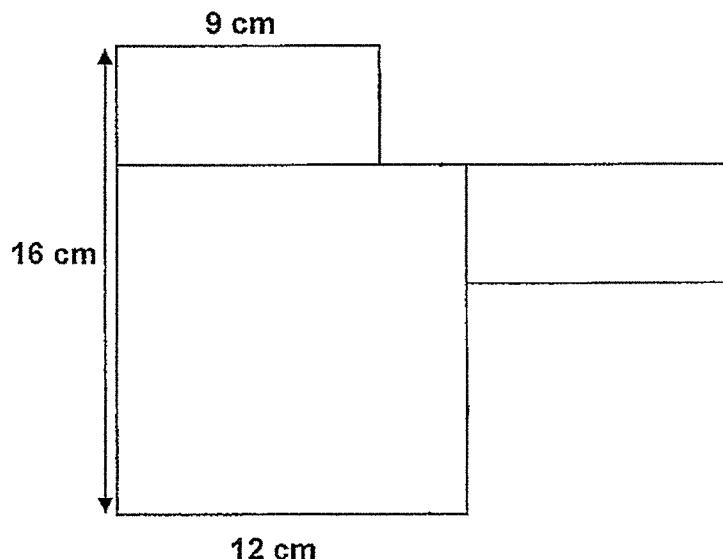
$\frac{5}{9}$  of the cubes are yellow, 541 cubes are blue and 459 cubes are white.

How many more yellow cubes than white cubes are there?

There are \_\_\_\_\_

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

7. The figure is made up of a square and 2 identical rectangles.



(a) Find the area of the figure.

The area \_\_\_\_\_

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

(b) Find the perimeter of the figure.

The perimeter \_\_\_\_\_

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

8.

## Uncle Jubilee Theme Park Entrance Fees

### Single Ticket

Adult : \$12.80  
Child : \$8

### Family Package

2 adults : \$24  
  
First child : \$8 each  
Additional child : \$5 each  
  
Senior : \$4 or  for  
every child ticket purchased

(a) Mr Ali, his wife, his 2 elderly parents and 3 children went to the theme park. What was the least amount Mr Ali paid altogether?

Mr Ali paid \_\_\_\_\_

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

(b) Miss Gopal took a group of students to the theme park.

The total amount she paid to enter the theme park was \$60.80.

How many students did Miss Gopal take to the theme park?

Miss Gopal took \_\_\_\_\_

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

9. Rope X was 2322 cm and Rope Y was 1065 cm.

After the same length was cut from each rope, the remaining length of

Rope X was four times the remaining length of Rope Y.

What was the length that was cut from each rope in m and cm?

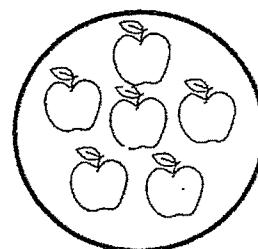
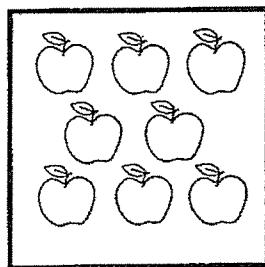
The length was \_\_\_\_\_

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

10. 244 apples were packed into a total of 35 square and round boxes.

There were 8 apples in each square box and 6 apples in each round box.

How many square boxes were used?



\_\_\_\_\_ were used.

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

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End of Paper 2



YEAR : 2024

LEVEL : PRIMARY 4

SCHOOL: TAO NAN PRIMARY SCHOOL

SUBJECT: MATHEMATICS

TERM : END OF YEAR EXAMINATION

PAPER 1

BOOKLET A

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

BOOKLET B

Q11	12061	Q12	8220, 93
Q13	0.76	Q14	531, 513, 153, 135
Q15	$\frac{11}{20}$	Q16	3.22
Q17	58.45	Q18	$46+10=56$ $90-56=34^\circ$
Q19	1 litre 600 ml	Q20	$1 - \frac{2}{8} - \frac{4}{8} = \frac{1}{4}$
Q21	3	Q22	$1 \frac{10}{12} + \frac{9}{12} = 1 \frac{10}{12} = 1 \frac{5}{6}$
Q23	$13.50+2.40=15.90$ $9.85+15.90=25.75$ $50-25.75=\$24.25$	Q24	$49 \div 7 = 7$ $7 \times 2 = 14$
Q25	1100	Q26	Wed
Q27	$250 \times 8 = \$2000$	Q28	C
Q29	$15 \div 10 = 1.5$ $1.5 \times 15 = \$7.50$	Q30	$4 \times 9 = 36$ $9+3=12$ Ans:9

PAPER 2

Q1	$206 \div 6 = 34R2$ $34 \times 2 = 136$ $136+2=138$	Q2	$3.59+1.25=4.84$ $10-4.84=5.16$ $5.16 \div 2 = 2.58$
Q3	a) 5hr 1min b) 1.10pm	Q4	$1740-500=1240$ $1240 \div 2 = 620$ $1740+1240=2980$ $2980+620=3600$ Ans:3600 buttons

Q5	a) $28+15=43$ $43 \times 2=86$ $86-3=83$ b) $\frac{15 \div 5}{80 \div 5} = \frac{3}{16}$	$20 \div 4 = 5$ $\frac{12}{20} - \frac{5}{20} = \frac{7}{20}$ $28 \div 7 = 4$ $4 \times 20 = 80$ (a)	Q6	541+459=1000 $9-5=4$ $1000 \div 4 = 250$ $250 \times 5=1250$ $1250-459=791$
Q7	a) $16-12=4$ $12 \times 12=144$ $144+72=216$ b) $16+9+12=37$ $37 \times 2=74$	<del>98578</del>	Q8	a) $24+8+5+5=42$ b) $48 \div 8 = 6$
Q9	$2322-1065=1257$ $1257 \div 3 = 419$ $1065-419=646$ $646\text{cm}=6\text{m}46\text{cm}$	<del>Q10</del>	17 square boxes were used Ans: 17 square boxes	

7644, 938586

985100

2  
END