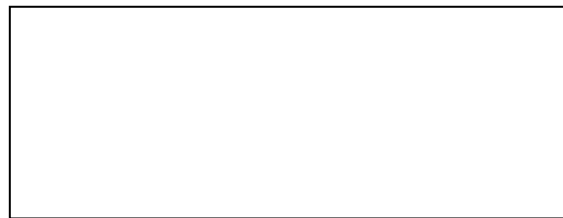




* 6 M E 4 *

6	M	E	4
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Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2025
Primary 6
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 39 questions in this test. Answer all questions.
3. Time allowed is 50 minutes.
4. Write your answers in this Question-Answer Booklet.
5. Do not write in the margins.
6. Use of calculators is not allowed.
7. Do your rough work on the rough work sheet provided.
8. Write your School Code, Class and Class Number in the boxes below.

Instructions for answering questions:

- (a) Multiple choice questions – Blacken the circle next to the correct answer with an **HB pencil**.

For example:

- ☒ A
☐ B
☐ C
☐ D

- (b) Questions in which you are asked to “Show your working” – Write your mathematical expressions, answers and statements/conclusions in the spaces provided. There is **NO** need to show your rough work.

- (c) Other types of questions – Answer as required in the spaces provided.

School Code
學校編號

P			
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Class
班別

6	
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Class No.
班號

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此格只許填寫一個大楷英文字母
Write one **capital letter** in this box

1. Arrange the following numbers from the largest to the smallest.

7 053 000 , 7 350 000 , 783 000

Answer: _____ , _____ , _____
(Largest) (Smallest)

2. List all the factors of 21.

Answer: _____

3. Which of the following numbers are common multiples of 4 and 12?

(Circle all the answers)

1

4

12

28

36

4. Which of the following numbers is the Highest Common Factor (H.C.F.) of 16 and 40?

- ☐ A. 80
☐ B. 8
☐ C. 4
☐ D. 1

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Please do not write in the margin.

5. (a) Convert $\frac{81}{4}$ to a mixed number.

Answer:

- (b) Fill in the box with the correct number.

$$\frac{72}{96} = \frac{\boxed{}}{12}$$

6. Which of the following numbers has the digit '6' in its tenths place?

- ☐ A. 0.1654
- ☐ B. 8.7569
- ☐ C. 160.38
- ☐ D. 294.65

Please do not write in the margin.



7. Convert 1.75 to a fraction in the lowest terms.

Answer:

8. Arrange the following numbers from the smallest to the largest.

10.5 , 1.526 , 10.26

Answer: _____ , _____ , _____
(Smallest) (Largest)

9. There are 10 stickers on the table.

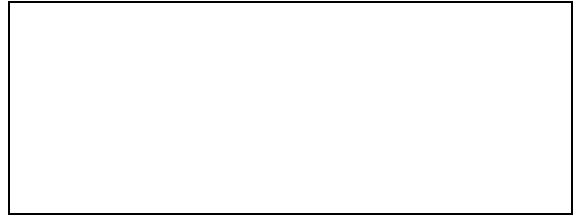


_____ % of all stickers are



.

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Please do not write in the margin.

10. (a) Convert $\frac{4}{5}$ to a percentage.

Answer: _____ %

(b) Convert 250% to a decimal.

Answer: _____

11. $760 - 510 \div 5 =$

- ☐ A. 50
- ☐ B. 102
- ☐ C. 658
- ☐ D. 748

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Please do not write in the margin.

12. $2\frac{5}{6} + \frac{3}{4} - 1\frac{1}{3} =$

13. $1\frac{2}{3} \div 4\frac{1}{6} =$

14. $9.7 - (4.3 + 1.06) =$ _____

15. $2.5 \div 6 =$ _____

(Round the answer to two decimal places)

16. Each tea bag weighs $2\frac{3}{4}$ grams. 36 tea bags weigh

gram(s) in total.

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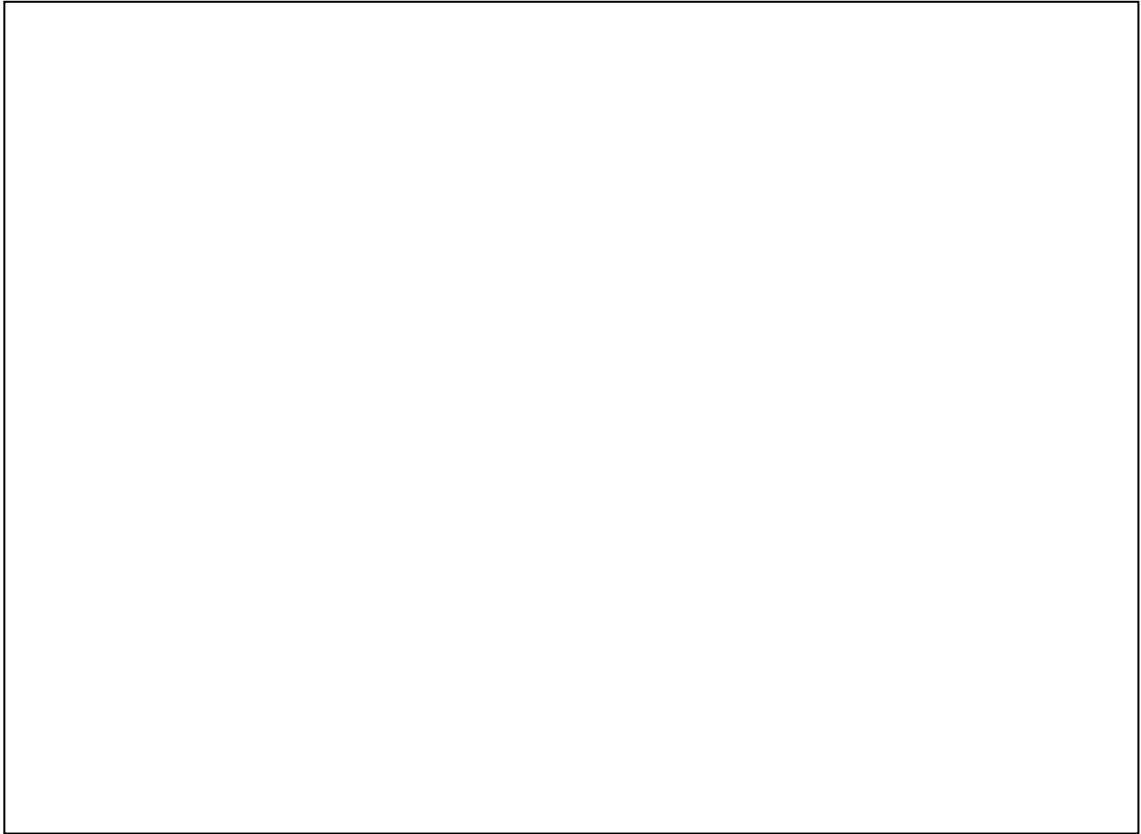
Please do not write in the margin.

17. Charles walked 7.5 kilometres in 2 hours. On average, he walked _____ kilometre(s) in each hour.
18. Each box of chocolates costs 384 dollars. Each bag of candies costs 21.9 dollars. Miss Lam buys 1 box of chocolates and 5 bags of candies. Which of the following expressions is most suitable for estimating the amount (in dollars) paid by Miss Lam?
- ☐ A. $300 + 20 \times 5$
- ☐ B. $300 + 30 \times 5$
- ☐ C. $400 + 20 \times 5$
- ☐ D. $400 + 30 \times 5$

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Please do not write in the margin.

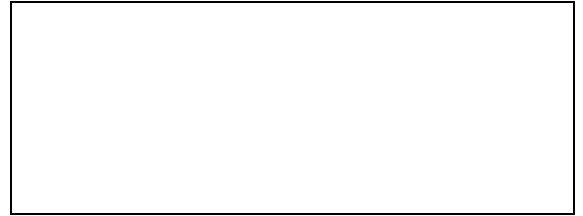
19. Each pen costs 8.5 dollars. Michelle had 36.5 dollars.
After she bought 4 pens, how much were left?
(Show your working)



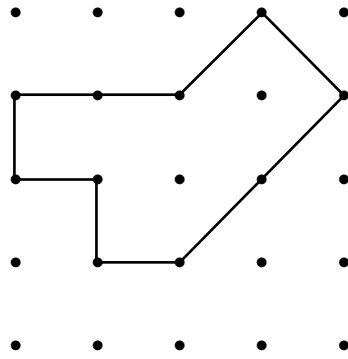
20. A movie started at 2:30 p.m. and finished at 4:38 p.m.
The movie lasted for _____ minute(s).

Please do not write in the margin.

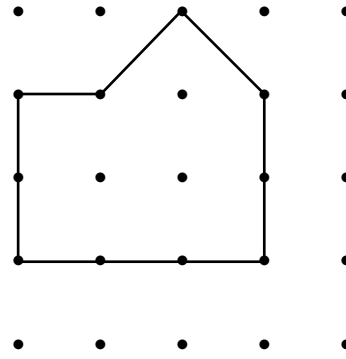
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21.



X



Y

Study the diagram above. Which of the following statements is correct?

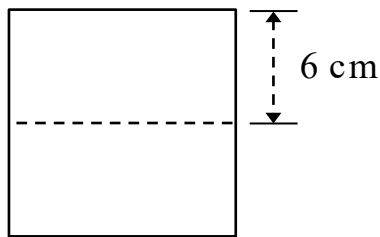
- ☐ A. The perimeters of **X** and **Y** cannot be compared.
- ☐ B. The perimeters of **X** and **Y** are the same.
- ☐ C. The perimeter of **X** is shorter than that of **Y**.
- ☐ D. The perimeter of **X** is longer than that of **Y**.

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Please do not write in the margin.



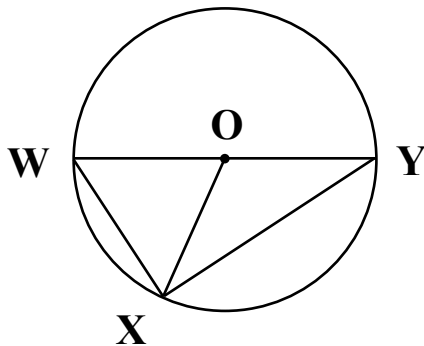
22.



Joe folded a square paper in half to form 2 equal rectangles (as shown in the diagram above).

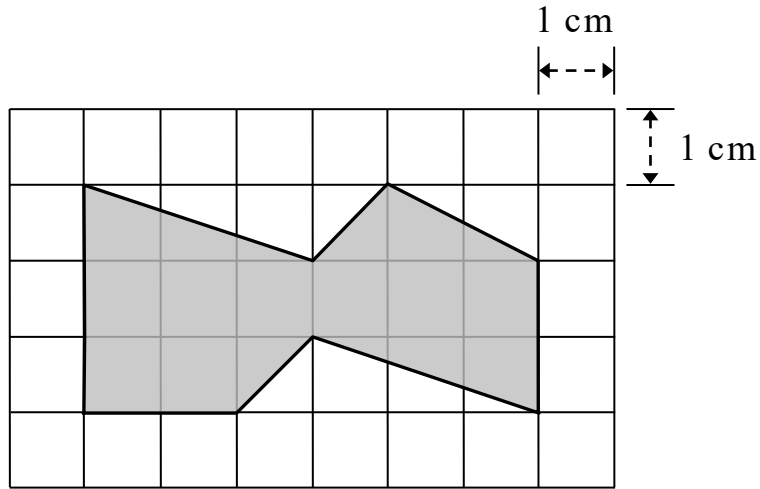
The perimeter of the square paper is _____ cm.

23. In the figure below, **O** is the centre of the circle. **W**, **X** and **Y** are points on the circumference. **WY** is a straight line passing through the centre of the circle.



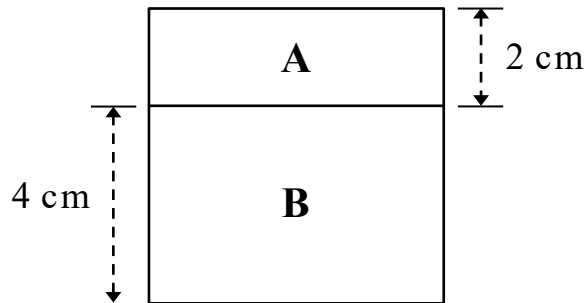
- (a) **OX** is 4 cm long. **WY** is _____ cm long.
- (b) The circumference of the circle is _____ cm.
(Take π as 3.14)

24. In the following diagram, the side of each square is 1 cm.



The area of the shaded part is _____ cm^2 .

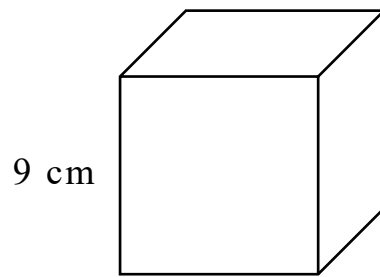
- 25.



The square above is made up of rectangles **A** and **B**.

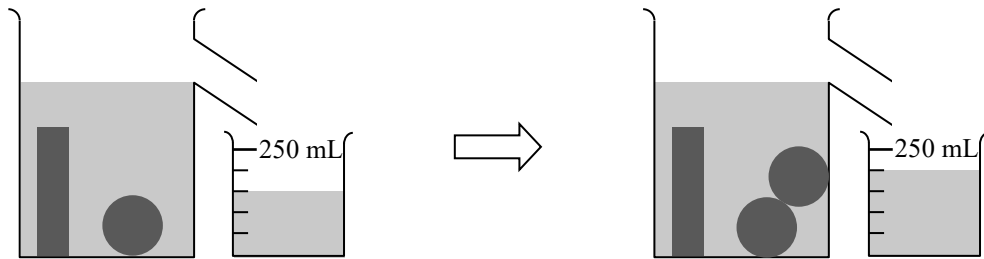
- (a) The area of the square is _____ cm^2 .
- (b) The area of rectangle **B** is _____ cm^2 .

26.



The volume of the cube above is _____ cm^3 .

27.

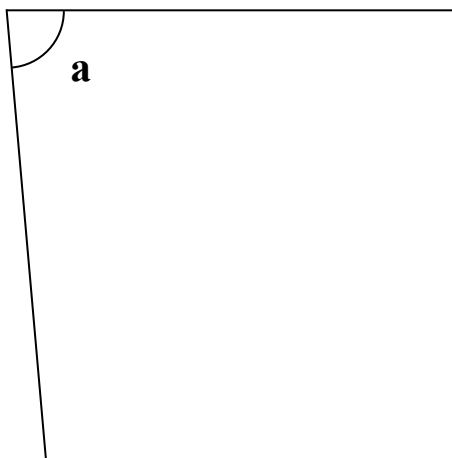


The volume of each ● is _____ cm^3 .

28. The average swimming speed of an athlete is about

- ☐ A. 2 m/s.
- ☐ B. 50 s.
- ☐ C. 100 m.
- ☐ D. 300 km/h.

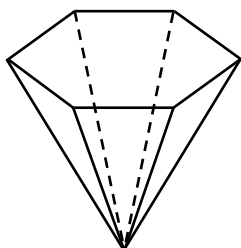
29. Measure $\angle a$ below with a protractor.



$\angle a =$ _____

(Give the answer with a unit)

- 30.



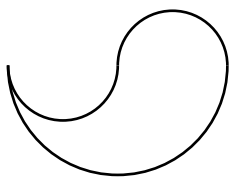
The figure above is a 3-D shape.

It has _____ edge(s).

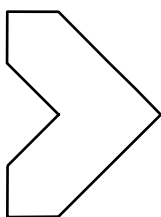
31. Which of the following 2-D shapes must have two pairs of opposite sides parallel and four sides equal?

- ☐ A. Pentagon
- ☐ B. Rectangle
- ☐ C. Trapezium
- ☐ D. Rhombus

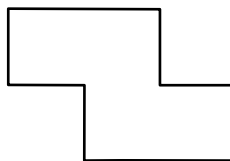
32. Study the 2-D shapes below. Write all the letter(s) for the answer.



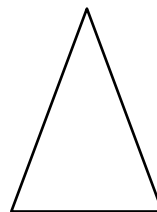
A



B



C

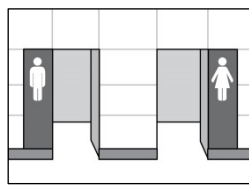


D

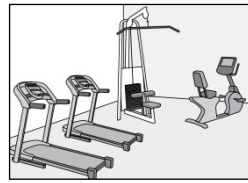
List the axially symmetric shape(s).

Answer: _____

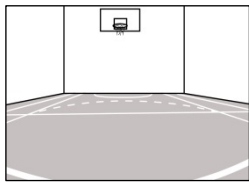
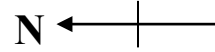
33. The map of a sports centre is shown below.



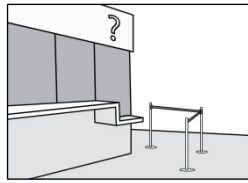
Toilet



Fitness Room



Basketball
Court



Information
Desk

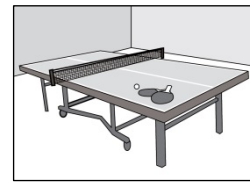
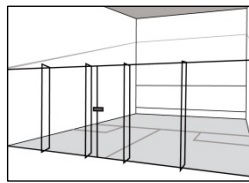


Table Tennis
Room



Squash Room

- (a) Starting from Information Desk, Mr Lee goes north to reach _____ .
- (b) To the east of Basketball Court is _____ .
- (c) Macy goes to Table Tennis Room from Fitness Room. She should walk towards _____ .
(direction)

34. Find the average of the five numbers below.

20 , 13 , 47 , 38 , 52

Answer: The average is _____ .

35. Each box has x pencils. After Maggie bought 3 boxes of pencils, her mother gave her 8 pencils. How many pencils did Maggie have altogether?

- ☐ A. $8x + 3$
☐ B. $3x + 8$
☐ C. $\frac{x}{3} + 8$
☐ D. $(x + 8) \times 3$

36. $3c = 5\frac{1}{4}$

$c =$

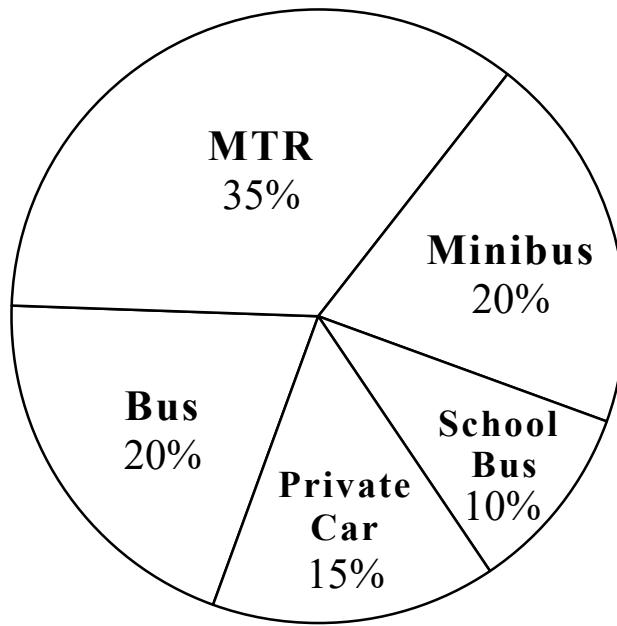
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37. A number plus 4 is multiplied by 2. The result is 18.
Find the number by *the method of solving an equation*.
(Show your working)

Please do not write in the margin.

38. Miss Chan conducted a survey of 500 pupils to understand the transportation they used to go to school and constructed the pie chart below. Each pupil chose one type of transportation only.

Transportation Used by Pupils to Go to School



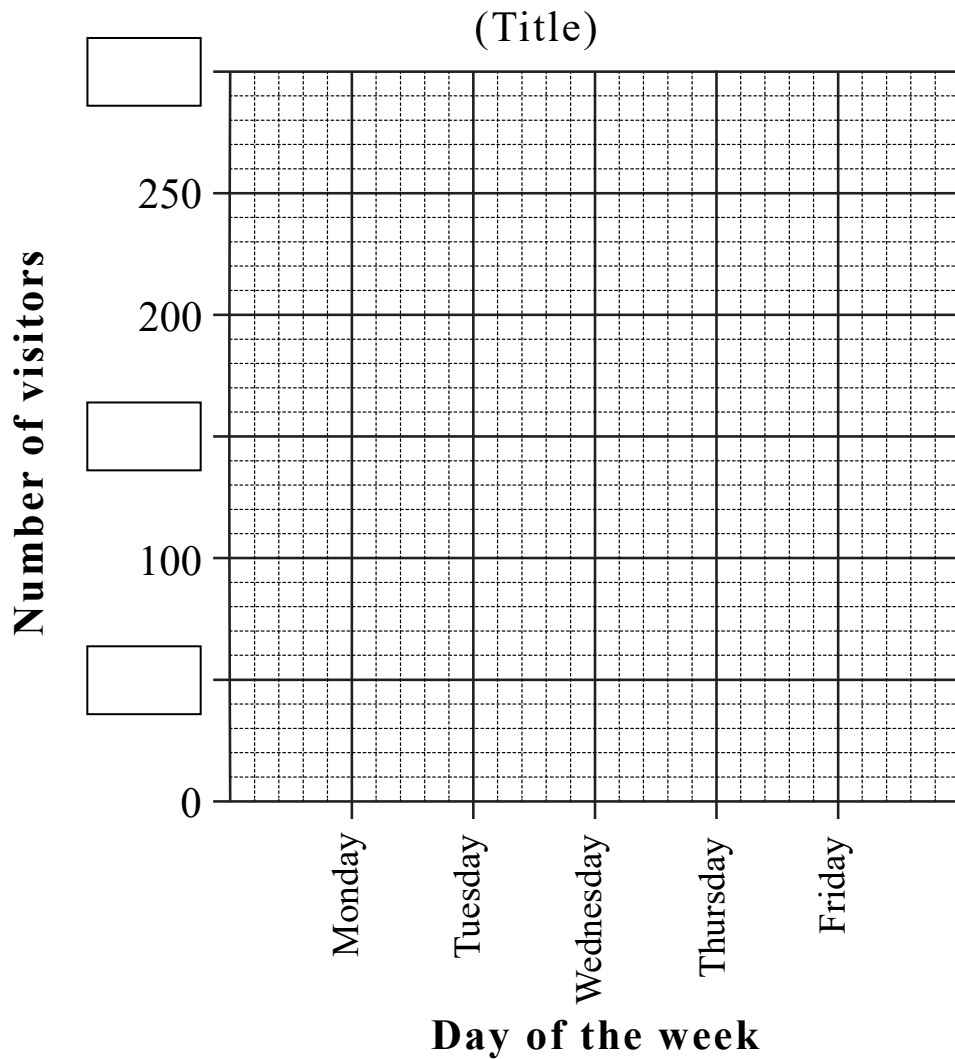
- (a) The total number of pupils who go to school by MTR or _____ was 50% of all pupils.
- (b) The number of pupils who go to school by _____ was the smallest. There were _____ pupils.

Please do not write in the margin.

39. The table below shows the number of visitors of an exhibition hall last week.

Day of the week	Monday	Tuesday	Wednesday	Thursday	Friday
Number of visitors	200	230	120	160	250

According to the information above, use a pencil to complete the following broken line graph. Give it a title and add the scales.



— END OF PAPER —

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The Government of the HKSAR 2025

Prepared by the Hong Kong Examinations and Assessment Authority