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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. Which of the following numbers is a multiple of 42?

- ☐ A. 200
- ☐ B. 84
- ☐ C. 13
- ☐ D. 6

3. Which of the following numbers are all the common factors of 4 and 6?

- ☐ A. 1, 2
- ☐ B. 1, 4, 6
- ☐ C. 1, 2, 3, 4, 6
- ☐ D. 12, 24, 36

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4. The Least Common Multiple (L.C.M.) of 14 and 35
is _____ .

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

Answer:

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

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

Please do not write in the margin.



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

$$2, \quad \frac{9}{4}, \quad 1\frac{5}{6}$$

Answer: , ,
(Smallest) (Largest)

7. In the number 1.7349, what is the value of the digit '3'?

- ☐ A. $\frac{3}{10}$
☐ B. $\frac{3}{100}$
☐ C. 1.73
☐ D. 300

8. Convert $\frac{5}{7}$ to a decimal correct to two decimal places.

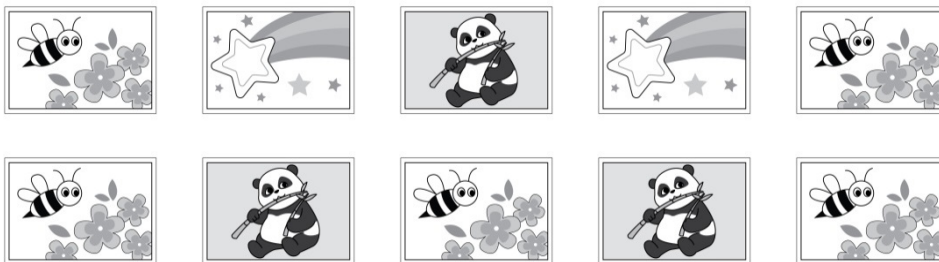
Answer: _____


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9. There are 10 stickers on the table.



_____ % of all stickers are  .

10. (a) Convert 140% to a fraction in the lowest terms.

Answer:

- (b) Convert 0.6 to a percentage.

Answer: _____ %

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Please do not write in the margin.

11. When 420 is divided by 18, the quotient is _____
and the remainder is _____ .

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

13. $1 - \frac{3}{8} \div 2\frac{1}{4} =$

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

15. $3 \div 0.4 =$ _____

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16. A book has 170 pages. Mr Chan reads 25 pages every day.
After 3 days, he has _____ page(s) not yet read.
17. Charles walked 7.5 kilometres in 2 hours. On average,
he walked _____ kilometre(s) in each hour.
18. There are 12 male members and 18 female members in
a choir. _____ % of all members are female.

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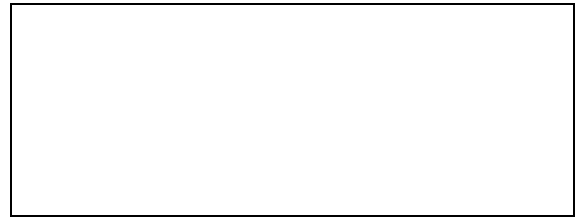


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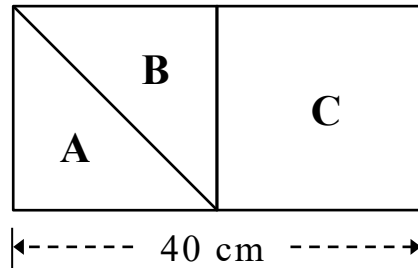
19. Sam has 72 blocks. $\frac{2}{9}$ of them are yellow and $\frac{1}{3}$ are red.
How many yellow and red blocks are there altogether?
(Show your working)

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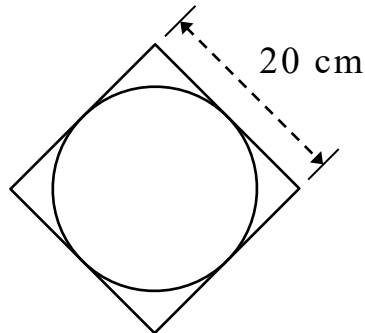
20.



The rectangle above is made up of isosceles right-angled triangles **A** and **B**, and square **C**.

- (a) The perimeter of the rectangle is _____ cm.
(b) The area of triangle **A** is _____ cm^2 .

21.



Lucy draws the largest circle in the square (as shown in the diagram above). The circumference of the circle is about

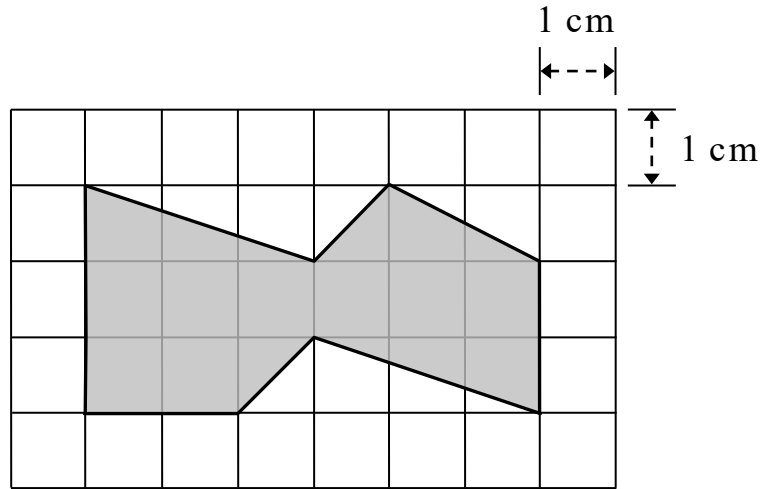
- ☐ A. 10 cm.
- ☐ B. 31 cm.
- ☐ C. 63 cm.
- ☐ D. 314 cm.

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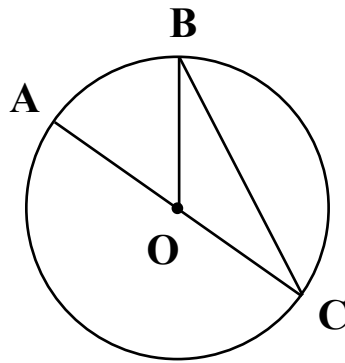


22. In the following diagram, the side of each square is 1 cm.



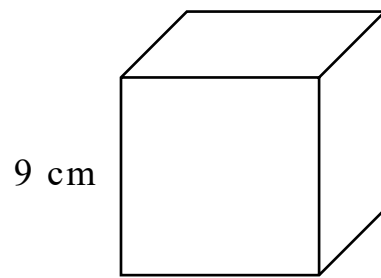
The area of the shaded part is _____ cm^2 .

23. In the figure below, **O** is the centre of the circle. **A**, **B** and **C** are points on the circumference.



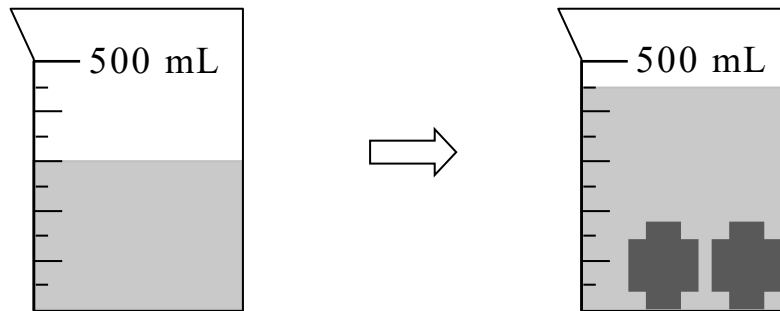
- (a) The line segment * **AC** / **BC** / **OB** is the diameter of the circle. (*Circle the answer)
- (b) The radius of the circle is 7 cm. The area of the circle is _____ cm^2 . (Take π as $\frac{22}{7}$)

24.



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

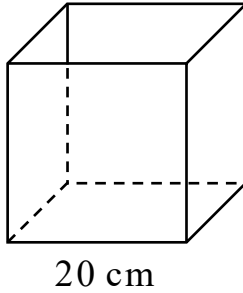
25.



The volume of each  is _____ cm^3 .

26. Sarah took part in a cycling race. She cycled 200 metres in 16 seconds only. Her average cycling speed was _____ metre(s) per second.

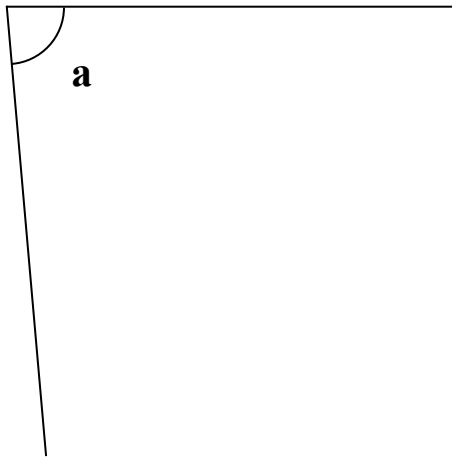
27.



What is the capacity of the cubic container above in mL?

- ☐ A. 8
- ☐ B. 80
- ☐ C. 800
- ☐ D. 8 000

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



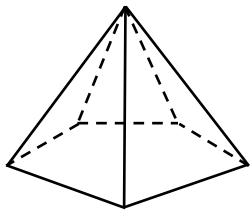
$\angle a =$ _____

(Give the answer with a unit)

29. Percy got a total of 173 marks in the first and the second dictations. He got 97 marks in the third dictation.

Percy's average mark in these three dictations
is _____ .

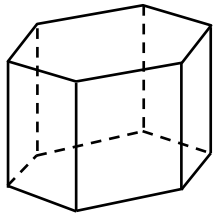
30. Which of the following 3-D shapes has 6 vertices?



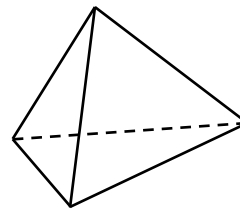
☐ A.



☐ B.

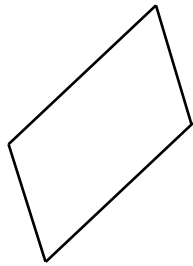


☐ C.



☐ D.

31.



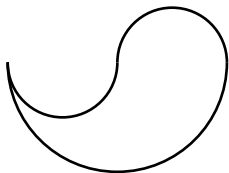
The figure above is a

* parallelogram / rhombus / trapezium .

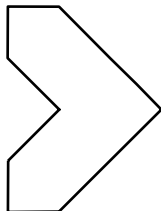
(*Circle the answer)

It has _____ pair(s) of opposite sides parallel.

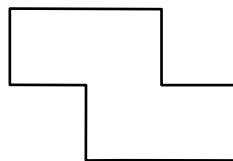
32. Study the 2-D shapes below. Write all the letter(s) for the answer.



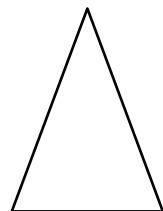
A



B



C

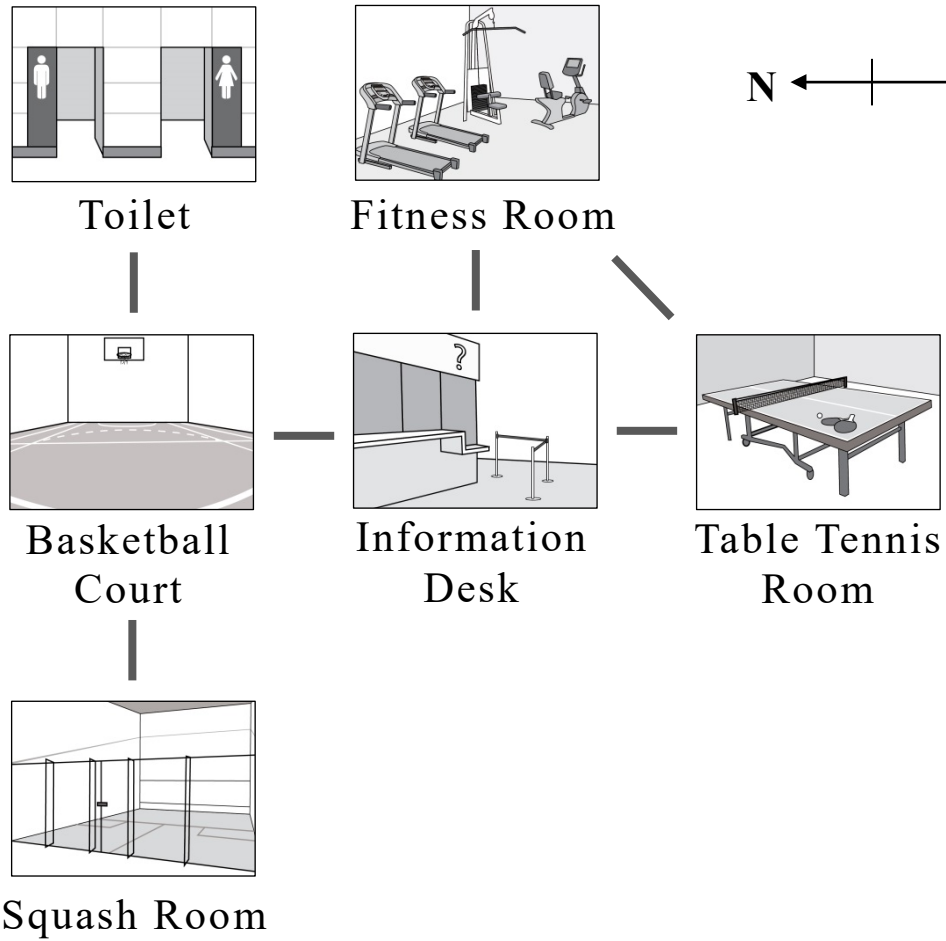


D

List the axially symmetric shape(s).

Answer: _____

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



- (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. 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. $(x + 8) \times 3$

35. Which of the following is an equation?

- ☐ A. $(y + 5) \times 3$
- ☐ B. $4 - 1 = 3$
- ☐ C. $5 = \frac{y - 4}{2}$
- ☐ D. $y + 10$

36. $7a - 1.7 = 8.1$

$a =$

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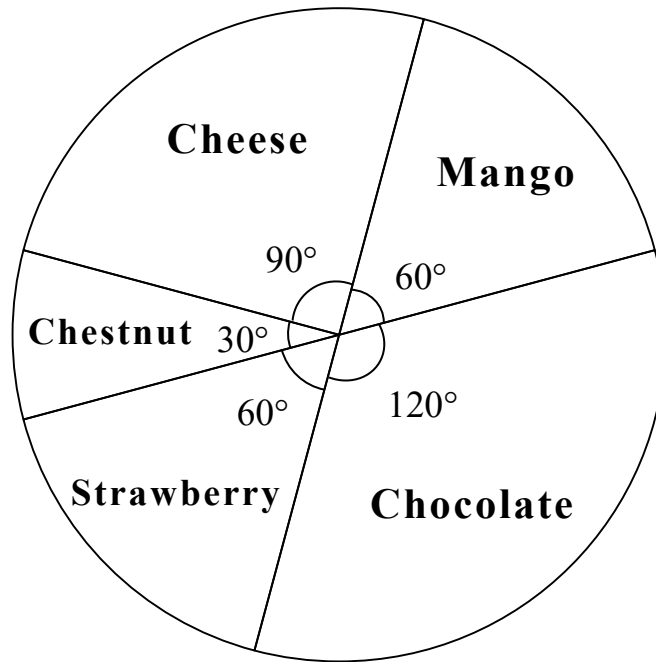
37. A number plus 4 is multiplied by 2. The result is 18.
Find the number by *the method of solving an equation*.
(Show your working)

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38. A cake shop sold 60 cakes. The following pie chart shows different kinds of cakes sold by the cake shop.

Different Kinds of Cakes Sold by the Cake Shop



- (a) The number of _____ cakes sold was the largest. _____ cakes were sold.
- (b) The number of _____ cakes sold was 3 times that of chestnut cakes.

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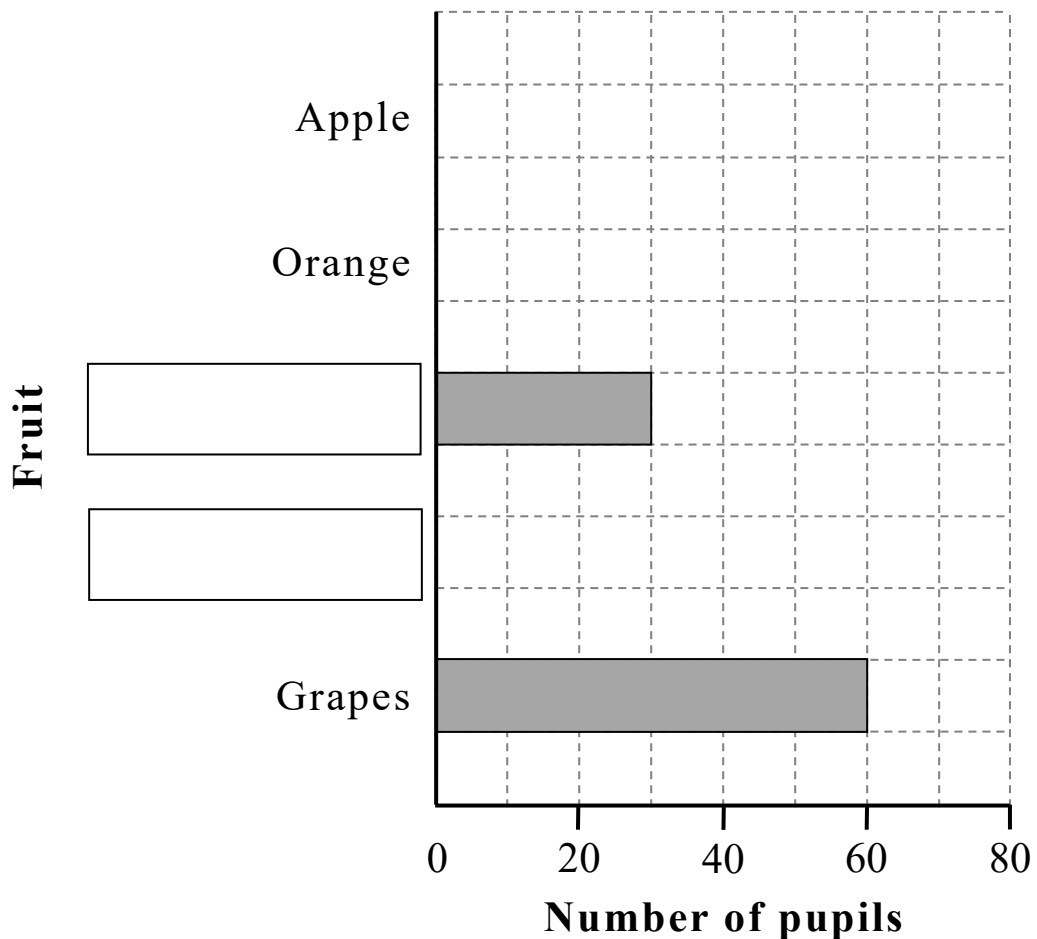
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39. The table below shows the favourite fruits of Primary Six pupils.

Fruit	Apple	Orange	Pear	Banana	Grapes
Number of pupils	20	10	30	40	60

According to the information above, use a pencil to complete the following bar chart. Give it a title and add the names of fruits.

(Title)



— END OF PAPER —

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