



* 6 M E 4 *

6	M	E	4
---	---	---	---



請把電腦條碼貼在方格內
Please stick the barcode label in the box

Education Bureau
Territory-wide System Assessment 2022 ♦
Primary 6
Mathematics

CANCELLED

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 37 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			
---	--	--	--

Class
班別

6	
---	--

Class No.
班號

--	--



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

♦ 2022 年小六全港性系統評估是學校以自願形式參與，而非全體小六學生參與的全港性系統評估。
School participation in the 2022 P6 TSA is on a voluntary basis. As a result, this is a TSA in which not all P6 students will participate.

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

☐ A. 11.649
☐ B. 25.361
☐ C. 48 670
☐ D. 60 045

2. List all the factors of 22.

Answer: _____

3. Which of the following numbers are common multiples of 10 and 18?

(Circle all the answers)

1

2

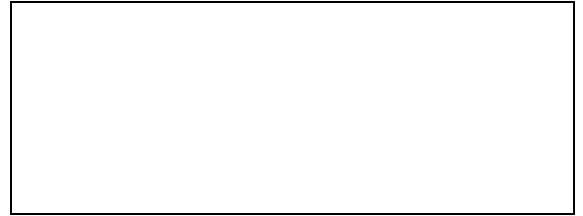
30

90

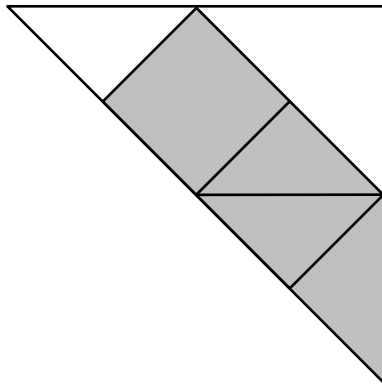
180

4. The Highest Common Factor (H.C.F.) of 24 and 40 is _____ .

請把電腦條碼貼在方格內
Please stick the barcode label in the box



5. What fraction of the whole figure below is shaded?



Answer:



of the whole figure is shaded.

6. (a) Change $\frac{65}{6}$ into a mixed number.

Answer:



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

$$\frac{36}{45} = \frac{\boxed{}}{5}$$

Please do not write in the margin.

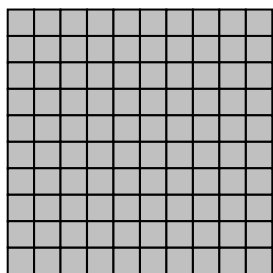
Please do not write in the margin.

7. Which of the following fractions is the largest?

(Circle the answer)

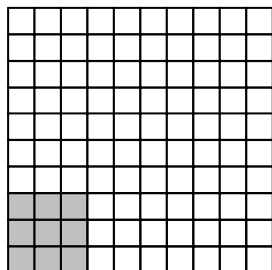
$$\frac{5}{6} \quad , \quad \frac{2}{3} \quad , \quad \frac{7}{9}$$

8.



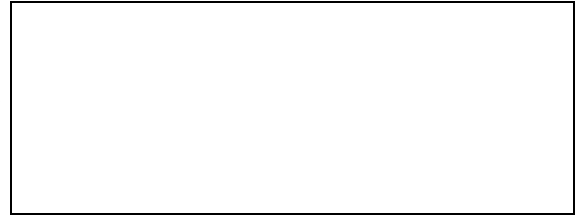
stands for 1.

Represent the shaded part in the diagram below with a decimal.



- ☐ A. 0.09
- ☐ B. 0.9
- ☐ C. 9
- ☐ D. $\frac{9}{100}$

請把電腦條碼貼在方格內
Please stick the barcode label in the box



Please do not write in the margin.

9. Which of the following numbers has the digit ‘8’ in its hundredths place?

- ☐ A. 4 801
☐ B. 10.48
☐ C. 4.108
☐ D. 0.814

10. Change $1\frac{5}{8}$ into a decimal correct to two decimal places.

Answer: _____

11. When 708 is divided by 50, the quotient is _____
and the remainder is _____.

Please do not write in the margin.

12. $1\frac{3}{4} \div 2\frac{5}{8} =$

13. $8 - 1.7 + 3.96 =$ _____

14. Mr Ho puts $4\frac{1}{2}$ kilograms of salt into 18 bottles equally.

There is/are

kilogram(s) of salt in each bottle.

15. Cindy spends 1.5 hours on watching TV and 0.75 hour on reading every day. In total she spends _____ hours on watching TV and reading in one week.

請把電腦條碼貼在方格內
Please stick the barcode label in the box



--

Please do not write in the margin.

16. There are 40 pieces of fruit on the table. 16 of them are oranges and the rest are apples. _____ % of the pieces of fruit are apples.

17. (a) Change $\frac{17}{20}$ into a percentage.

Answer: _____ %

(b) Change 11% into a decimal.

Answer: _____

Please do not write in the margin.

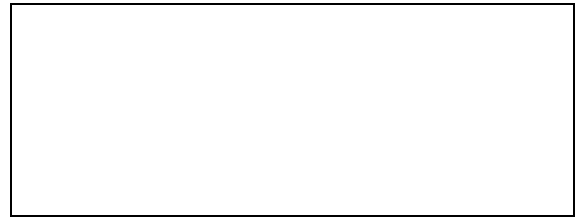


Please do not write in the margin.

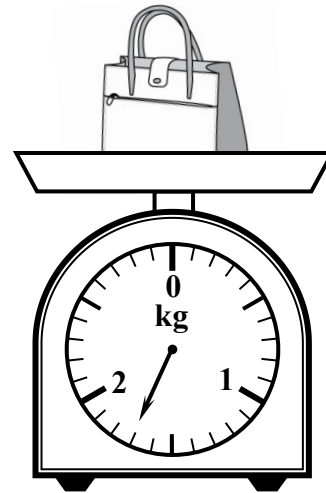
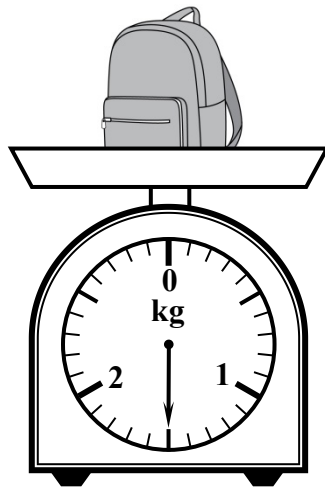
18. There were 70 pieces of fried chicken in a tuck shop.
After selling 20% of them, how many pieces of fried
chicken were left?
(Show your working)

Please do not write in the margin.

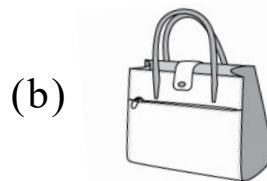
請把電腦條碼貼在方格內
Please stick the barcode label in the box



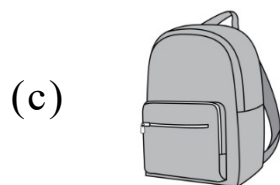
19.



weighs _____ g.



weighs _____ kg.



is _____ g * lighter / heavier



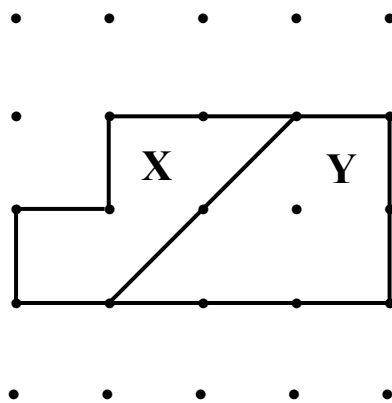
(*Circle the answer)

Please do not write in the margin.

Please do not write in the margin.



20.



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

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

21. The circumference of a circle is 19 cm. Its diameter is about

- ☐ A. 3 cm.
- ☐ B. 6 cm.
- ☐ C. 7 cm.
- ☐ D. 60 cm.

Please do not write in the margin.

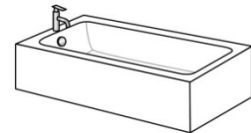
22. Fill in the following blanks with suitable units.

- (a) The height of a classroom is about

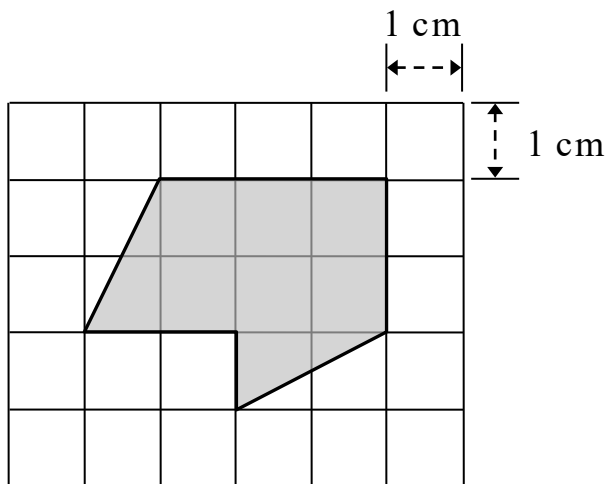
2.8 _____ .

- (b) The capacity of a bathtub is about

300 _____ .



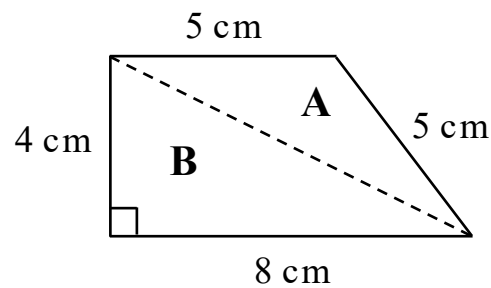
23. In the following diagram, the side of each square is 1 cm.



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

Please do not write in the margin.

24.



The trapezium above is made up of triangles **A** and **B**.

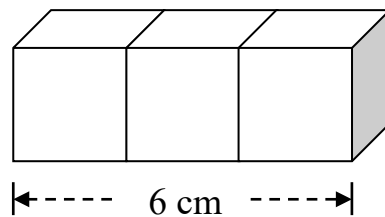
(a) **A** is

* a right-angled / an isosceles / an equilateral triangle.

(*Circle the answer)

(b) The area of the trapezium is _____ cm^2 .

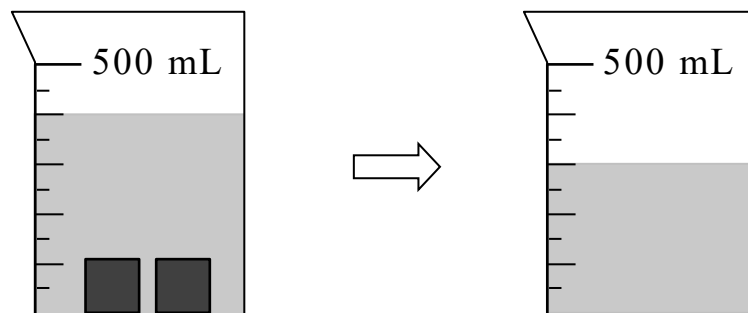
25.



The cuboid above is made up of three equal cubes.

The volume of the cuboid is _____ cm^3 .

26.



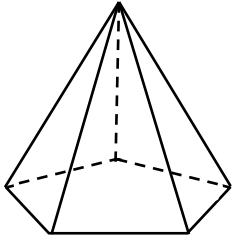
The volume of each  is _____ cm^3 .

27. A bus departed from Estate X at 08:00. It travelled 32 km and arrived at Estate Y at 08:30. The average speed of the bus was _____ km/h.

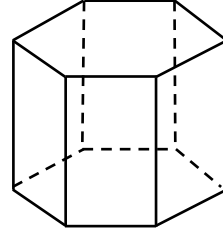
28. Which of the following 2-D shapes has only one pair of opposite sides parallel?

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

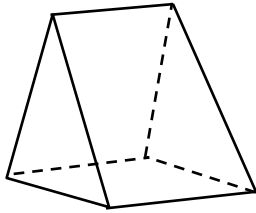
29. Which of the following 3-D shapes has 6 vertices and 9 edges?



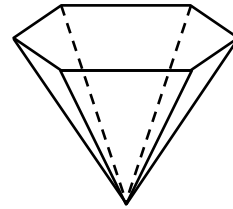
☐ A.



☐ B.



☐ C.

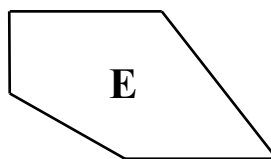
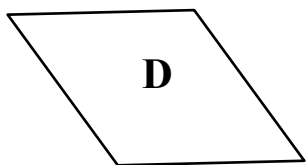
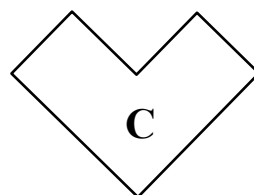
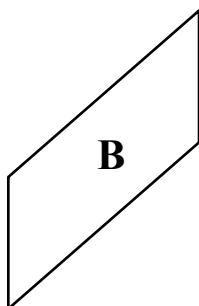
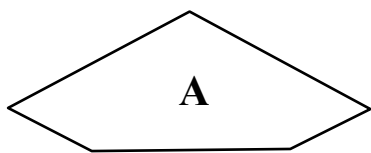


☐ D.

30. Mr Chan had x boxes of tea bags. Each box had 50 tea bags. He used 65 tea bags. How many tea bags were left?

- ☐ A. $x - 65$
- ☐ B. $(x - 65) \times 50$
- ☐ C. $65 - 50x$
- ☐ D. $50x - 65$

31. Study the 2-D shapes below. Write all the letters for the answers.



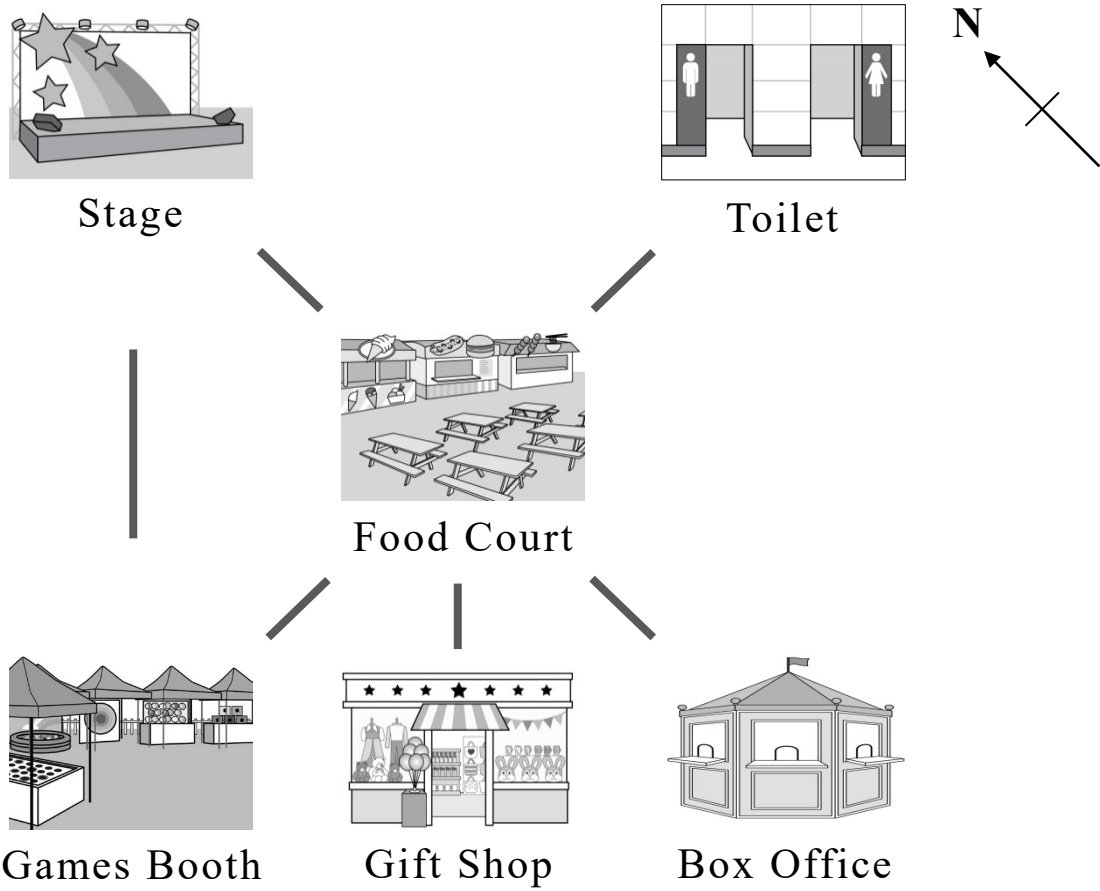
(a) Pentagon: _____

(b) Rhombus: _____

32. $\frac{w}{7} = \frac{2}{3}$

$w =$

33. The map of a fun fair is shown below.



(a) To the south of Food Court is _____ .

(b) Starting from Food Court, Henry goes
 _____ to reach Games Booth. Then he
 (direction)
 turns _____ to reach Stage.
 (direction)

Please do not write in the margin.

34. Hailey has some \$5 stamps and one \$3.4 stamp. The total value of her stamps is \$18.4. Find the number of \$5 stamps by *the method of solving an equation*.
(Show your working)

Please do not write in the margin.

35. Find the average of the five numbers below.

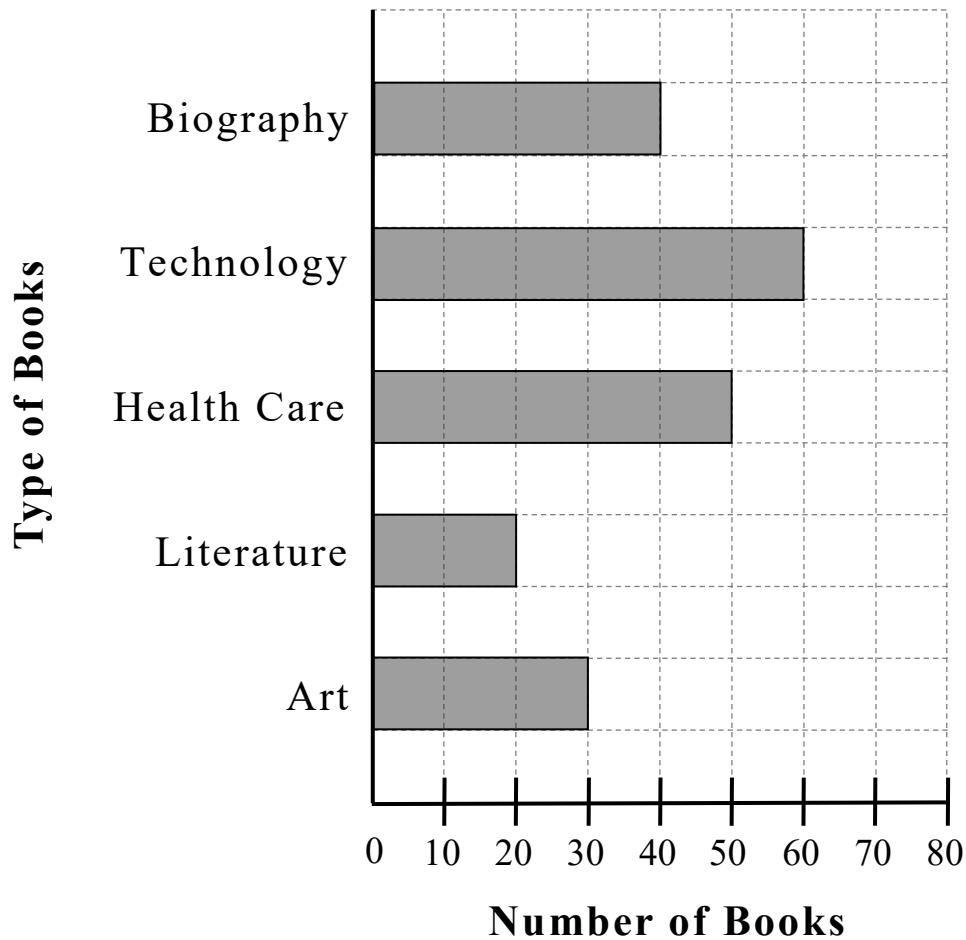
10.1 , 30.5 , 39.9 , 50 , 55.5

Answer: The average is _____ .

Please do not write in the margin.

36. The following bar chart shows the number of books borrowed from the library yesterday.

**The Number of Books Borrowed from
the Library Yesterday**



Please do not write in the margin.

- (a) The number of _____ books borrowed was the smallest. _____ books were borrowed.
- (b) The number of Technology books borrowed was _____ times that of Art books.

Please do not write in the margin.

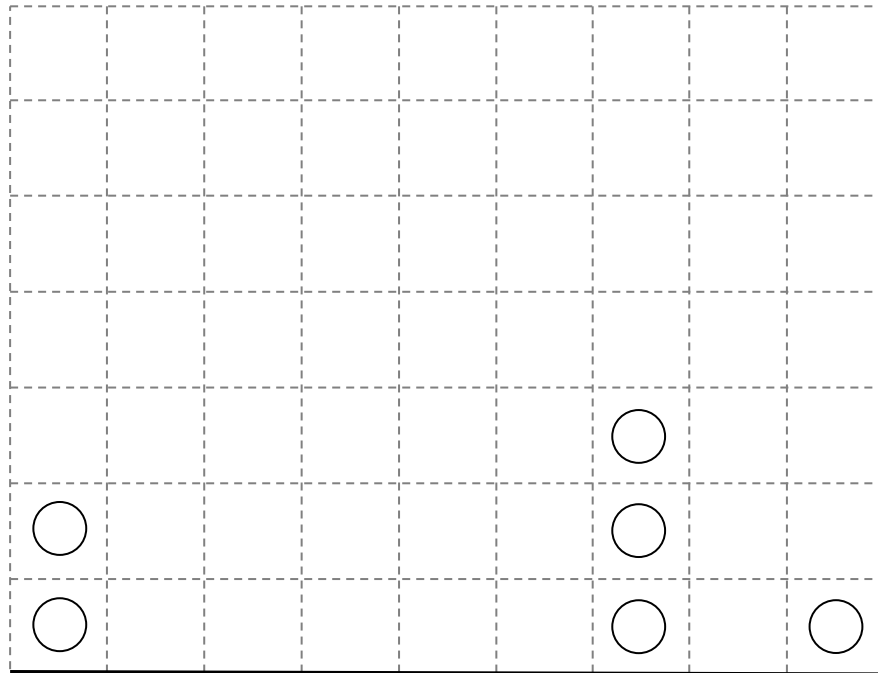
37. Ms Hui did a survey on the favourite desserts of Primary Six pupils. The results are as follows:

Dessert	Cookie	Cake	Ice Cream	Jelly	Pudding
Number of pupils	20	40	50	30	10

According to the information in the table above, complete the pictogram below. Give it a title and add the names of the desserts.

(Title)

Each ○ stands for 10 pupils



Cake

Ice
Cream

Pudding

— END OF PAPER —

Please do not write in the margin.

