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## Education Bureau Tryout Study 2016 Primary 3 Mathematics

### Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 33 questions in this test. Answer all questions.
3. Time allowed is 40 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

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Class  
班別

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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. In which of the following numbers is the digit '3' in the ten thousands place?

- ☐ A. 13 857
- ☐ B. 38 249
- ☐ C. 45 663
- ☐ D. 88 137

2. The following table shows the number of people admitted to the Food Fair in three days.

|                  | Day 1  | Day 2  | Day 3  |
|------------------|--------|--------|--------|
| Number of people | 21 056 | 21 065 | 21 506 |

Arrange the number of people from the largest to the smallest.

Answer: \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
(Largest) (Smallest)

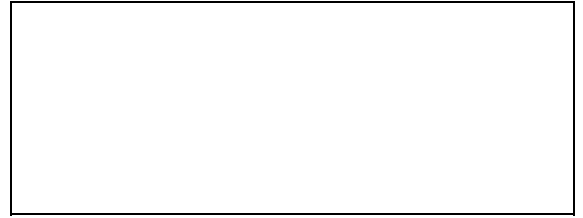
3. Write 'fifty-two thousand and six' in numerals.

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

4.  $492 + 259 =$  \_\_\_\_\_

5.  $451 - 388 =$  \_\_\_\_\_

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6.  $513 - 19 - 483 =$

- ☐ A. 11
- ☐ B. 21
- ☐ C. 111
- ☐ D. 494

7.  $392 \times 2 =$  \_\_\_\_\_

8.  $772 \div 4 =$  \_\_\_\_\_

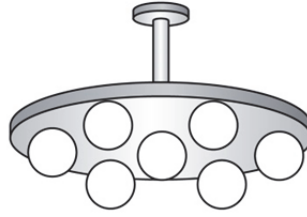
9.  $851 - 181 \times 4 =$

- ☐ A. 127
- ☐ B. 137
- ☐ C. 670
- ☐ D. 2 680

Please do not write in the margin.



10.



Each lamp has 7 light bulbs. 72 lamps have \_\_\_\_\_ light bulbs altogether.

11. There are a total of 152 children songs in 8 compact discs. Each compact disc contains \_\_\_\_\_ children songs on average.

12. Mr Lee has 480 towels. He buys 5 dozen more. Now, he has a total of

- ☐ A. 96 towels.
- ☐ B. 485 towels.
- ☐ C. 540 towels.
- ☐ D. 2 400 towels.

13.

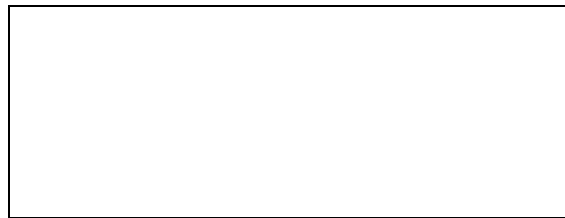


22 dollars and 10 cents

Ann buys 6 cakes.

She should pay \_\_\_\_\_ dollars and \_\_\_\_\_ cents.

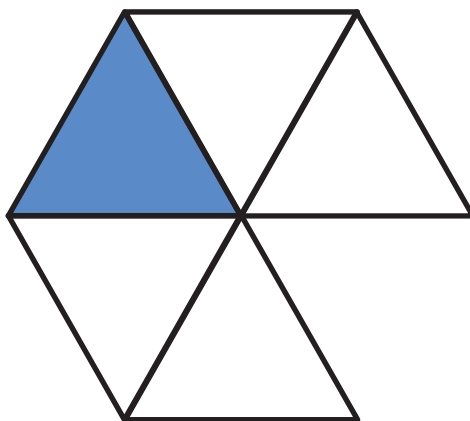
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14. Mrs Wong has 230 flowers. After selling 43 flowers, she buys 186 flowers. How many flowers does she have now?  
(Show your working)

15. In the following figure, what fraction of the whole is shaded?



Answer:  $\frac{\square}{\square}$  of the whole is shaded.

Please do not write in the margin.

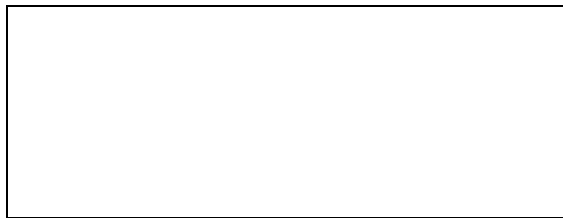
16. Mrs Wong makes 8 cakes.  $\frac{1}{4}$  of the whole are chocolate cakes and  $\frac{1}{8}$  of the whole are banana cakes. The rest are vanilla cakes.



- (a) The number of banana cakes is \_\_\_\_\_ .

- (b)  $\frac{\square}{\square}$  of the whole are vanilla cakes.

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17.



\$ 6.50

(a) A carton of apple juice costs

\_\_\_\_\_ dollars and \_\_\_\_\_ cents.

(b) Betty pays  to buy a carton of apple juice.

Circle the change returned to Betty by the shopkeeper.



Please do not write in the margin.

Please do not write in the margin.

18. Mary pays the following amount for tokens in a park.



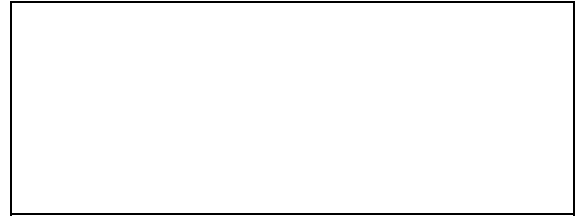
- (a) Mary pays \_\_\_\_\_ dollars for the tokens.
- (b) A token costs 20 dollars. She gets \_\_\_\_\_ tokens in total.

19. Fill in the following blanks with suitable units.

- (a) The thumb of a child is about 4 \_\_\_\_\_ long.
- (b) A pack of tissue paper weighs about 30 \_\_\_\_\_.



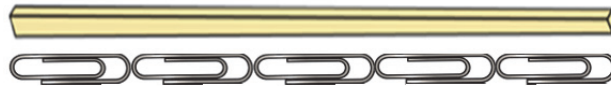
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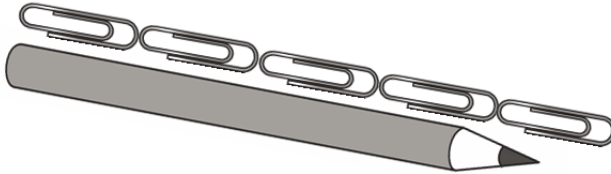
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20.

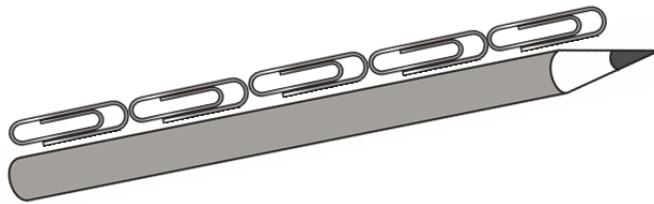
Chopstick



Pencil A



Pencil B



Pencil C



Compare the lengths of the three pencils and the chopstick in the above diagram.

Pencil \* A / B / C is longer than the chopstick.

(\*Circle the answer)

Please do not write in the margin.

21. Answer the following questions according to the calendar for May below.

| <b>May</b> |        |         |           |          |        |          |
|------------|--------|---------|-----------|----------|--------|----------|
| Sunday     | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|            |        | 1       | 2         | 3        | 4      | 5        |
| 6          | 7      | 8       | 9         | 10       | 11     | 12       |
| 13         | 14     | 15      | 16        | 17       | 18     | 19       |
| 20         | 21     | 22      | 23        | 24       | 25     | 26       |
| 27         | 28     | 29      | 30        | 31       |        |          |

- (a) Mother orders a piano. The company will deliver the piano on the third Tuesday of May.

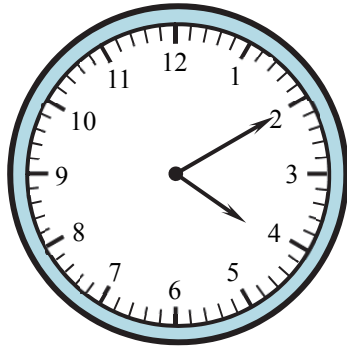
That day is the \_\_\_\_\_ of \_\_\_\_\_ .  
(month)

- (b) The piano competition starts on the 22<sup>nd</sup> of May.

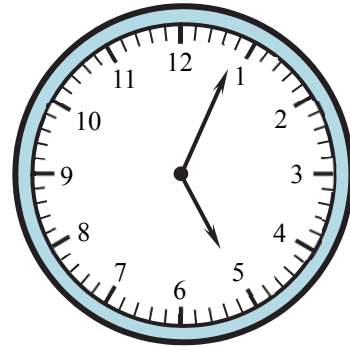
It lasts for 4 days. Lisa joins the competition on the third day.

That day is \_\_\_\_\_ .  
(day of the week)

22. The two clocks below show the starting time and the finishing time of a dance class.



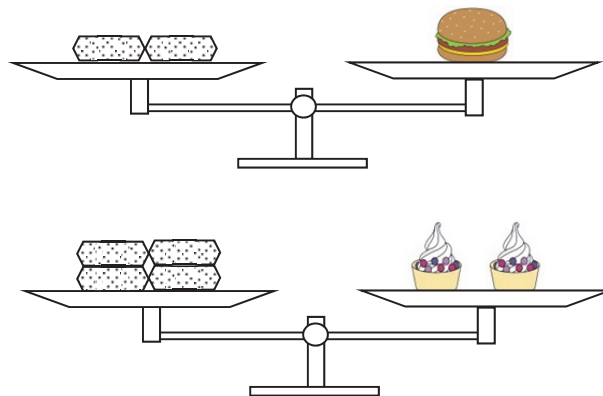
Starting Time



Finishing Time

- (a) The dance class starts at \_\_\_\_\_ minute(s) past \_\_\_\_\_ in the afternoon.
- (b) The dance class is scheduled to end at five o'clock in the afternoon. Now, it is \_\_\_\_\_ minutes late.

23.



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

- ☐ A.  is heavier than .
- ☐ B.  is heavier than .
- ☐ C.  and  weigh the same.
- ☐ D. The weights of  and  cannot be compared.

24.



of water can fill up



.



of water can fill up



.



of water can fill up



.

25.

Follow the instruction. Write down all the letters for the answers.



A.



B.



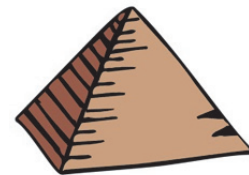
C.



D.



E.



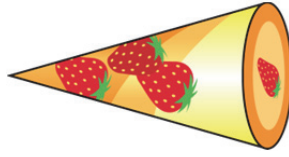
F.

List:

(a) Cylinder(s): \_\_\_\_\_

(b) Pyramid(s): \_\_\_\_\_

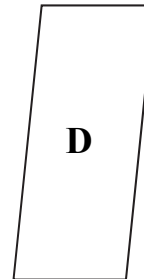
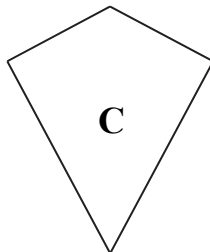
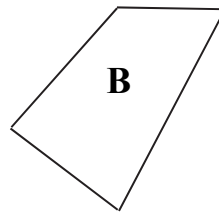
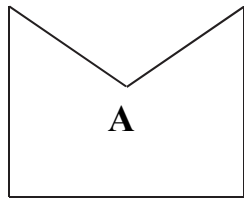
26.



The object above is a

- ☐ A. prism.
- ☐ B. cylinder.
- ☐ C. pyramid.
- ☐ D. cone.

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

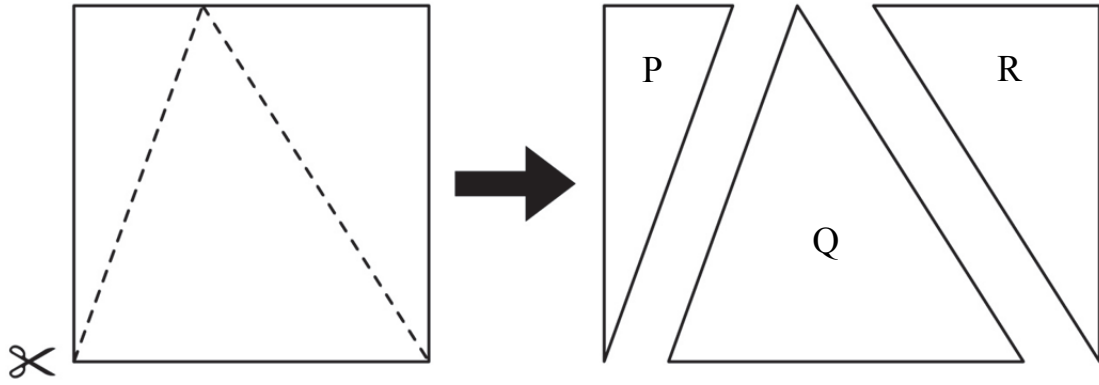


List:

(a) Pentagon(s): \_\_\_\_\_

(b) Parallelogram(s): \_\_\_\_\_

28.

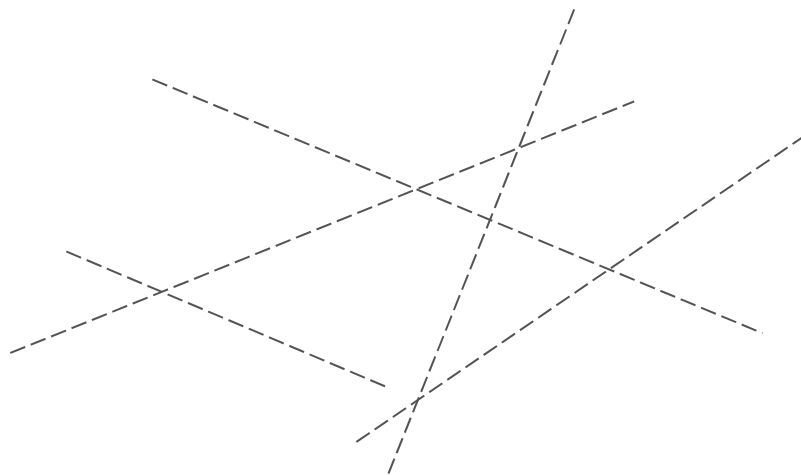


Mary cuts the square paper above along the dotted lines. She gets three triangles.

Triangle P has

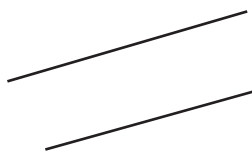
- ☐ A. two sides of equal length.
- ☐ B. three sides of equal length.
- ☐ C. a right angle.
- ☐ D. two right angles.

29. In the figure below, draw along the dotted lines to show a pair of parallel lines.

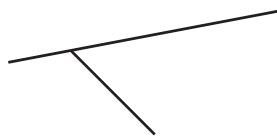


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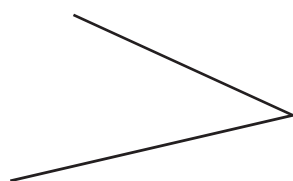
30. Which of the following figures has a right angle?



☐ A.



☐ B.



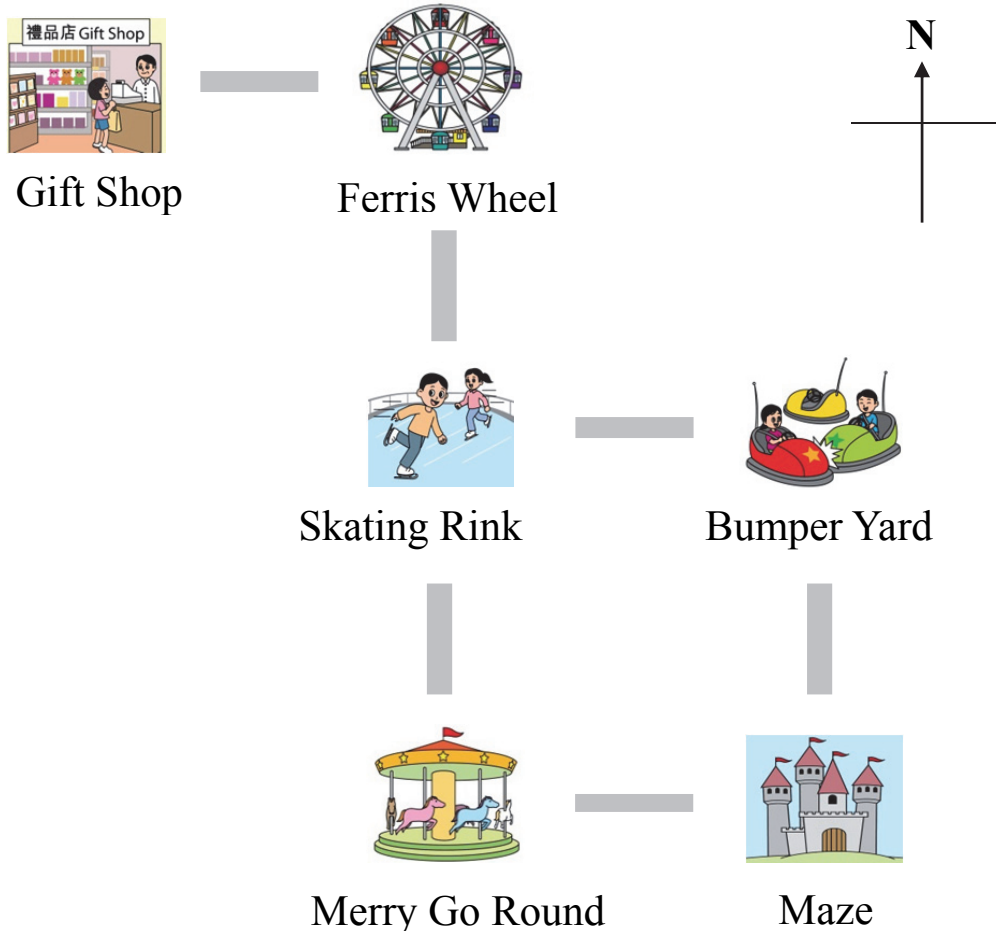
☐ C.



☐ D.

Please do not write in the margin.

31. The map of a theme park is shown below.



(a) Gift Shop is to the west of \_\_\_\_\_ .

(b) Starting from Merry Go Round, Daisy goes

\_\_\_\_\_ to Maze. She then turns  
(direction)

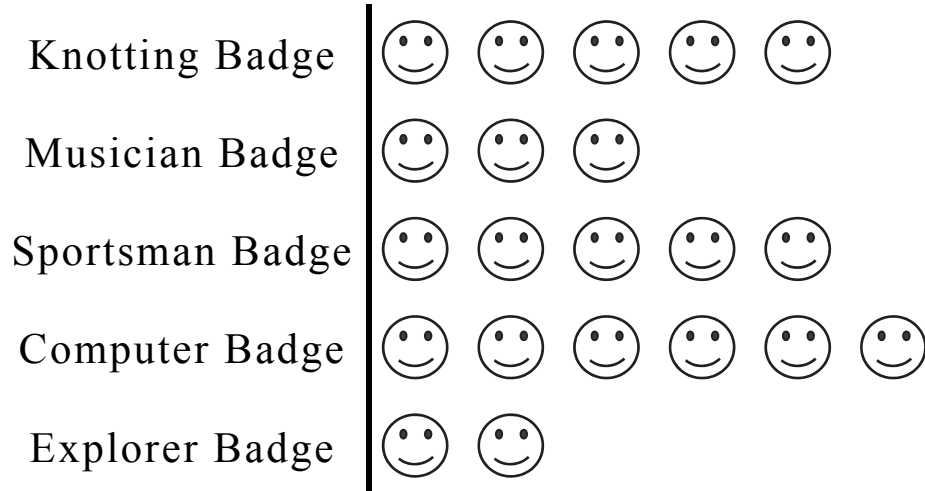
\_\_\_\_\_ to Bumper Yard.  
(direction)



32. Mr Tse did a survey of the number of P.2 scouts getting activity badges. Each scout got one badge only.

**Number of P.2 Scouts Getting Activity Badges**

Each 😊 stands for 1 person



- (a) The number of scouts getting the \_\_\_\_\_  
Badge was the least. There were only \_\_\_\_\_  
scouts.
- (b) The total number of P.2 scouts getting activity badges  
was \_\_\_\_\_ .

33. Mr Wong did a survey of the favourite mooncakes of P.3A pupils.

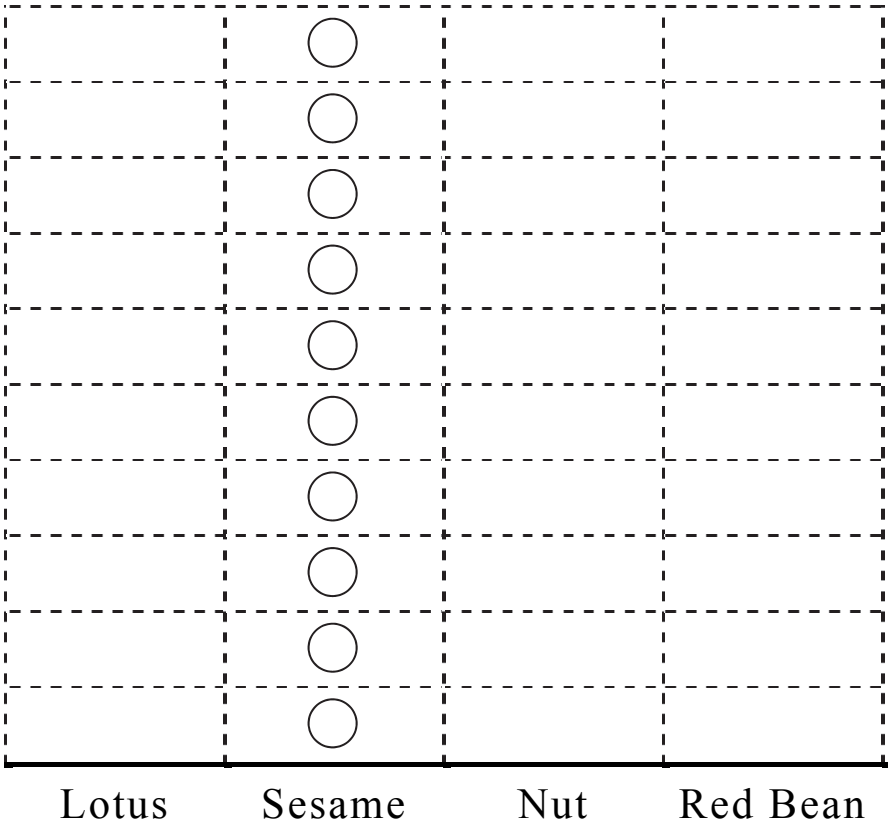
(a) According to the record, complete the table below.

| Type of mooncakes | Lotus | Sesame | Nut | Red Bean |
|-------------------|-------|--------|-----|----------|
| Record            |       | +++ ++ |     | +++      |
| Number of pupils  |       |        |     |          |

(b) According to the result, complete the following pictogram and give it a title.

(Title)

Each ○ stands for 1 pupil



— END OF PAPER —

**Do not write on this page.**  
**Answers written on this page will not be marked.**

