Education Bureau
Territory-wide System Assessment 2024
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 P ☐ ☐ ☐

Class
班別 3 ☐

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

1. Write a 5-digit number according to the instructions below.

    The digit '5' is in the units place.

    The digit '6' is in the ten thousands place.

    The digit '4' is in the tens place.

    The digit '2' is in the thousands place.

    The digit '7' is in the hundreds place.

2. Write an *even number* which is larger than 79 462 but smaller than 81 345.

    Answer: _____

3. In the number 75 902, the digit '5' stands for

    * 5 / 50 / 500 / 5 000 / 50 000 .

    (*Circle the answer)

4.　248 + 354　=　_____

5.　746 – 319 – 154　=　_____

6.　253 × 7　=　_____

7.　589 ÷ 8　=

　　○　A.　71…1

　　○　B.　73

　　○　C.　73…5

　　○　D.　76…1
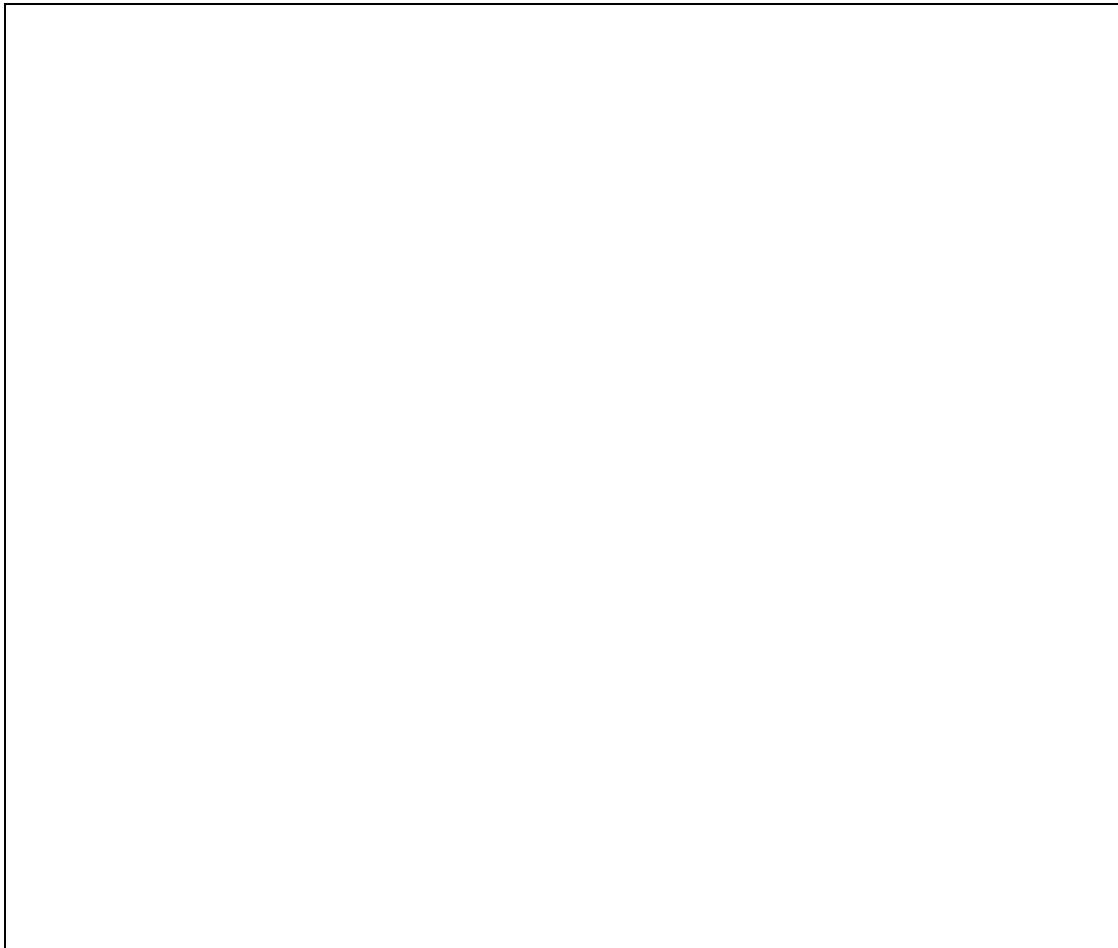
8. $869 - (82 + 39) =$ _____

9. There are some packs of candies in a candy store. The shopkeeper sells 130 packs in the morning and 258 packs in the afternoon. There are 215 packs left. How many packs of candies are there at first?

(Show your working)

10. There are 6 bookshelves in the classroom. Each bookshelf can hold 28 books. They can hold _____ books altogether.

11. Michael eats 4 lychees. Christy eats 3 times as many lychees as Michael. How many lychees do they eat altogether?

(Show your working)

Please do not write in the margin.

12. Which figure below shows that $\frac{1}{5}$ of the whole is shaded?
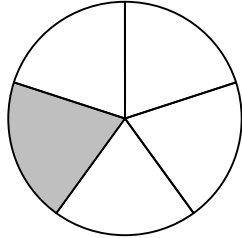
○   A.
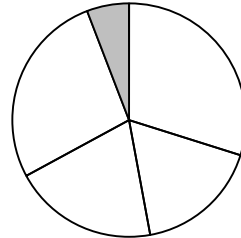
○   B.
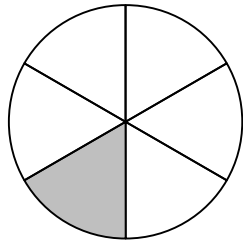
○   C.
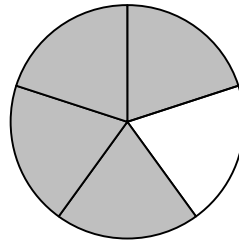
○   D.

13. Fill in the boxes with suitable numbers.

(a) $\frac{3}{8}$ is smaller than $\dfrac{\boxed{}}{8}$.

(b) $\dfrac{11}{\boxed{}}$ is equal to 1.
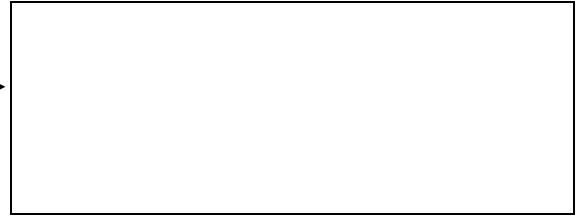
Please do not write in the margin.

14. There are some books on the bookshelf. $\frac{6}{13}$ of the whole are novels, $\frac{3}{13}$ of the whole are history books and $\frac{4}{13}$ of the whole are comics.

The number of

*   novels   /   history books   /   comics

is the fewest.

(*Circle the answer)

15.
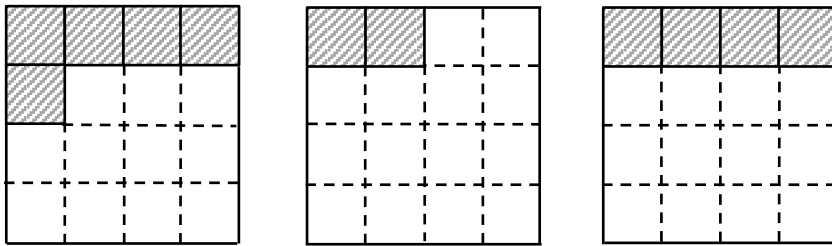
$\frac{5}{16}$ + $\frac{2}{16}$ + $\frac{4}{16}$ = $\frac{\boxed{}}{\boxed{}}$

Please do not write in the margin.

16.
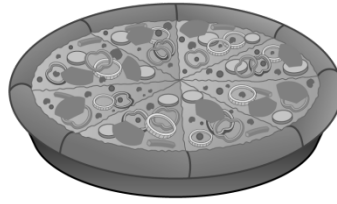
$ 123.40

(a)　A pizza costs

　　　_____ dollars and _____ cents.

(b)　Kelvin buys a pizza. Circle the amount he should pay.
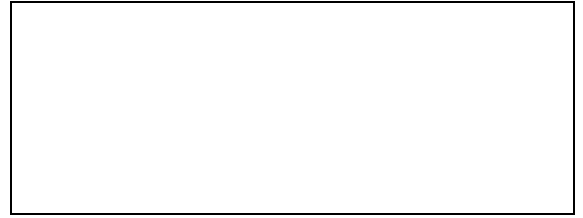
17. Compare the lengths of the three objects below.

A

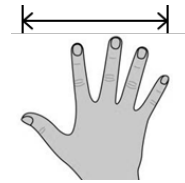B

C
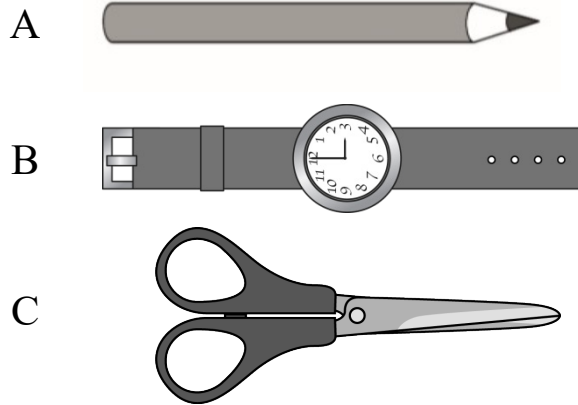
A is * longer / shorter than B.

B is * longer / shorter than C.

(*Circle the answer)

18. Which of the following is most suitable for measuring the length of a football field?

○ A.

○ B.

○ C.

○ D.
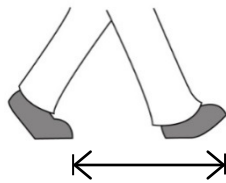
Please do not write in the margin.

19.

Which of the following is most suitable for measuring the capacity of a paper cup?
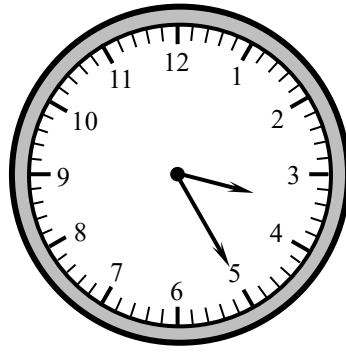
○ A.

○ B.
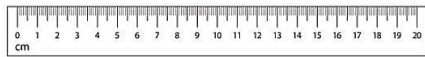
○ C.
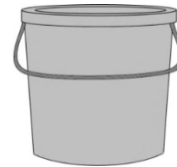
○ D.

20. Fill in the following blank with a suitable unit.
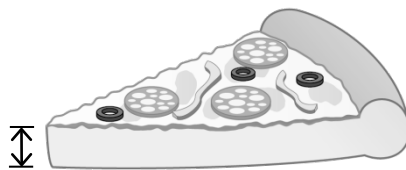
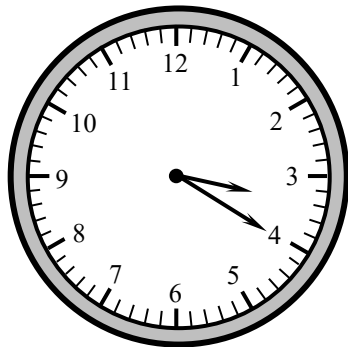The thickness of a slice of pizza is

about 10 _____ .

21.

The clock above shows the starting time of a dance lesson.

(a)   The dance lesson starts at

        _____ minute(s) past _____ in the
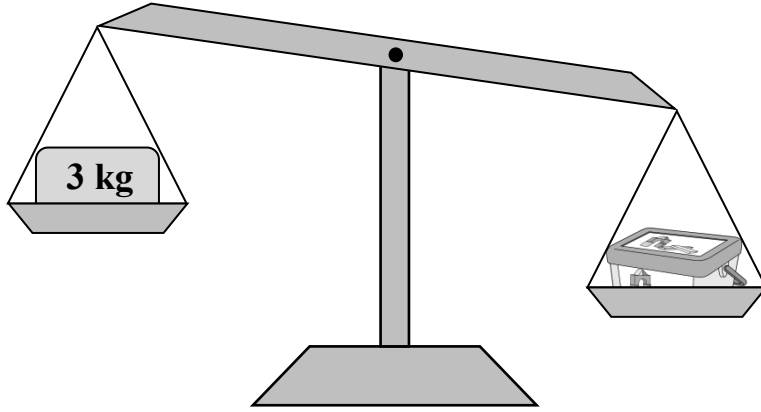
afternoon.

(b)   Susan arrives at the dance studio at

.

She arrives _____ minute(s) early.
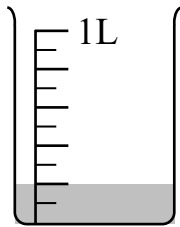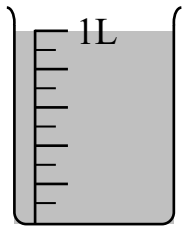
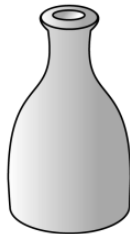22.

The weight of may be

○ A. 1 kg.
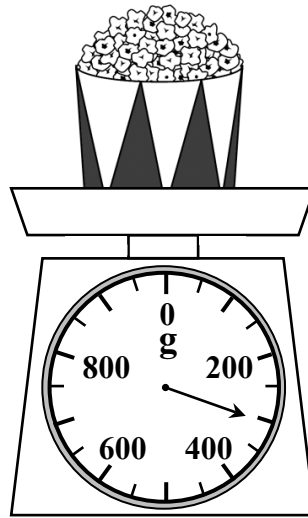
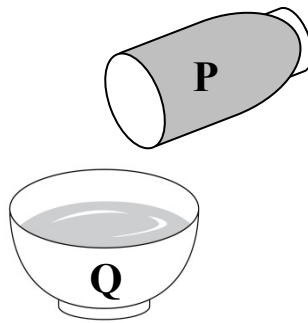○ B. 2 kg.

○ C. 3 kg.

○ D. 4 kg.

23.

 can fill up .

The capacity of is _____ mL.

24.

The weight of is _____ g.

25.

Container **P** is filled up with water while Container **Q** is empty. We now pour all the water from Container **P** to Container **Q** and Container **Q** is not full. Which of the following is correct?

○ A. The capacities of **P** and **Q** are the same.

○ B. The capacity of **P** is greater than the capacity of **Q**.

○ C. The capacity of **P** is smaller than the capacity of **Q**.

○ D. The capacities of **P** and **Q** cannot be compared.
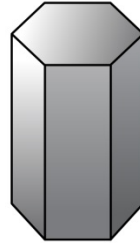
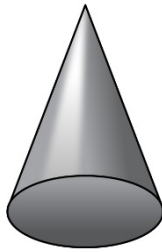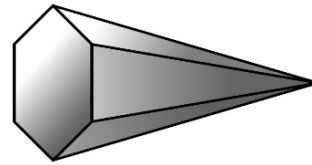26. Study the 3-D shapes below. Write down all the letters for the answers.

A. B. C.

D. E.

List:

(a) Prism(s): _____

(b) Cone(s): _____
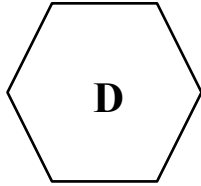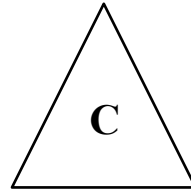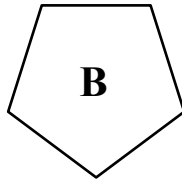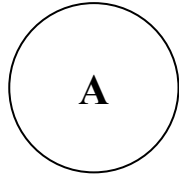
27. Study the 2-D shapes below. Write down all the letters for the answers.
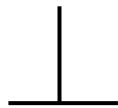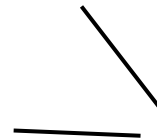
A

B

C

D

E
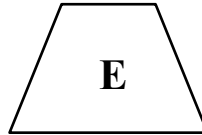
List:

(a)   Hexagon(s): _____

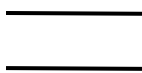(b)   Circle(s): _____

28. Which of the following figures is formed by a pair of parallel lines?
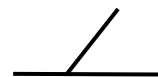
○   A.

○   B.

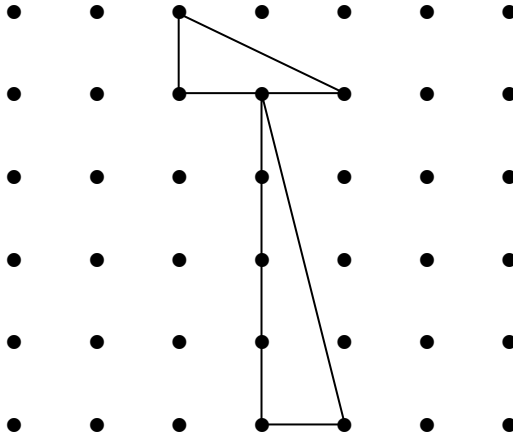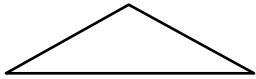○   C.

○   D.

On the pin-board, David uses rubber bands to make

○ A. two right-angled triangles.

○ B. two isosceles triangles.

○ C. an isosceles triangle and a right-angled triangle.

○ D. an equilateral triangle and a right-angled triangle.
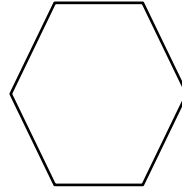
30. Study the following figures. Write down all the letters for the answers.

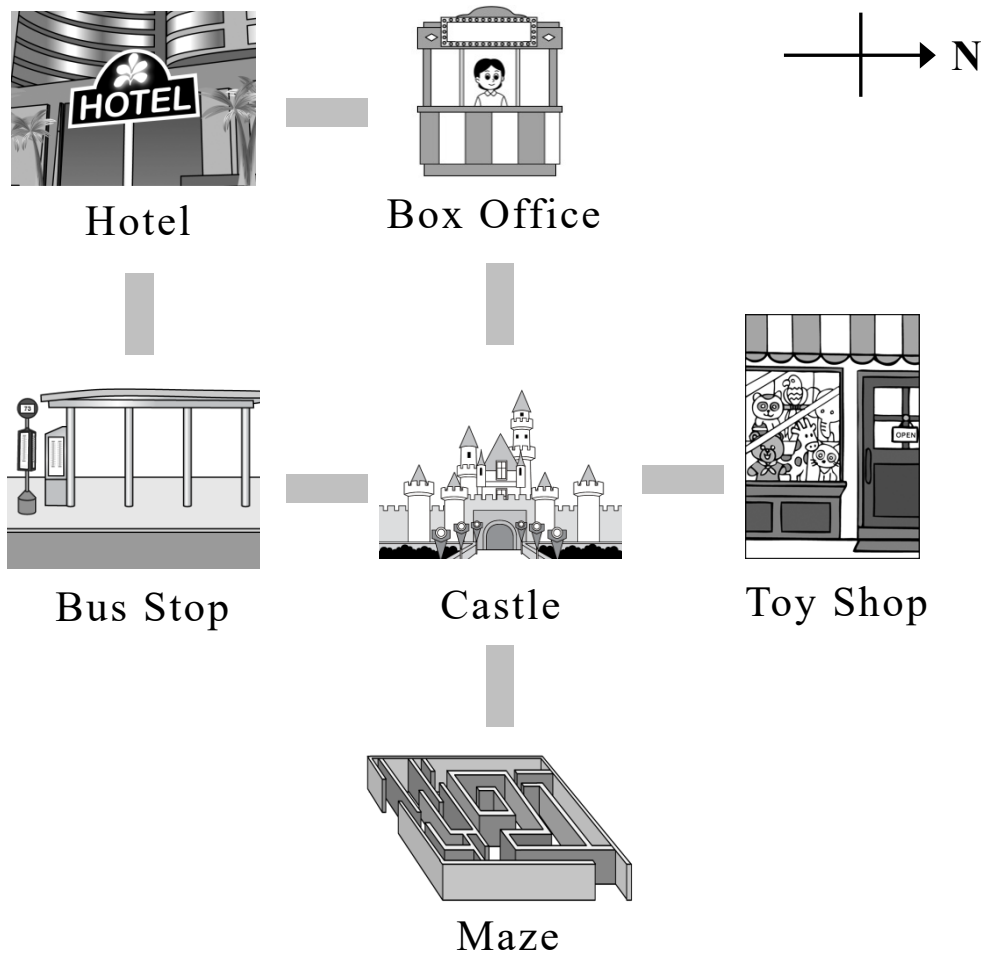A.   B.   C.   D.

(a) List the figure(s) with right angle(s).

Answer: _____

(b) List the figure(s) with acute angle(s).

Answer: _____

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

Hotel   Box Office   N

Bus Stop   Castle   Toy Shop

Maze

(a)   * Box Office / Toy Shop / Maze

is to the east of Castle.

(*Circle the answer)

(b)   Starting from Bus Stop, Tammy goes

* east / south / west / north   to reach Castle.
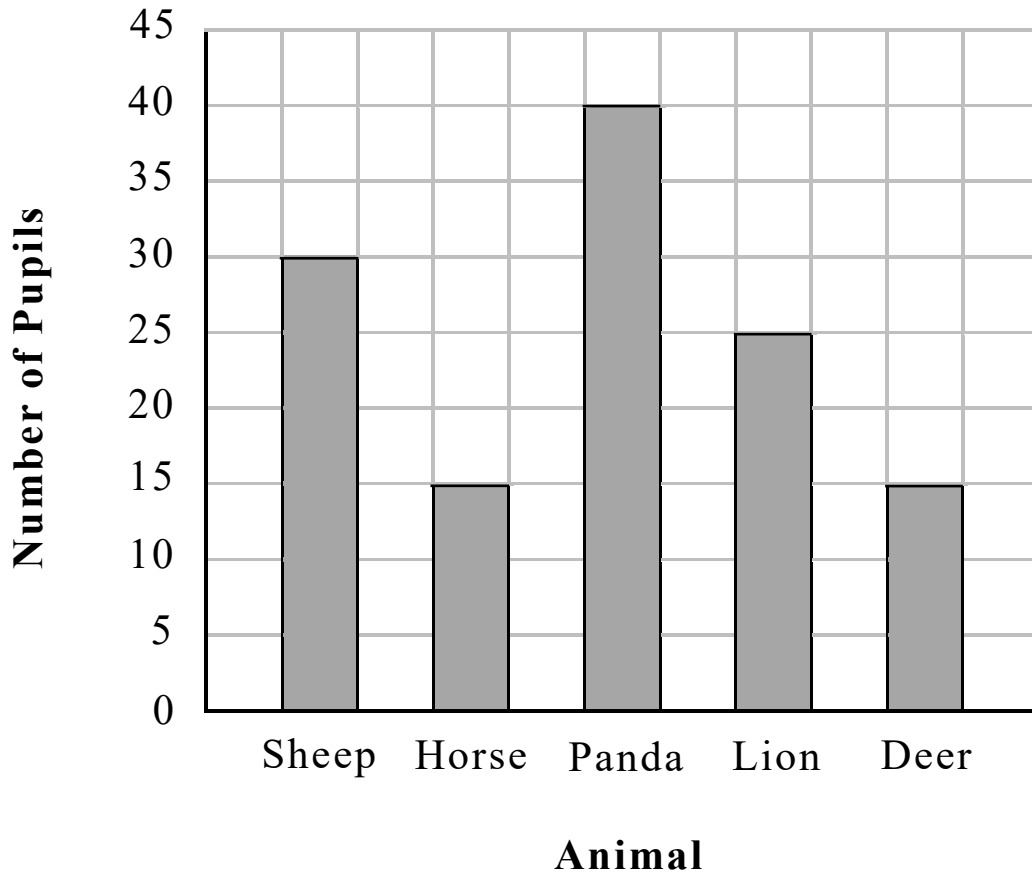
(*Circle the answer)

32. Primary three pupils voted for their favourite animals with one person having one vote only.

Favourite Animals of Primary Three Pupils

(a) The number of pupils who favoured panda was _____ .

(b) There was the same number of pupils who favoured horse and _____ .

The number of pupils who favoured each of these two kinds of animals was _____ .
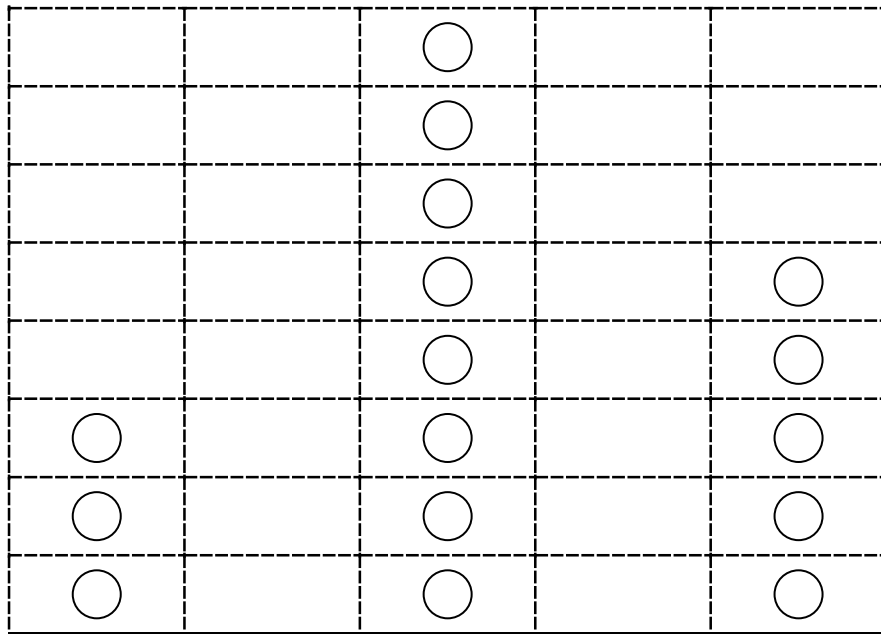
33. Ms Lee did a survey of the favourite kinds of fruit of P.3A pupils.

Fruit	Pear	Orange	Mango	Apple	Peach
Number of pupils	3	6	8	2	5

According to the results, complete the following pictogram and give it a title.

(Title)

Each ◯ stands for 1 pupil

Pear Orange [   ] Apple [   ]

— END OF PAPER —