Education Bureau
Territory-wide System Assessment 2014
Primary 3
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 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

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. The following table shows the number of people taking part in the marathon in the past three years.

Year	2011	2012	2013
Number of people	70 954	72 574	70 386

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

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

2. In the number 93 827, the digit '8' is in the

_____ place.

3. Three 5-digit numbers are arranged from the smallest to the largest.

     23 568 ,   ,   24 844
   (Smallest)   (Largest)

Fill in the blank with a suitable number.

4. $580 + 274 =$ _____

5. $823 - 333 =$ _____

2

6. $363 - (163 - 104) =$

  ○ A. 59

  ○ B. 96

  ○ C. 304

  ○ D. 314

7. $2 \times 362 = $ _____ $\times 2$

8. $192 \div 4 = $ _____

9. $547 \div 5 =$

  ○ A. 19…2

  ○ B. 109

  ○ C. 109…2
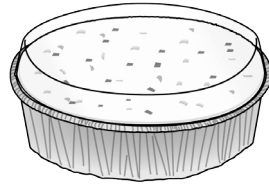
  ○ D. 190…2

10. $333 + 493 - 807 = $ _____

11.
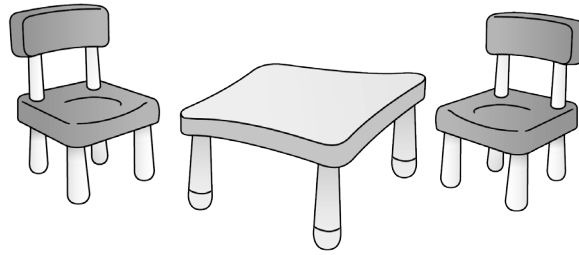
Ann pays 799 dollars for 2 chairs and 1 table. The price of each chair is 268 dollars. What is the price of the table?

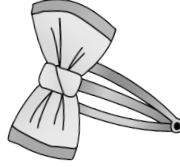Answer: The price of the table is _____ dollars.

12.

134 dollars each

Mrs Chan pays 196 dollars for 2 boxes of turnip cake which are on sale. How much does she save in total? (Show your working)

13.

Kate needs 8 cm of ribbon to make a hair clip. She has 211 cm of ribbon. How many hair clips can she make at most? How many centimetres of ribbon are left?
(Show your working)

14. In a school talent show, 307 pupils attend the show. The number of pupils attending the show is 244 more than the number of parents attending the show. How many pupils and parents attend the show altogether?

Answer: The total number of pupils and parents attending the show is _____ .

15.
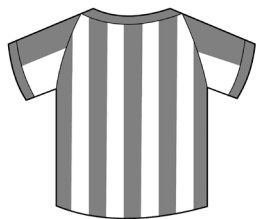
85 dollars 50 cents

Jenny has 68 dollars but wants to buy one .

She needs _____ dollars and _____ cents more.

16. There are 16 pupils in P.3B. At lunch, $\frac{3}{8}$ of the pupils choose Set A, 4 pupils choose Set B and the rest choose Set C.

(a) _____ pupils choose Set A.

(b) $\dfrac{\boxed{}}{\boxed{}}$ of the pupils choose Set C.
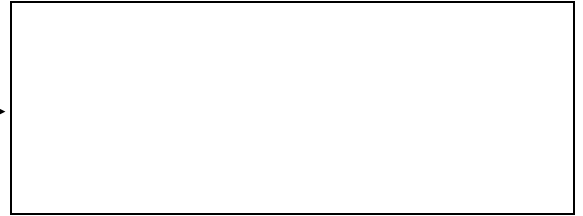
17. Fill in each box with a suitable number.

(a) 1 is equal to $\dfrac{\boxed{}}{\boxed{}}$.

(b) $\dfrac{2}{5}$ is larger than $\dfrac{\boxed{}}{\boxed{}}$.

18. Mary has a box of cookies. $\dfrac{13}{22}$ of the whole box are almond cookies, $\dfrac{7}{22}$ of the whole box are chocolate cookies and the rest are hazelnut cookies.
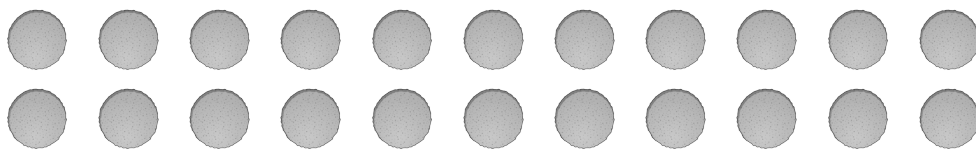
Most of the cookies are

* almond / chocolate / hazelnut cookies.

(*Circle the answer)

19. Use a pencil to shade $\frac{1}{4}$ of the whole diagram.
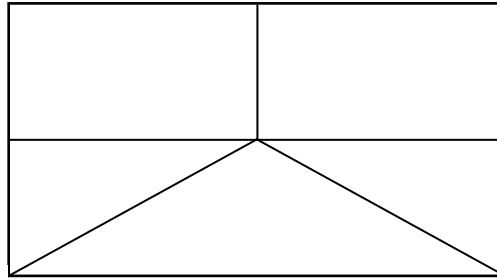
20.

$ 178.90

(a)　A pair of sports shoes costs

　　　_____ dollar(s) and _____ cent(s).
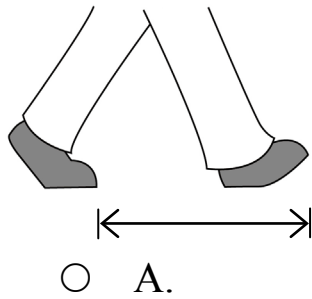
(b)　Mary buys a pair of sports shoes and pays with

2 　ONE HUNDRED　．

　Circle the change returned by the shopkeeper.
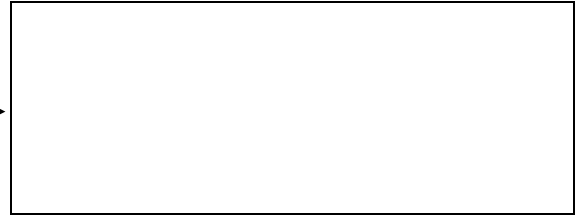
21. Which of the following is most suitable for measuring the height of a dining table?

○ A.

○ B.

○ C.

○ D.
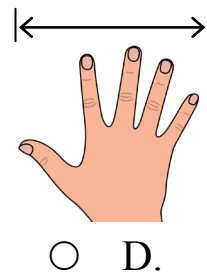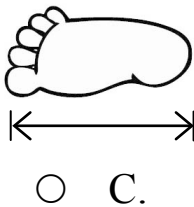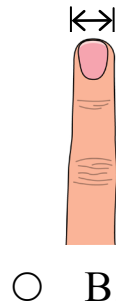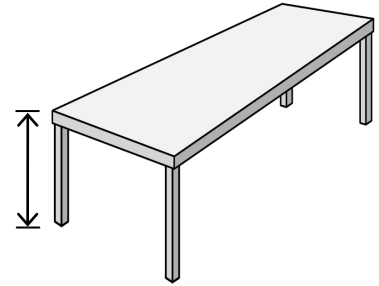
22. Fill in the following blanks with suitable units.

(a) The height of a bookshelf is about 120 _____ .

(b) A packet of instant noodle weighs about 130 _____ .

9

Go on to the next page

23. Answer the following questions according to the August calendar below.

August						
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) The 31st of July is _____ .
                              (day of the week)

(b) The School Open Day is held from the 27th of August to the 29th of August. The School Open Day lasts for _____ days.

(c) Vivian finished her summer homework on the third Thursday of August.

The date was the _____ of _____ .
                                         (month)

24. (a) The basketball match starts at $\boxed{\text{8:15 AM}}$.
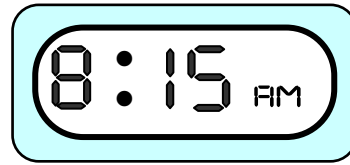
It is _____ minute(s) past _____ in the

* morning / afternoon. (*Circle the answer)

(b) The basketball match ends at $\boxed{\text{9:45 AM}}$.
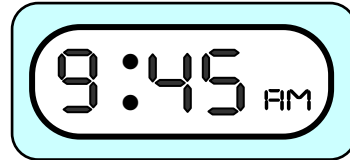
The basketball match lasts for

_____ hour(s) and _____ minute(s).

25. The timetable below shows part of a television programme.

Time	Programme
12：00	News
12：30	Soccer Corner
14：30	Cartoon film
16：15	Animal World

(a) 'Animal World' begins at

_____ minute(s) past _____ in the

* morning / afternoon. (* Circle the answer)

(b) Tim starts watching television at 1:43 p.m. 'Soccer Corner' has started for
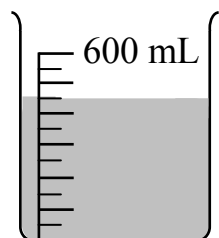
_____ hour(s) and _____ minute(s).

26.
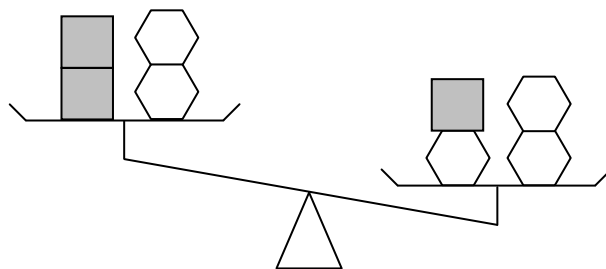
Study the diagram above. Which of the following is correct?

○　A.　▢　and　⬡　weigh the same.

○　B.　⬡　is heavier than　▢　.

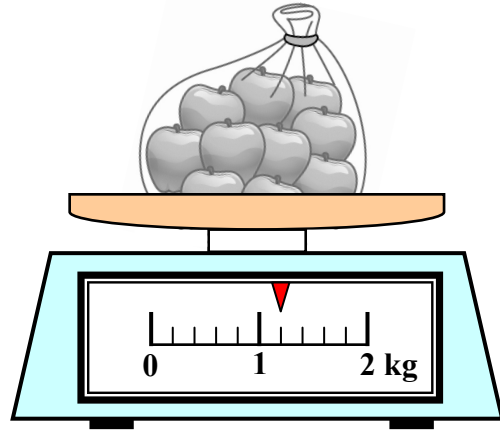○　C.　▢　is heavier than　⬡　.
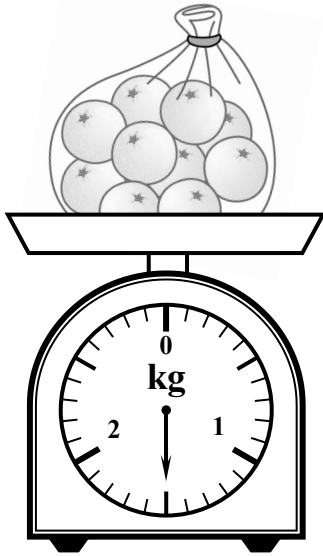
○　D.　The weights of　▢　and　⬡　cannot be compared.

27.

600 mL　　can fill up　　　.

The capacity of　　is _____ mL.

Please do not write in the margin.
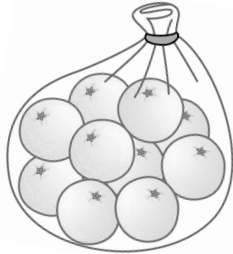
Please do not write in the margin.

28.
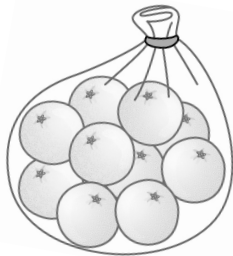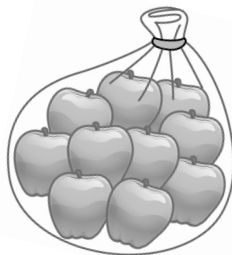
(a) weighs _____ g.

(b) is _____ g   * lighter   /

heavier than   .

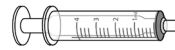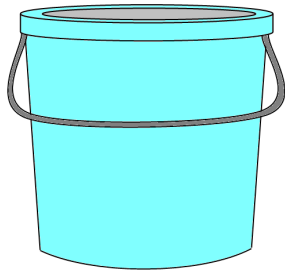(* Circle the answer)

洗髮液
shampoo

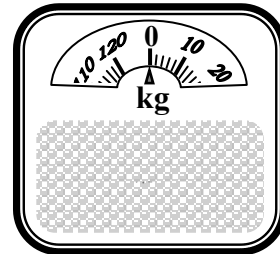Which of the following is most suitable for measuring the capacity of a bottle of shampoo?

1L

○ A.

○ B.

○ C.

kg

○ D.

30.
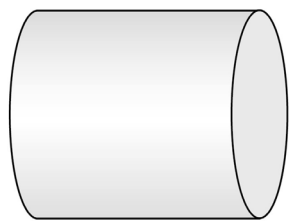
The 3-D shape above is a

○ A. cone.

○ B. pyramid.

○ C. cylinder.

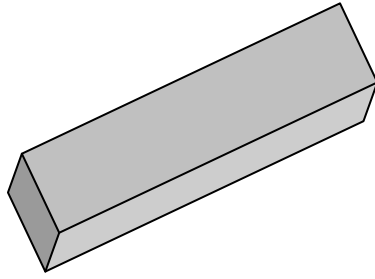○ D. prism.

31.

A

B

C

Study the diagram above. Which string is the longest?

Answer: String *   **A**   /   **B**   /   **C**   is the longest.
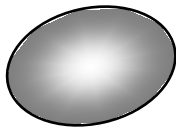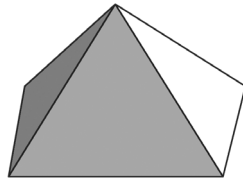
(* Circle the answer)

32.

The 3-D shape above is a

○ A. cylinder.

○ B. prism.

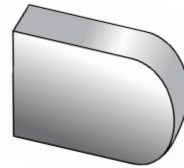○ C. pyramid.

○ D. rectangle.

33. Study the following 3-D shapes. Write down all the letters for the answers.

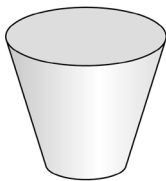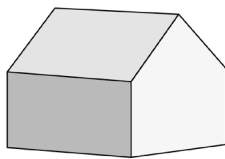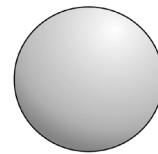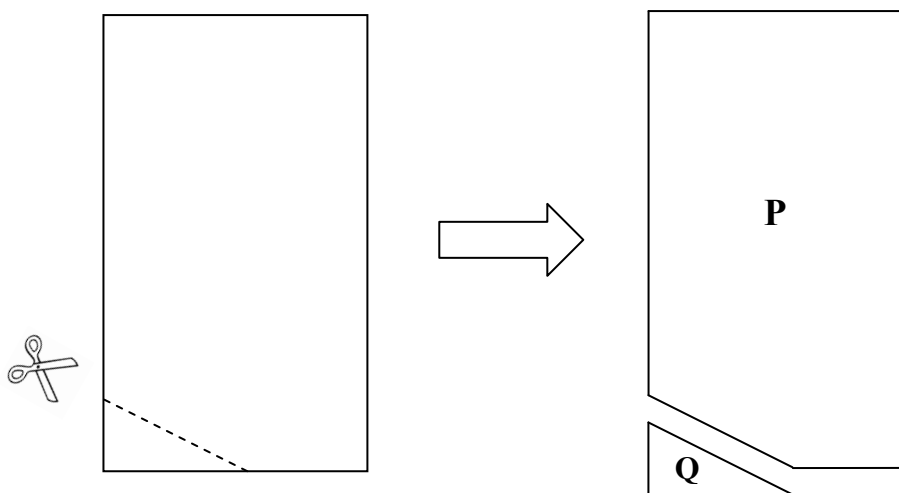A B C

D E F

List:
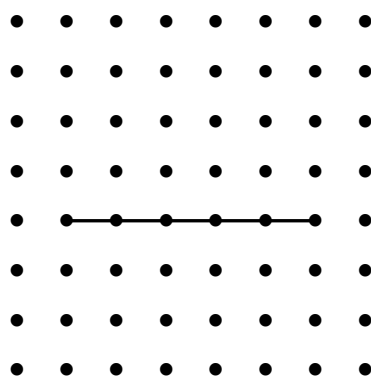
(a) Sphere(s): _____

(b) Cone(s) / Pyramid(s): _____

34.

John cuts the above rectangle along the dotted line.
He gets two figures. Figure **P** is a

○ A. triangle.

○ B. trapezium.

○ C. parallelogram.

○ D. pentagon.

35. Draw a straight line perpendicular to the line given in the figure below.

36. In the figure below, draw along the dotted lines to show a pair of parallel lines.
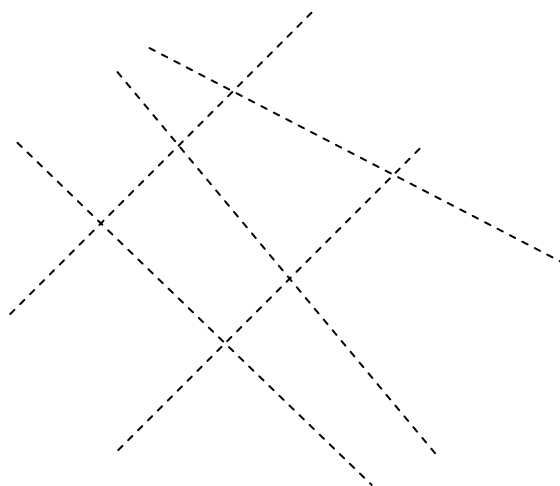
37.
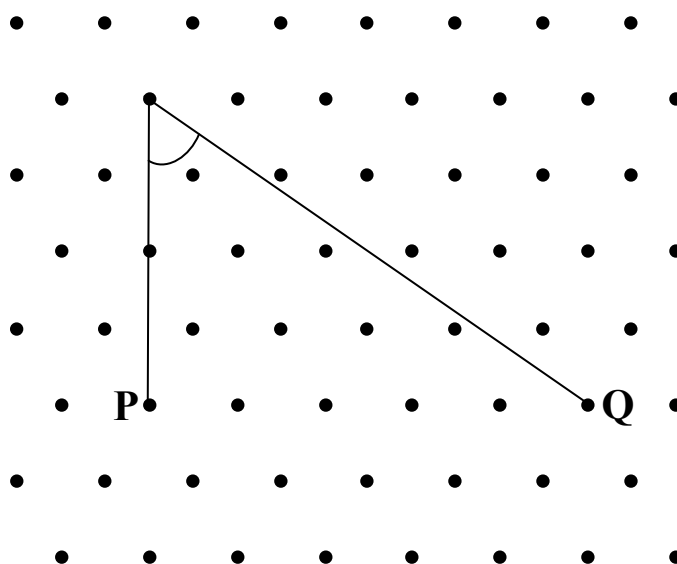
(a)   The angle in the diagram above is

 * larger than / equal to / smaller than   a right angle.

(* Circle the answer)

(b)   Join the points **P** and **Q** with a straight line.
You can form

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

(* Circle the answer)

38. Mrs Wong did a survey of the number of people making different desserts. Each person made one dessert only.
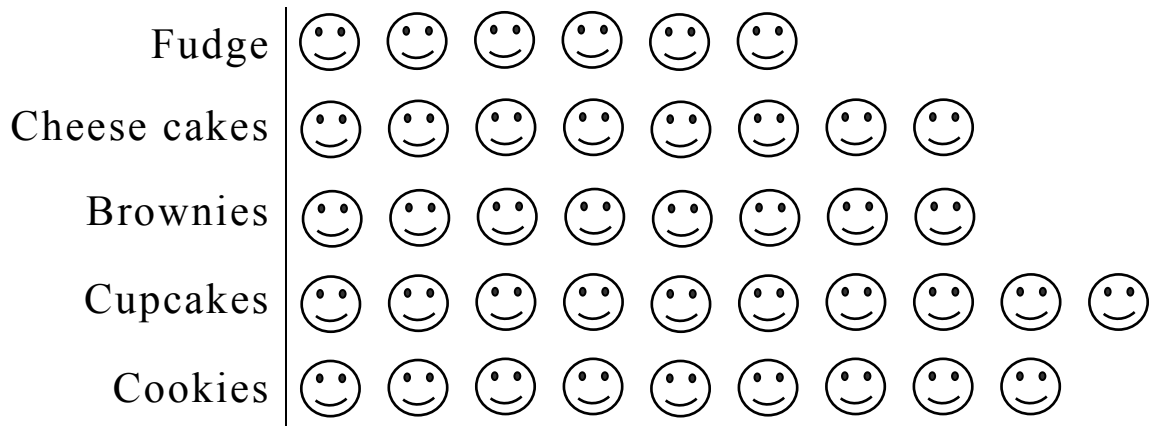
Number of People Making Different Desserts

Each ☺ stands for 1 person

Fudge | ☺ ☺ ☺ ☺ ☺ ☺
Cheese cakes | ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
Brownies | ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
Cupcakes | ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
Cookies | ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺

(a) The least popular dessert was _____ .
There were _____ people making it.

(b) The number of people making cookies was
_____ * more / less than that of making
cupcakes . (* Circle the answer)

(c) The total number of people making different desserts
was _____ .

Please do not write in the margin.
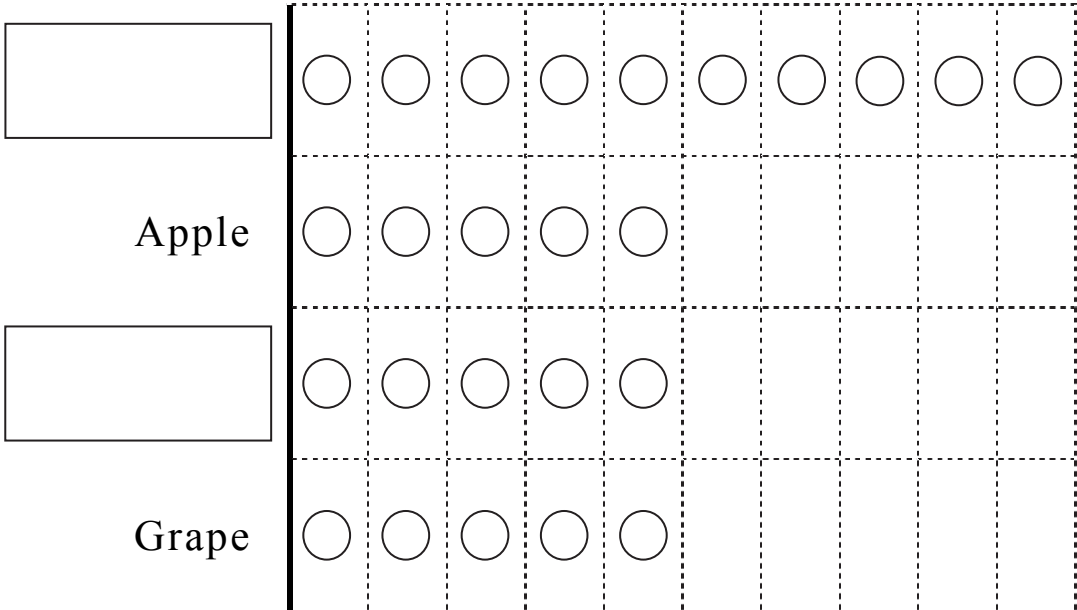
Please do not write in the margin.

39. Tim did a survey of the number of boxes of fruit juice in the restaurant.

Fruit juice	Orange	Apple	Mango	Grape
Number of boxes	10	9	8	8

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

(Title)

Each ◯ stands for 1 box

— END OF PAPER —

Prepared by the Hong Kong Examinations and Assessment Authority