



3	M	E	1
---	---	---	---

--

↑
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 2014
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 38 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

Please do not write in the margin.

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

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)

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

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

Fill in the blank with a suitable number.

4.	$580 + 274 =$
----	---------------

5.		$823 - 333 =$	
----	--	---------------	--

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.

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

- ☐ A. 59
☐ B. 96
☐ C. 304
☐ D. 314

7. $2 \times 362 = \underline{\hspace{2cm}} \times 2$

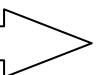
8. $192 \div 4 = \underline{\hspace{2cm}}$

9. $547 \div 5 =$

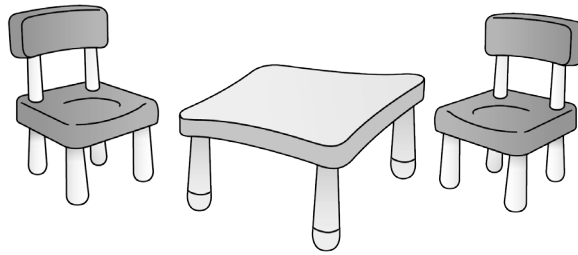
- ☐ A. 19...2
☐ B. 109
☐ C. 109...2
☐ D. 190...2

10. $333 + 493 - 807 = \underline{\hspace{2cm}}$

Please do not write in the margin.



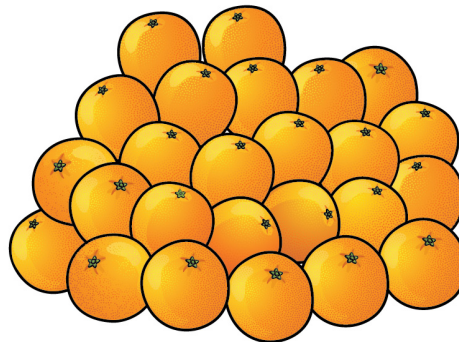
11.



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.



10 dollars for 4

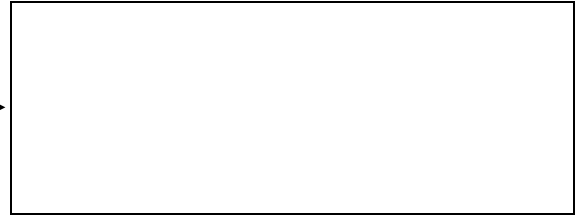
Each orange costs

_____ dollars and _____ cents on average.

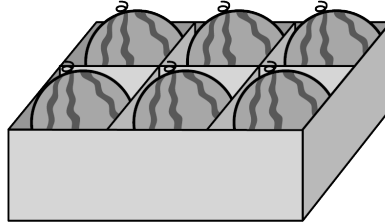
13. In a shop, a stamp will be given for every purchase of 115 dollars. Winnie receives 4 stamps. At least how much does she spend?

Answer: She spends at least _____ dollars.

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



14.



Each box can hold 6 watermelons. Mr Chan packs 208 watermelons into boxes. At least how many boxes does he need?
(Show your working)

15. The table below shows the rainfall from March to May.

March	82 mm
April	174 mm
May	304 mm

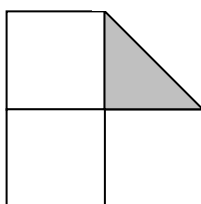
The total rainfall in March and April is less than that in May by _____ mm.

Please do not write in the margin.

Please do not write in the margin.

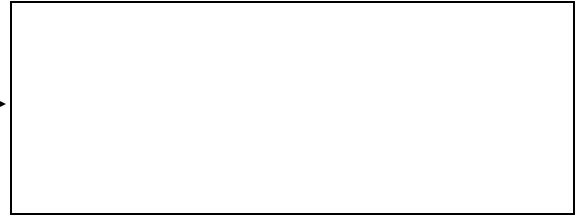
16. There are 546 passengers on the train. The number of passengers on the bus is 485 less than that on the train. How many passengers are there on the train and on the bus altogether?
(Show your working)

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



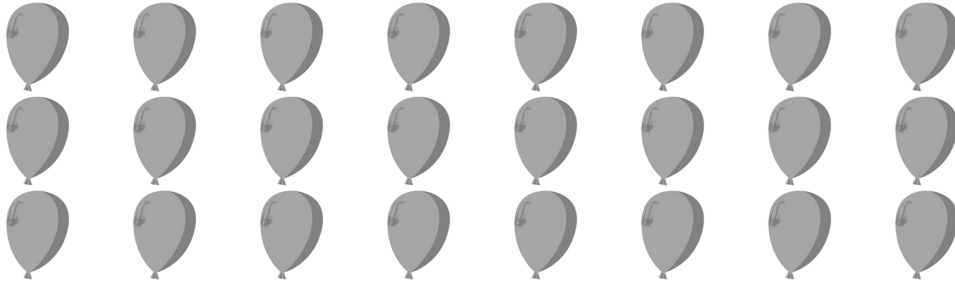
Answer: $\frac{\square}{\square}$ of the whole is shaded.

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.

18. A clown has 24 balloons. $\frac{1}{3}$ of the balloons are red and 7 balloons are blue.



(a) _____ balloons are red.

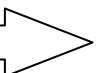
(b) $\frac{\square}{\square}$ of all the balloons are blue.

19. Arrange the following fractions from the smallest to the largest.

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

Answer : $\square$, $\square$, $\square$
(Smallest) (Largest)

Please do not write in the margin.



20. Miss Chan buys some books for P.3 classes. P.3A gets $\frac{1}{4}$ of all the books, P.3B gets $\frac{1}{8}$ of all the books and P.3C gets $\frac{5}{8}$ of all the books.

Which class gets the least number of books?

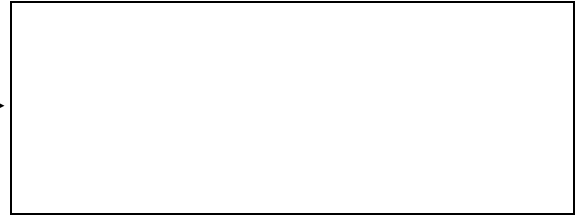
Answer: * P.3A / P.3B / P.3C gets the least number of books. (*Circle the answer)

21. Amy pays the following amount for the bus fare.



- (a) She uses _____ 5-dollar coin(s) to pay the fare.
- (b) She pays _____ dollar(s) and _____ cent(s) for the bus fare.

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.

22. (a) 1  can be exchanged

for _____



(b) 1  can be exchanged for _____ .

(c) 12  can be exchanged

for _____



23. Fill in the following blanks with suitable units.

(a) The width of a student card is about 5 _____.

(b) The weight of a watch is about 150 _____.

(c) The Aberdeen Tunnel is about 2 _____ long.

Please do not write in the margin.

Please do not write in the margin.

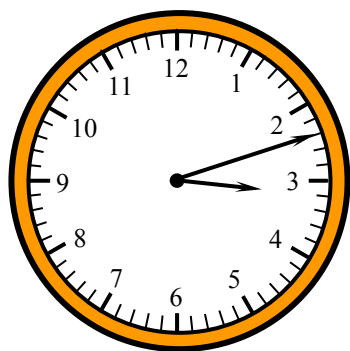
24. Answer the following questions according to the October calendar below.

October						
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		

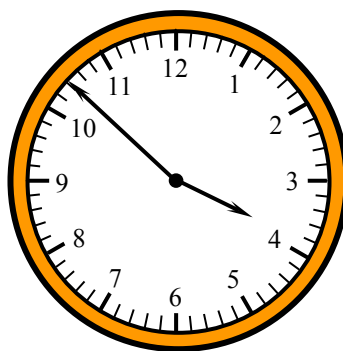
- (a) The football lessons are held on Mondays and Fridays. In October, there are _____ days with football lessons.
- (b) Terry is a member of the football class. Starting from the 8th of October, he was sick and did not go to school for 4 days. So he was absent from the football lesson on the _____ of _____ .
(month)
- (c) Terry joined a football match on the fourth Saturday of October. The date was the _____ of _____.
(month)

Please do not write in the margin.

25. The two clocks below show the starting time and finishing time of a drawing class.



Starting Time



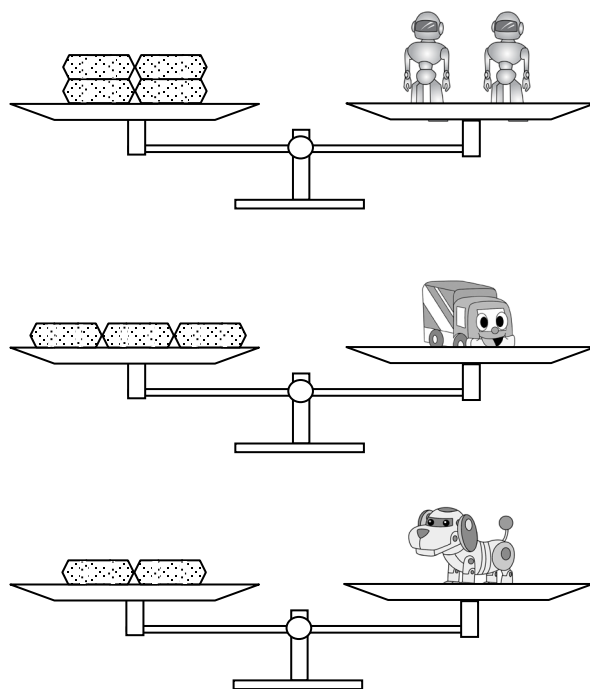
Finishing Time

- (a) The drawing class starts at _____ minute(s) past _____ in the afternoon.
- (b) Using '24-hour time', the finishing time of the drawing class is _____ : _____ .
- (c) The drawing class lasts for _____ minute(s).

Please do not write in the margin.

Please do not write in the margin.

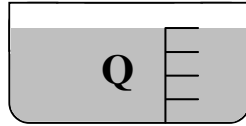
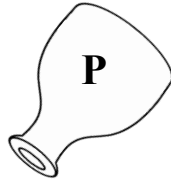
26.



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

- ☐ A.  and  weigh the same.
- ☐ B.  is heavier than  .
- ☐ C.  is lighter than  .
- ☐ D.  is the heaviest.

27.



Fill up Container **P** with water, then pour all the water into Container **Q**.

Which of the following is correct?

- ☐ A. The capacity of **Q** is smaller.
- ☐ B. The capacity of **Q** is larger.
- ☐ C. The capacities of **P** and **Q** are the same.
- ☐ D. The capacities of **P** and **Q** cannot be compared.

28.



of water can fill up



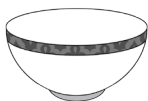
.



of water can fill up



.

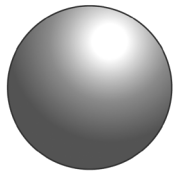


of water can fill up



.

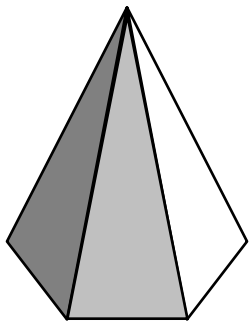
29.



The 3-D shape above is a

- ☐ A. sphere.
- ☐ B. cone.
- ☐ C. cylinder.
- ☐ D. circle.

30.

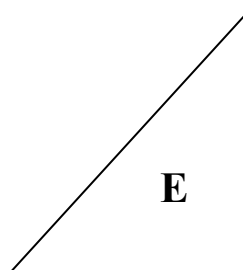
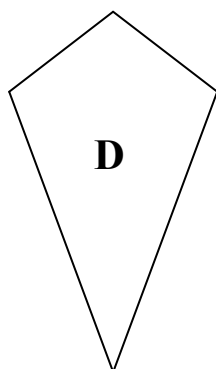
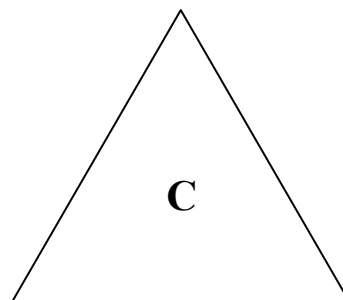
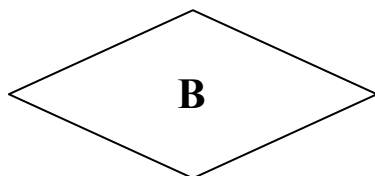
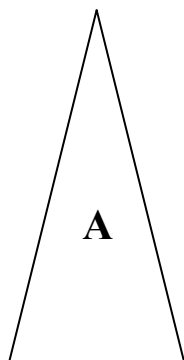


The 3-D shape above is a

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

Please do not write in the margin.

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



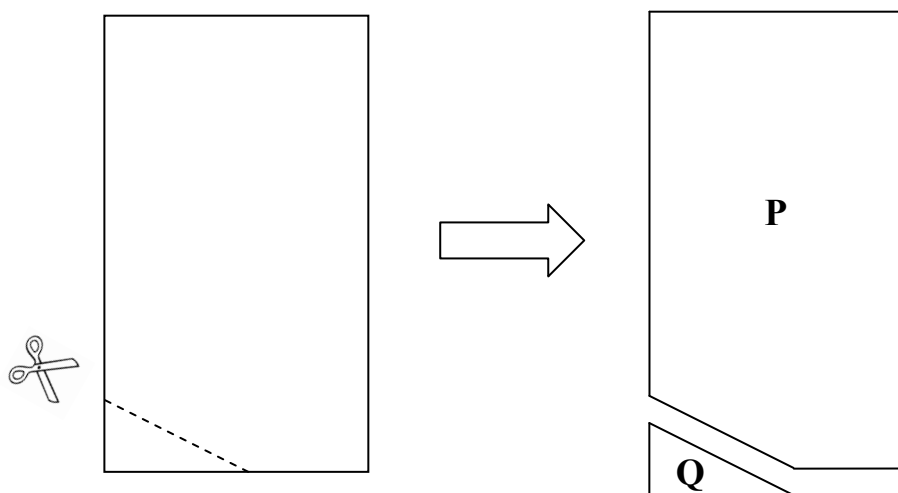
List:

(a) Rhombus(es): _____

(b) Equilateral triangle(s): _____

Please do not write in the margin.

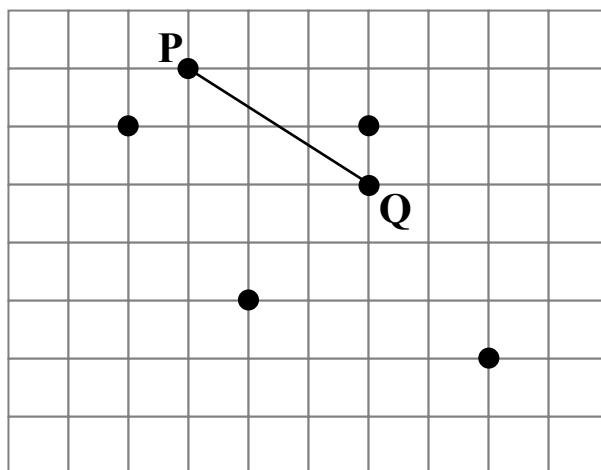
32.



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

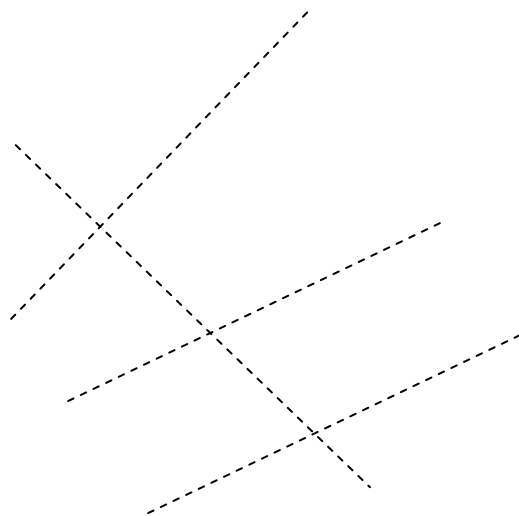
* an equilateral / a right-angled / an isosceles triangle. (* Circle the answer)

33. Choose two points in the diagram below. Join them to make a pair of parallel lines with line **PQ**.



Please do not write in the margin.

34. In the figure below, draw along the dotted lines to show a pair of perpendicular lines.



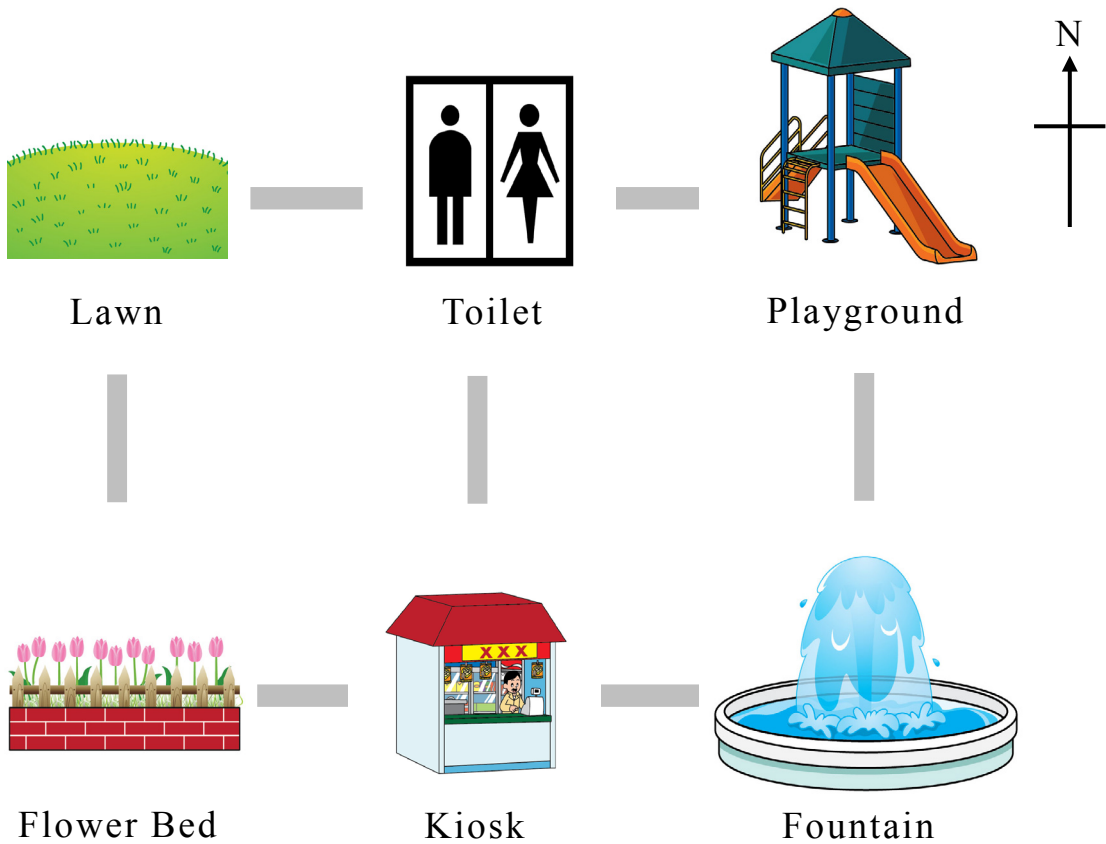
35. Study the three angles **a**, **b** and **c** below.



The largest angle is * **a** / **b** / **c** .
(*Circle the answer)

Please do not write in the margin.

36. The following is the map of a park.



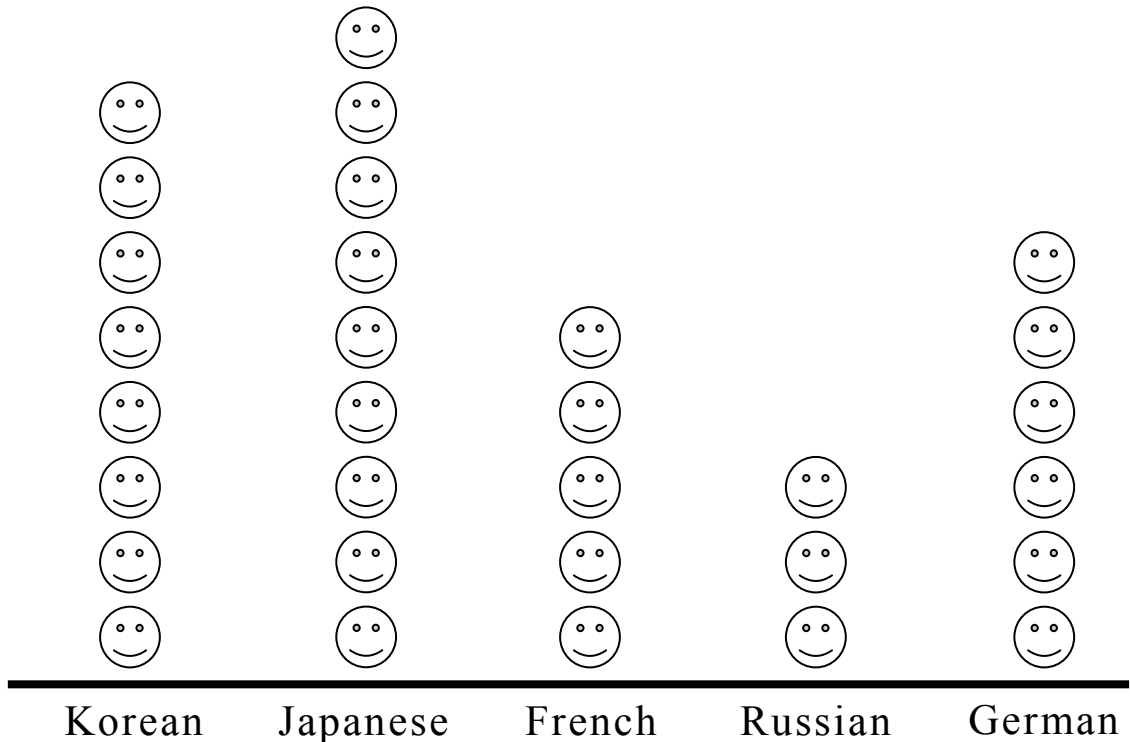
- (a) Flower Bed is to the * east / south / west / north of Lawn. (*Circle the answer)
- (b) Starting from Fountain, John goes * east / south / west / north to Kiosk. He then turns * east / south / west / north to reach Toilet. (*Circle the answer)

Please do not write in the margin.

37. Mr Chan did a survey of the number of pupils learning foreign languages. Each pupil chose one language only.

Number of Pupils Learning Foreign Languages

Each  stands for 1 pupil



Please do not write in the margin.

- (a) The most popular language was _____.
There were _____ pupils.
- (b) The number of pupils learning _____ was
_____ less than those learning French.
- (c) The total number of pupils learning foreign languages
was _____.

38. Miss Yip did a survey of the number of P.3 pupils joining different dance classes. Each pupil chose one class only.

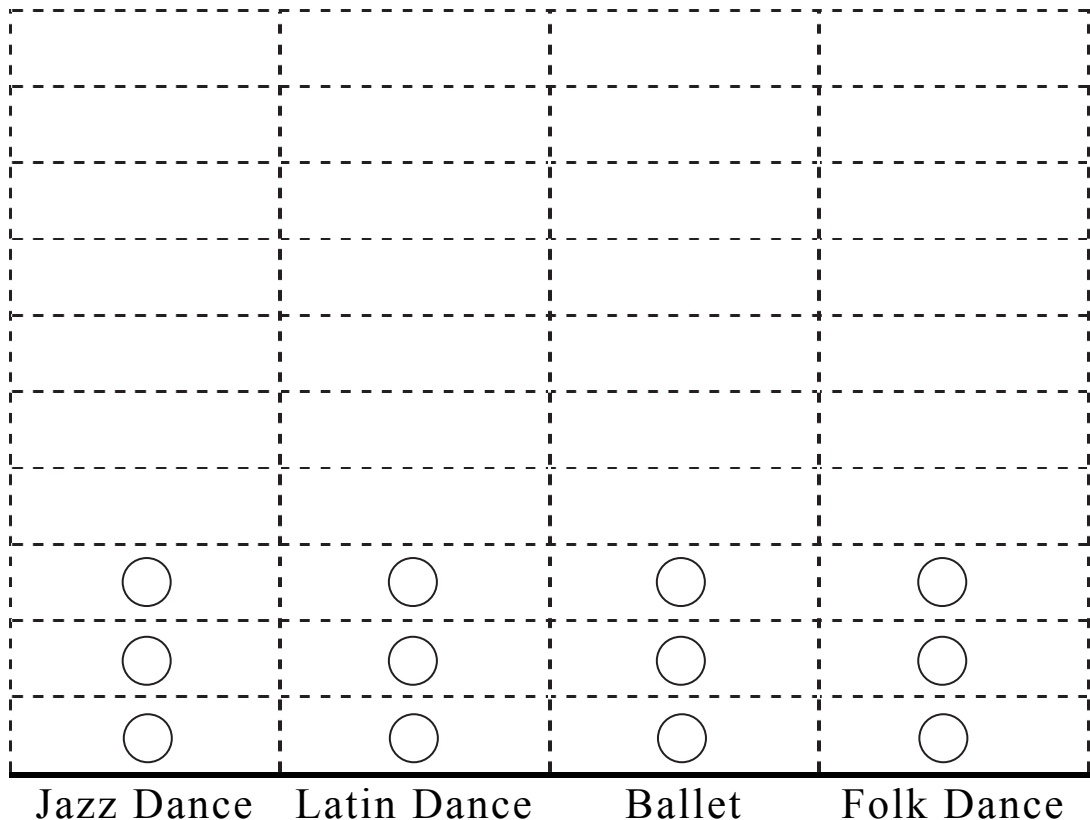
(a) According to the record, complete the table below.

Class	Jazz Dance	Latin Dance	Ballet	Folk Dance
Record				
Number of pupils		10		

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

(Title)

Each ○ stands for 1 pupil



— END OF PAPER —