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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 2013**  
**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

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Class  
班別

3	
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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 '1' in the tens place?

- ☐ A. 19 456  
☐ B. 45 619  
☐ C. 54 691  
☐ D. 91 456

2. The following table shows the numbers of primary teachers over the past three years.

Year	2010	2011	2012
Number of primary teachers	22902	21905	21880

Arrange the numbers of primary teachers from the smallest to the largest.

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

3. Write the number '46 035' in words.

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

4.  $73 + 803 =$  \_\_\_\_\_

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Please do not write in the margin.

5.  $233 - 158 =$  \_\_\_\_\_

6.  $529 - (289 - 137) =$

- ☐ A. 103
- ☐ B. 203
- ☐ C. 377
- ☐ D. 477

7.  $7 \times 161 =$  \_\_\_\_\_

8.  $612 \div 3 =$  \_\_\_\_\_

9.  $151 \div 5 =$

- ☐ A. 31
- ☐ B. 3...1
- ☐ C. 30
- ☐ D. 30...1

10.  $455 - 55 \times 3 =$

- ☐ A. 165
- ☐ B. 290
- ☐ C. 390
- ☐ D. 1200

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11.



The weight of one piece of cake is 136 g. What is the weight of 4 pieces of cake?

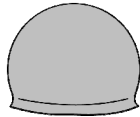
Answer: The weight of 4 pieces of cake is \_\_\_\_\_ g.

12.



Swimsuit

205 dollars

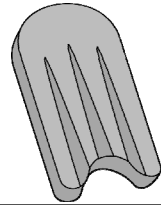
Swimming  
cap

59 dollars



Swimming goggles

139 dollars



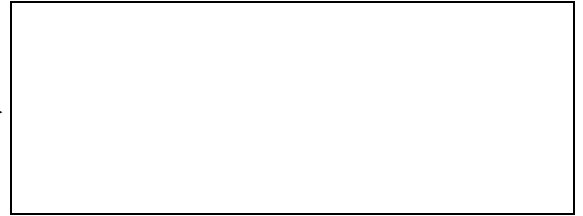
## Kickboard

87 dollars

Sandy buys a swimsuit and a pair of swimming goggles. She pays with a 500-dollar note. How much change should she get?

(Show your working)

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Please do not write in the margin.

13. Mr Wong divides a bag of sweets among 26 pupils. Each pupil gets 6 sweets and 17 sweets are left. How many sweets are there in the bag originally?  
(Show your working)

14. A florist can make 21 bouquets of flowers each day. How many bouquets can 6 florists make in **one week**?

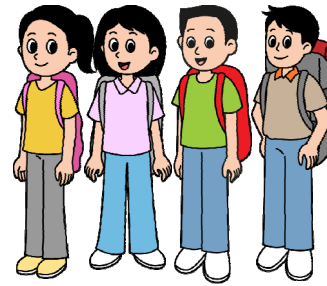


- ☐ A. 126 bouquets
- ☐ B. 782 bouquets
- ☐ C. 842 bouquets
- ☐ D. 882 bouquets

Please do not write in the margin.

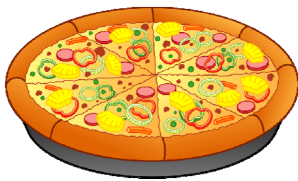
15.

**Special Train Fare**  
Only 42 dollars for 4 people



Brian and his three friends take the train. Each of them pays \_\_\_\_\_ dollars and \_\_\_\_\_ cents on average.

16.

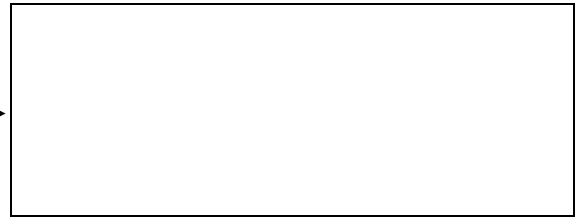


Original Price: 159 dollars  
Special Price: 98 dollars 80 cents

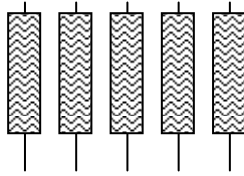
William buys a pizza at the special price.

He saves \_\_\_\_\_ dollars and \_\_\_\_\_ cents.

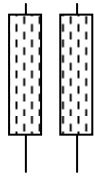
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Please stick the barcode label in the box



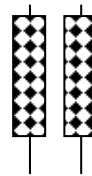
17. Jenny buys 12 sticks of roasted meat.



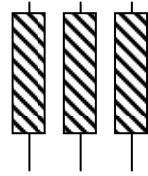
Beef



Pork



Chicken

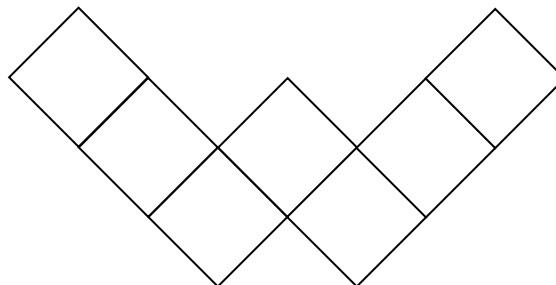


Lamb

(a)  $\frac{\square}{\square}$  of all the roasted meat is pork.

(b) Jenny eats  $\frac{1}{4}$  of all the roasted meat. That is \_\_\_\_\_ sticks of roasted meat.

18. The following diagram is made up of squares of equal size. Use a pencil to shade  $\frac{3}{7}$  of the whole diagram.



Please do not write in the margin.

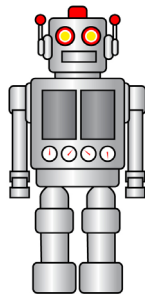
Please do not write in the margin.

19. Fill in the boxes with suitable numbers.

(a) 1 is equal to  $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$ .

(b)  $\frac{5}{8}$  is smaller than  $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$ .

20.



\$ 84.50

(a) A robot costs \_\_\_\_\_ dollar(s) and \_\_\_\_\_ cent(s).

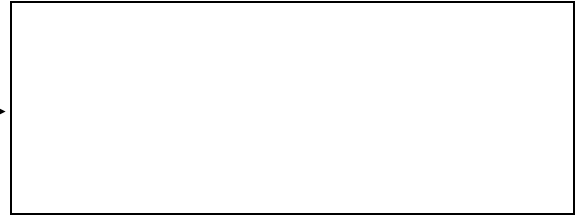
(b) John pays  for the robot.

Circle the change returned by the shopkeeper.





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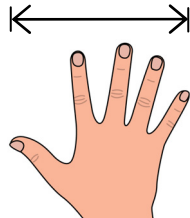
21. Which of the following is most suitable for measuring the width of the remote control of a television?



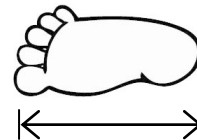
☐ A.



☐ B.



☐ C.



☐ D.

22. Fill in the following blanks with suitable units.

(a) The height of Lantau Peak is about 934 \_\_\_\_\_ .

(b) A packet of ketchup weighs about 10 \_\_\_\_\_ .

Please do not write in the margin.

Please do not write in the margin.

23. Answer the following questions according to the calendar of December 2012.

December						
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 school holds a Christmas party on the third Thursday of December.

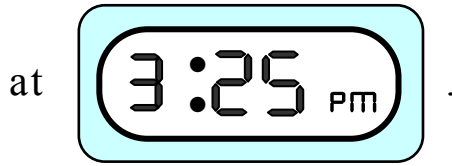
That day is the \_\_\_\_\_ of \_\_\_\_\_ .  
(month)

- (b) Irene starts her Christmas holiday on the 22<sup>nd</sup> of December. The last day of her Christmas holiday is the 30<sup>th</sup> of December.

She has \_\_\_\_\_ days for her Christmas holiday.

- (c) The first day of 2013 is \_\_\_\_\_ .  
(day of the week)

24. (a) Mary goes home from the school

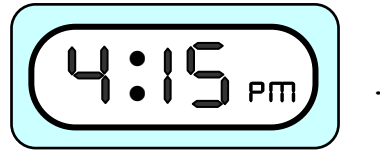


The time is \_\_\_\_\_ minutes

\* past / to \_\_\_\_\_ in the \* morning / afternoon.

(\* Circle the answer)

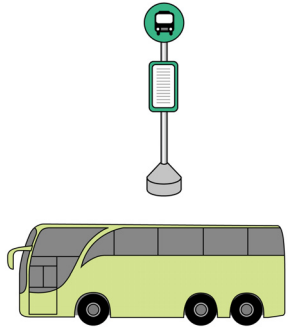
- (b) Mary reaches home at



She takes \_\_\_\_\_ minutes to go home from the school.

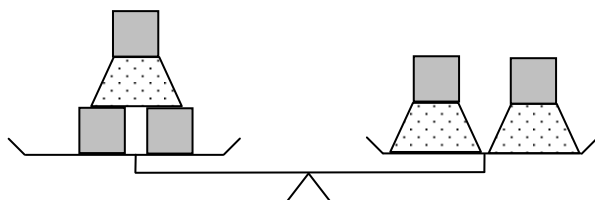
25. The following is the timetable of shuttle buses departing from Happy Estate everyday.

Departure Time					
12:00	12:30	13:00	13:30	14:00	14:30
15:00	15:30	16:00	16:30	17:00	17:30
18:00	18:30	19:00	19:30	20:00	20:30
21:00	21:30				











- (a) The shuttle bus departs from Happy Estate every \_\_\_\_\_ minutes.
- (b) The last shuttle bus departs at \_\_\_\_\_ : \_\_\_\_\_ \* a.m. / p.m.  
(\* Circle the answer)

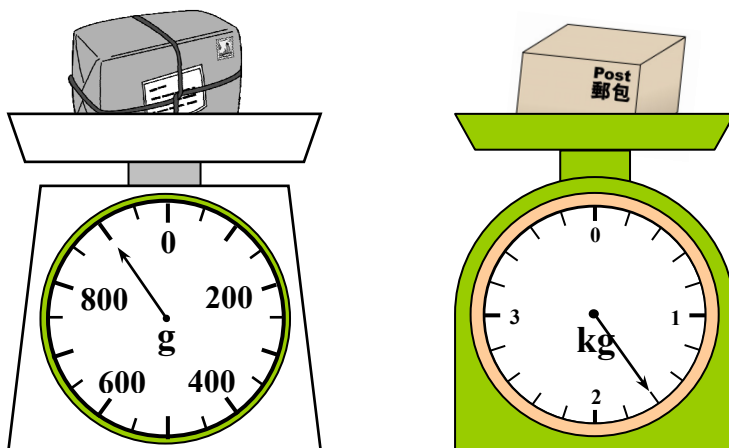
26.

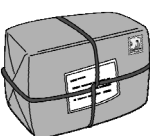


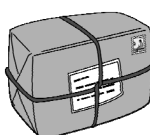
Study the diagram above. Which of the following is correct?

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

27.



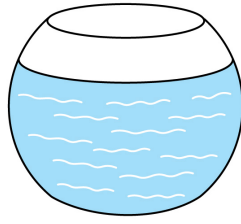
(a)  weighs \_\_\_\_\_ g.

(b)  is \_\_\_\_\_ g

\* lighter / heavier than  
( \* Circle the answer )



28. Pour 1 L of water into the container **X**. The diagram below shows the result.



**X**

The capacity of the container **X** is

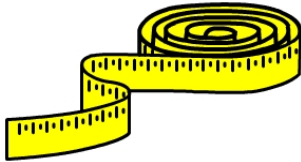
\* smaller than / equal to / larger than 1 L.

(\* Circle the answer)

- 29.



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



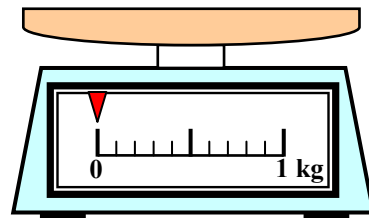
☐ A.



☐ B.

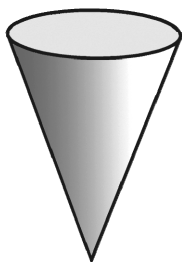


☐ C.



☐ D.

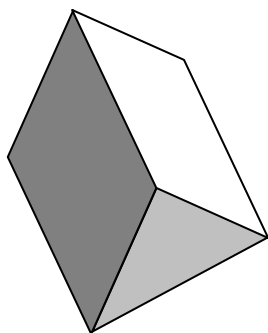
30.



The 3-D shape above is a

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

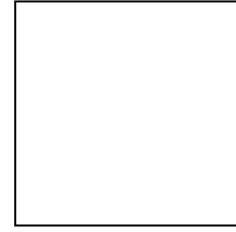
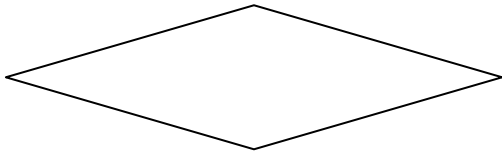
31.



The 3-D shape above is a

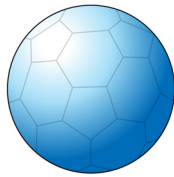
- ☐ A. triangle.
- ☐ B. rectangle.
- ☐ C. prism.
- ☐ D. pyramid.

32. Name the following quadrilaterals.



(a) Answer: \_\_\_\_\_ (b) Answer: \_\_\_\_\_

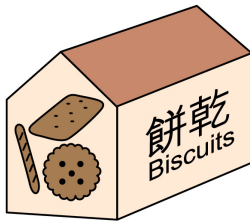
33. Follow the instructions. Write down all the letters for the answers.



A



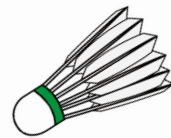
B



C



D



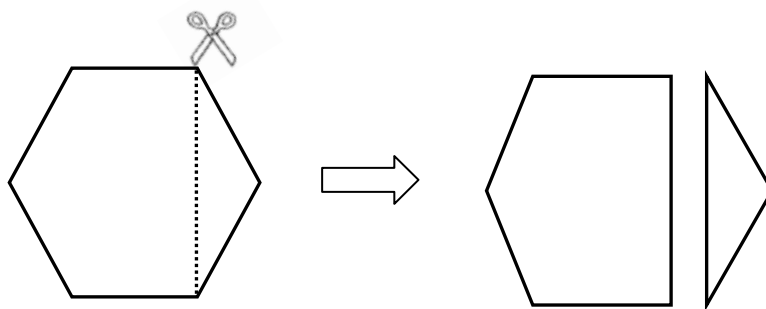
E

List:

(a) Sphere(s): \_\_\_\_\_

(b) Prism(s) / Cylinder(s): \_\_\_\_\_

34.

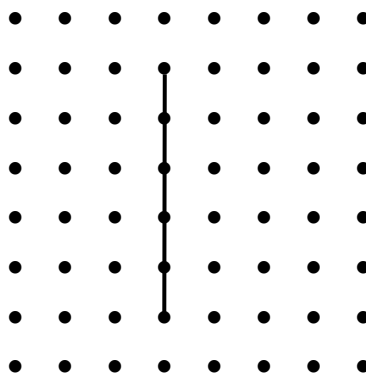


Cut along the dotted line in the hexagon above.

You can get

- ☐ A. a quadrilateral and an isosceles triangle.
- ☐ B. a quadrilateral and a right-angled triangle.
- ☐ C. a pentagon and an isosceles triangle.
- ☐ D. a pentagon and an equilateral triangle.

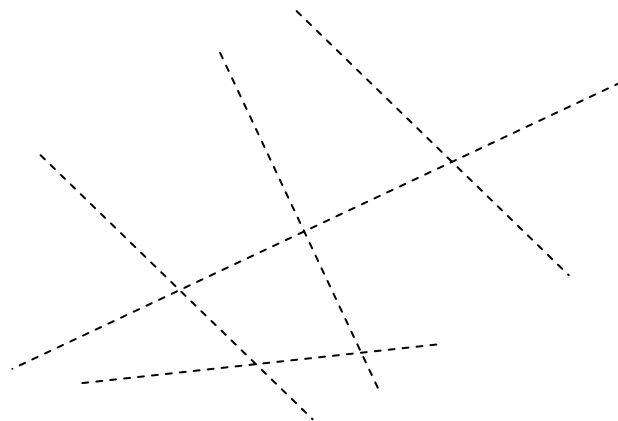
35. Draw a straight line parallel to the line given in the figure below.



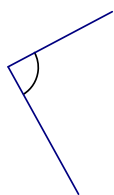


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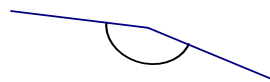
36. In the figure below, draw along the dotted lines to show a pair of perpendicular lines.



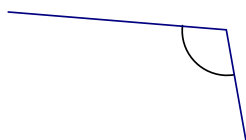
37. Which of the following angles is a right angle?



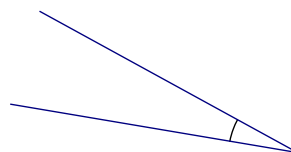
☐ A.



☐ B.



☐ C.



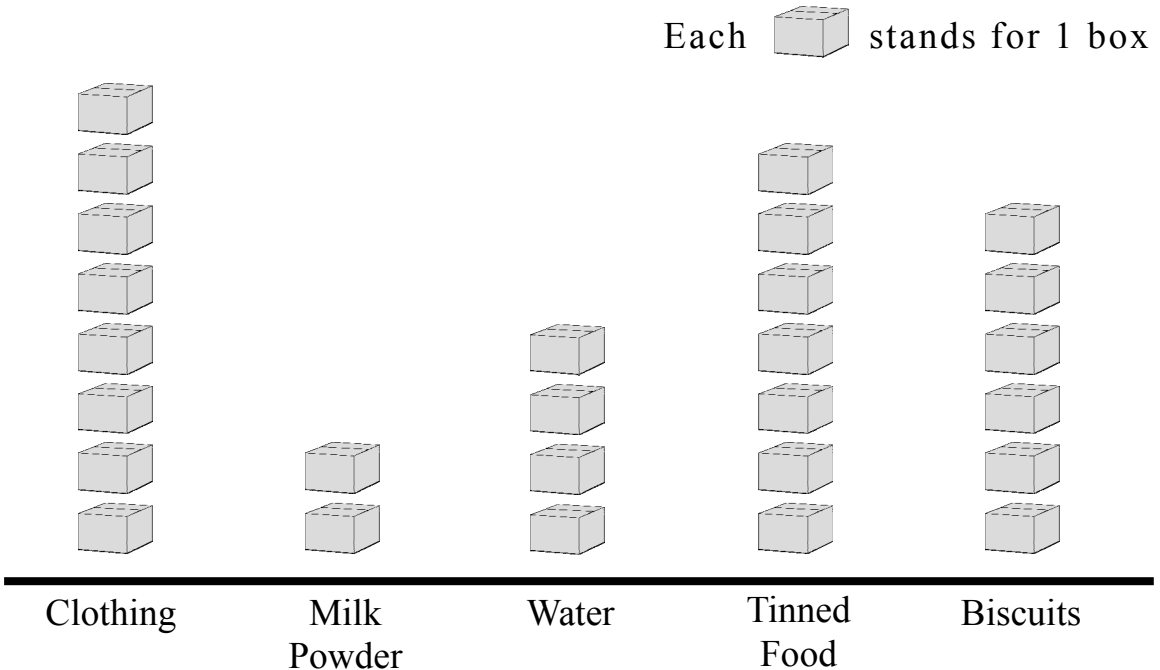
☐ D.

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Please do not write in the margin.

38. The community centre held a donation campaign. The pictogram below shows the number of boxes of items donated.

**Number of Boxes of Different Items Collected by the Community Centre**



Please do not write in the margin.

- (a) Among the donated items, \_\_\_\_\_ has the largest number of boxes.  
There were \_\_\_\_\_ boxes.
- (b) The number of boxes of water donated was \_\_\_\_\_ \* more / less than that of biscuits.  
(\* Circle the answer)
- (c) The community centre collected a total of \_\_\_\_\_ boxes of donated items.

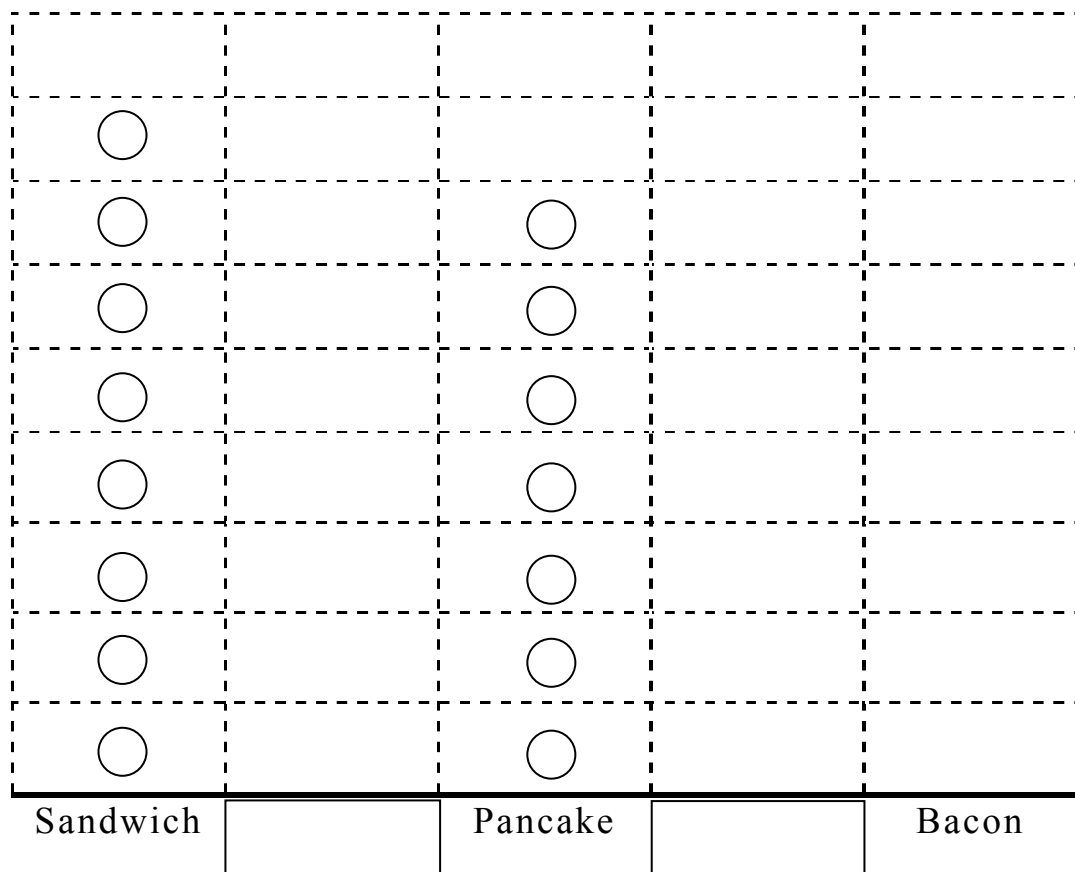
39. Miss Lee did a survey on the favourite food for breakfast of P.3B pupils.

Food for breakfast	Sandwich	Congee	Pancake	Toast	Bacon
Number of pupils	8	2	7	5	3

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

(Title)

Each ○ stands for 1 pupil



— END OF PAPER —

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Please do not write in the margin.

