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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 35 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 the number 87 239, the digit '2' is in the _____ place.

2. Write 'eighty-eight thousand nine hundred and ninety-one' in numerals.

Answer: _____

3. $587 + 122 + 149 =$ _____

4. $909 - 456 - 372 =$ _____

5. $407 \times 4 =$ _____

6. $236 \times 3 =$ _____

7. $479 \div 4 =$ _____

8. $318 - (98 + 142) =$

- ☐ A. 78
- ☐ B. 88
- ☐ C. 240
- ☐ D. 362

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9. $2 \times 376 - 206 =$ _____

10. Mr Lee buys 7 boxes of chicken wings. Each box weighs 23 kg.

(a) He has bought a total of _____ kg of chicken wings.

(b) He packs the chicken wings in packets of 3 kg.
At most, he can pack _____ packets of
chicken wings, and _____ kg are left.

11. Mr Lam uses 763 coloured bulbs to decorate the school hall and 3 classrooms. He uses 153 bulbs to decorate each classroom. How many bulbs does he use to decorate the school hall?

(Show your working)

Please do not write in the margin.



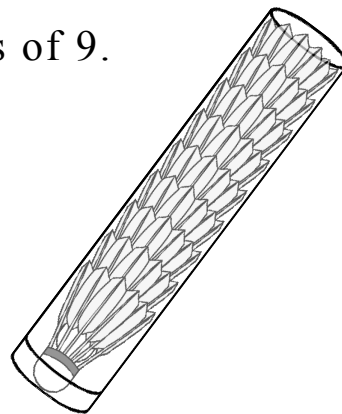
12.

Frozen Yogurt \$20.00 for each cup**Each fruit \$9.70**Blueberry
Strawberry
Mango**Each topping \$7.50**Nuts
Cookie
Jelly

Mary buys 1 cup of frozen yogurt with mango and jelly.

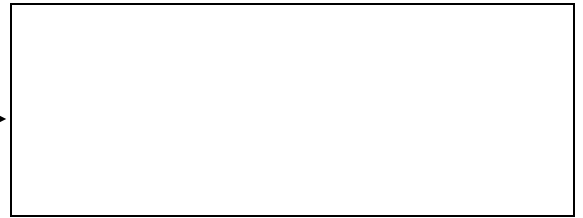
She pays _____ dollars and _____ cents altogether.

13. Mr Chan packs 947 shuttlecocks in tubes of 9.
How many tubes can he pack at most?
How many shuttlecocks are left?
(Show your working)



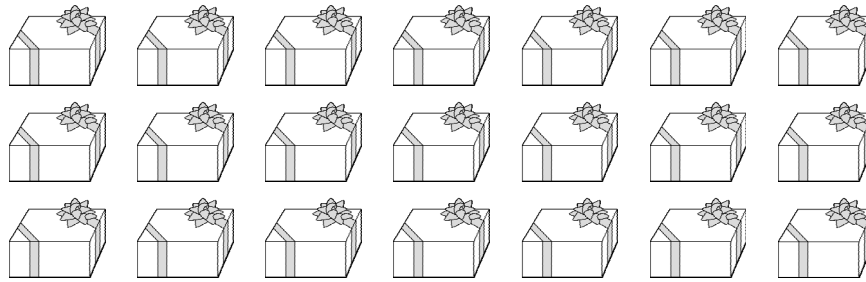
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14. There are 21 presents below. $\frac{4}{7}$ of the presents are stationery, 6 presents are sweets and the rest are biscuits.



- (a) $\frac{\square}{\square}$ of the presents are sweets.

- (b) How many presents are biscuits?

Answer: _____ presents are biscuits.

15. (a) 1 is * smaller than / equal to / larger than $\frac{7}{9}$.

(*Circle the answer)

- (b) Fill in the box with a suitable number.

$\frac{1}{3}$ is smaller than $\frac{1}{\square}$.

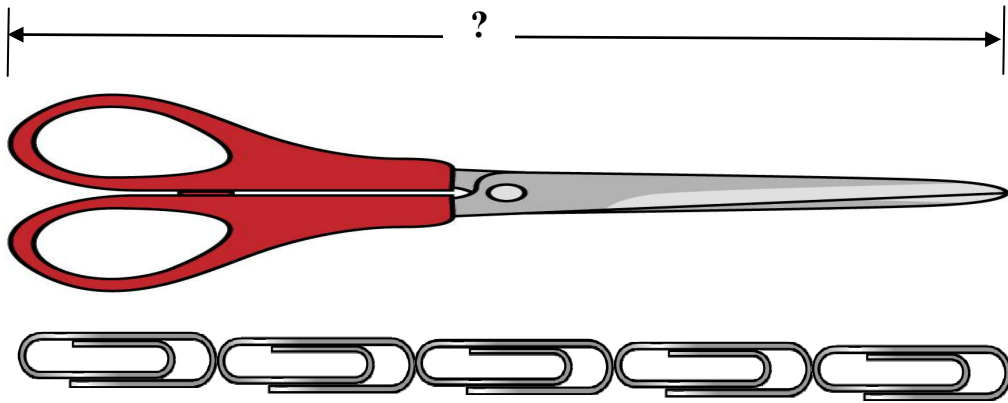
Please do not write in the margin.

16. Mother has a bottle of apple juice. Billy drinks $\frac{3}{10}$ of the whole, Cindy drinks $\frac{3}{14}$ of the whole and Mandy drinks $\frac{1}{14}$ of the whole.

Who drinks the least of the apple juice?

Answer: * Billy / Cindy / Mandy drinks the least of the apple juice. (*Circle the answer)

17.



The length of a pair of scissors is about the length of _____ paper clips.

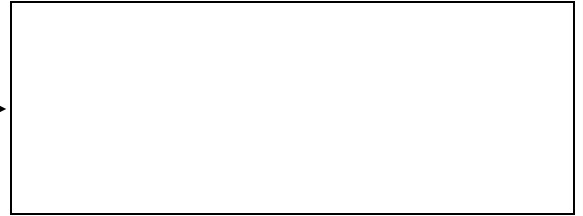
18. Fill in the following blanks with suitable units.

(a) The total length of a running race is about 1 _____ .

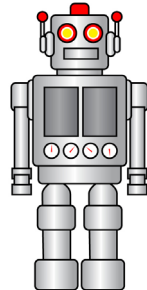
(b) The weight of a private car is about 1 000 _____ .

(c) The length of a movie ticket is about 10 _____ .

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19.



\$ 84.50

- (a) A robot costs _____ dollar(s) and _____ cent(s).

- (b) John pays  for the robot.

Circle the change returned by the shopkeeper.

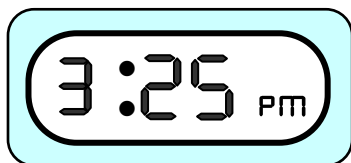


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Please do not write in the margin.

20. (a) Mary goes home from the school

at

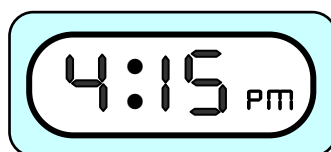


The time is _____ minutes

* past / to _____ in the * morning / afternoon.

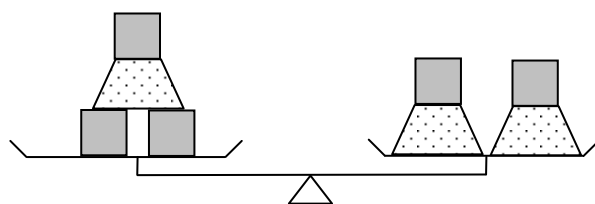
(* Circle the answer)

- (b) Mary reaches home at











She takes _____ minutes to go home from the school.

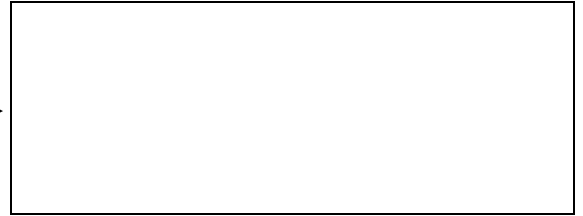
- 21.



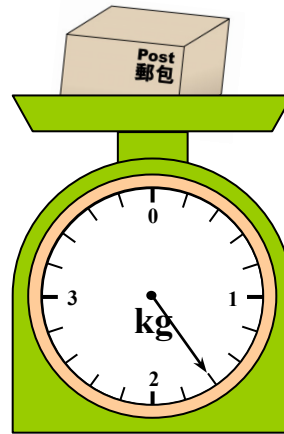
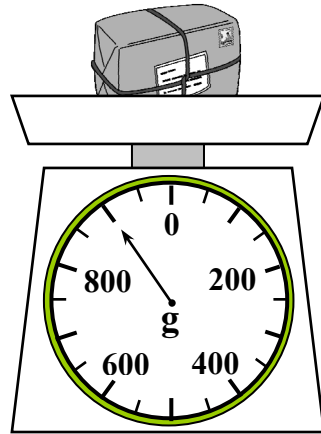
Study the diagram above. Which of the following is correct?

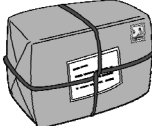
- ☐ A.  and  weigh the same.
- ☐ B.  is lighter than .
- ☐ C.  is lighter than .
- ☐ D. The weights of  and  cannot be compared.

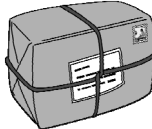
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22.



(a)  weighs _____ g.

(b)  is _____ g

* lighter / heavier than
(* Circle the answer)



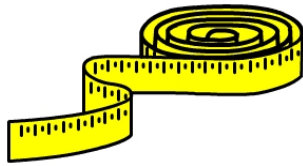
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Please do not write in the margin.

23.



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



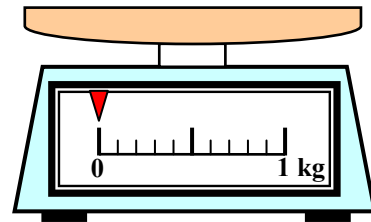
☐ A.



☐ B.



☐ C.



☐ D.

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Please do not write in the margin.

Please do not write in the margin.

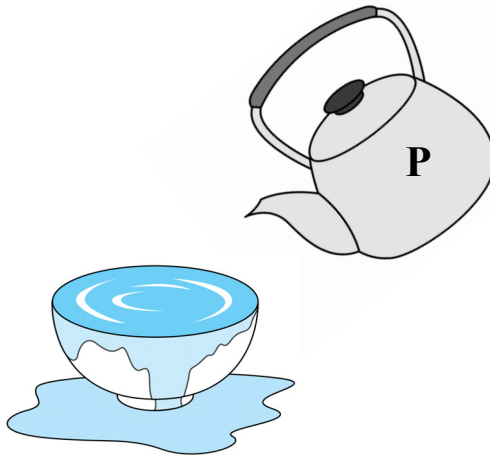
24. Answer the following questions according to the September calendar below.

September						
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						

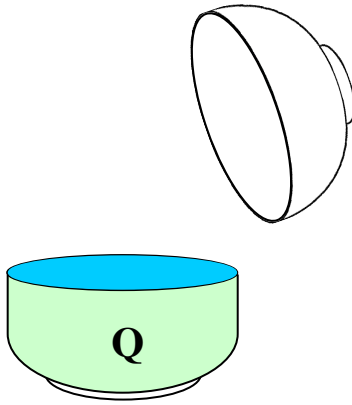
- (a) Mary's school term starts on the first Monday of September.
That day is the _____ of _____ .
(month)
- (b) From the 10th of September, there is an assembly every Monday.
In September, there are _____ days with an assembly.
- (c) The 30th of August is _____ .
(day of the week)

Please do not write in the margin.

25. Fill up the container **P** with water and then pour all the water into an empty bowl.



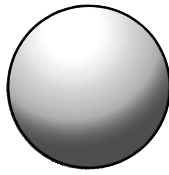
Pour all the water from the bowl into an empty container **Q**. Container **Q** is just filled up with water.



According to the information above, which of the following is correct?

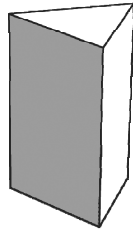
- ☐ A. The capacity of **P** is larger than the capacity of **Q**.
- ☐ B. The capacity of **P** is equal to the capacity of **Q**.
- ☐ C. The capacity of **P** is smaller than the capacity of **Q**.
- ☐ D. The capacities of **P** and **Q** cannot be compared.

26. Name the 3-D shape below.

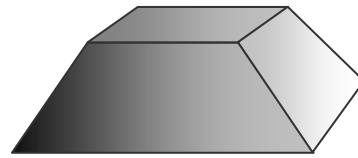


Answer: _____

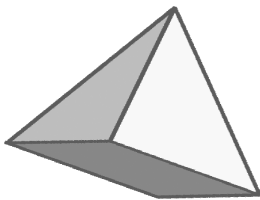
27. Study the 3-D shapes below. Write down all the letters for the answers.



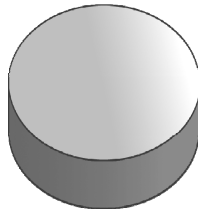
A



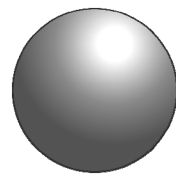
B



C



D



E

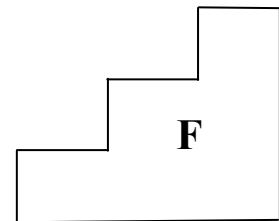
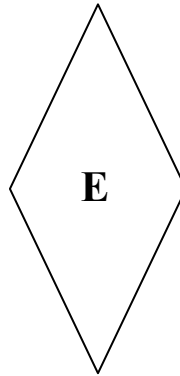
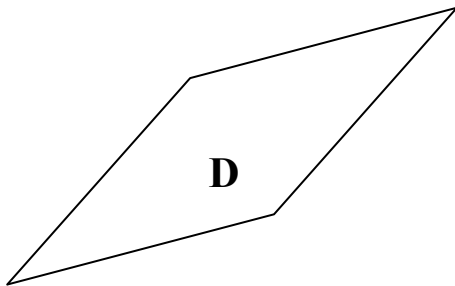
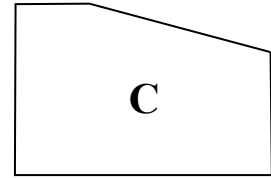
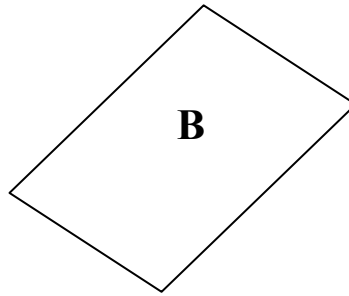
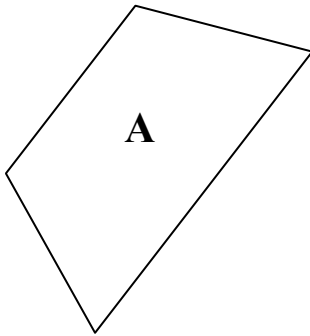
List:

(a) Cylinder(s): _____

(b) Prism(s): _____

Please do not write in the margin.

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



List:

(a) Trapezium(s): _____

(b) Rhombus(es): _____

29.



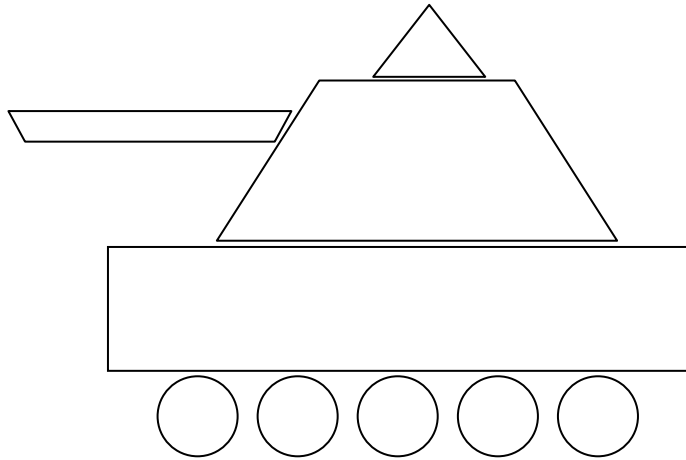
Study the diagram above. Which coin is the thickest?

Answer: The * \$1 / \$5 / \$10 coin is the thickest.

(* Circle the answer)

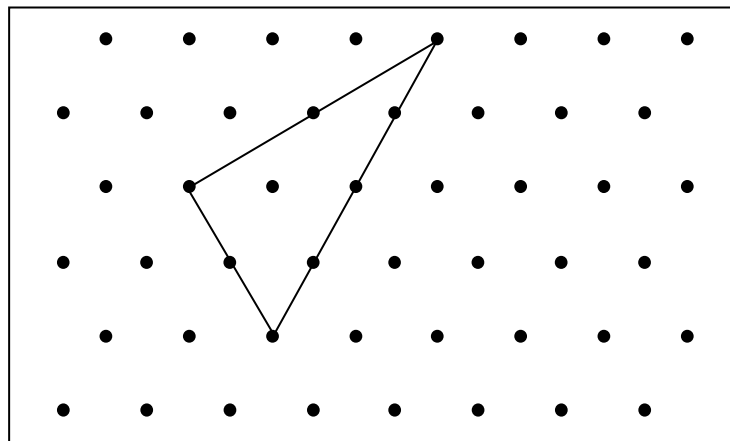
Please do not write in the margin.

30. Susan uses different 2-D shapes to form a picture of a tank.



- (a) There is/are _____ trapezium(s) in the diagram above.
- (b) There is/are _____ circle(s) in the diagram above.

31. Jimmy uses a rubber band to make a triangle on the pin-board.

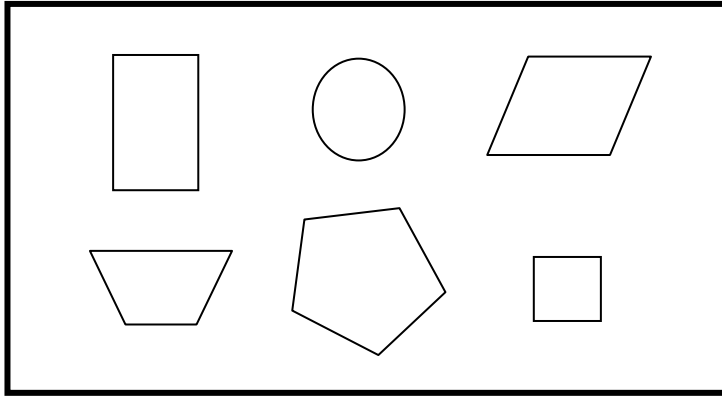


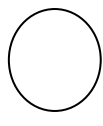

This is

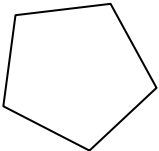
* an equilateral / a right-angled / an isosceles triangle.

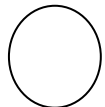
(* Circle the answer)

32. A teacher puts up different 2-D shapes on the blackboard.

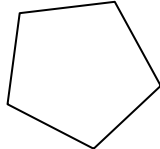



 is on the right of .

(a)  is

* above / under / on the left of / on the right of .

(* Circle the answer)

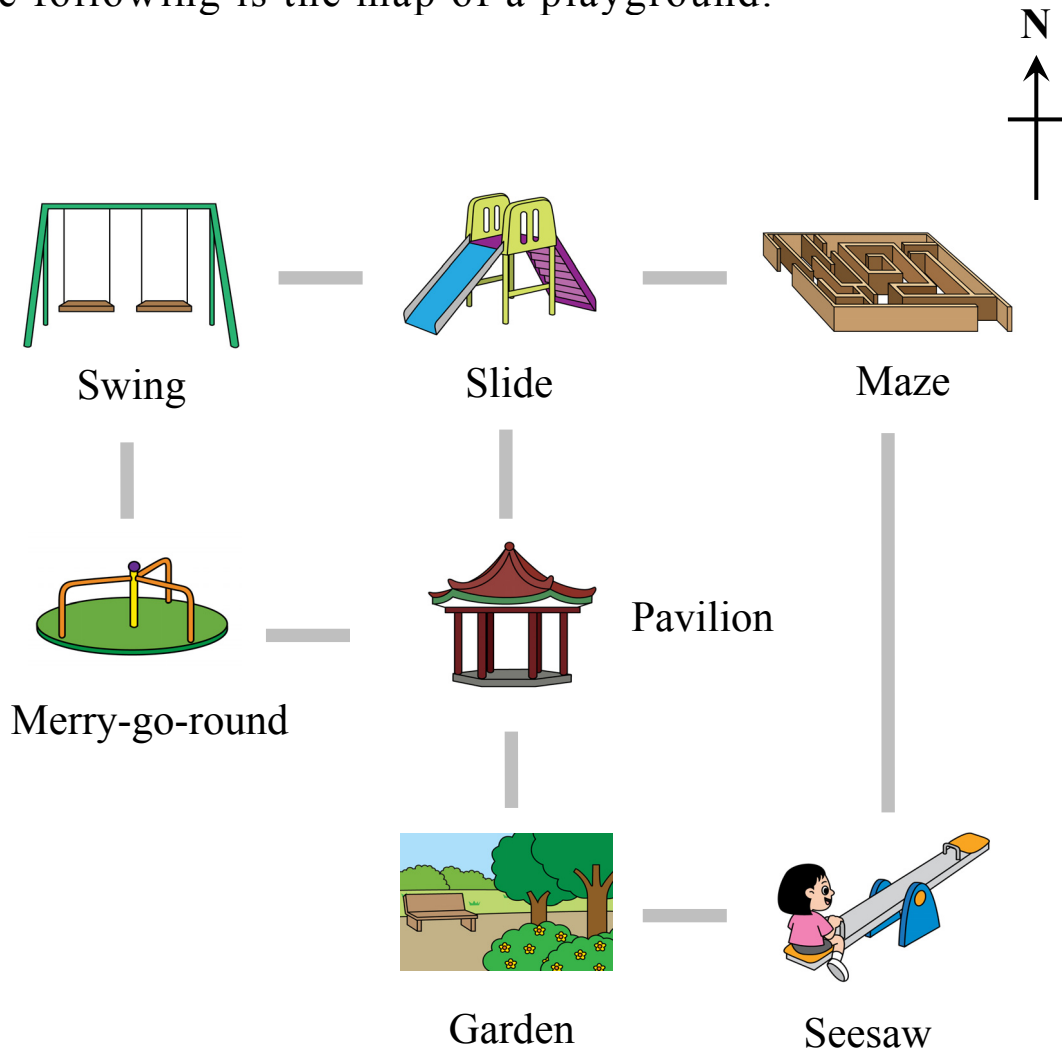
(b)  is

* above / under / on the left of / on the right of .

(* Circle the answer)

Please do not write in the margin.

33. The following is the map of a playground.



Please do not write in the margin.

(a) Pavilion is to the south of _____ .

(b) Carman goes _____ from Garden to play
(direction)
Seesaw.

Then she goes _____ to reach Maze.
(direction)

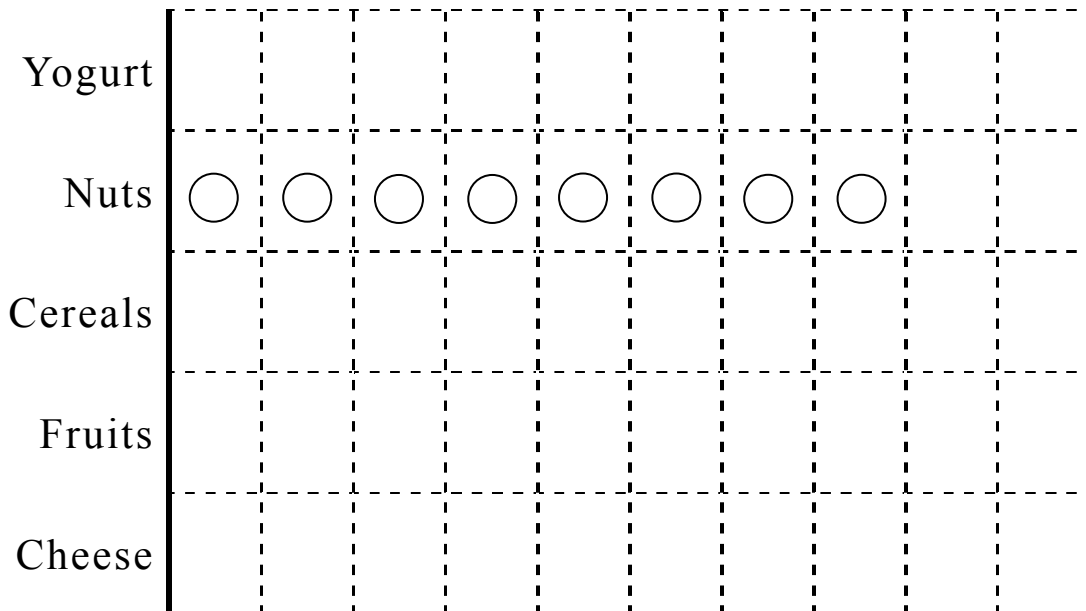
34. The school held a Healthy Eating Week. Mr Wong did a survey on the favourite healthy food of P.3D pupils. The results are as follows:

Healthy food	Yogurt	Nuts	Cereals	Fruits	Cheese
Number of pupils	3	8	2	2	6

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


(Title)

Each ○ stands for 1 pupil



35. The school did a survey on Primary Three pupils joining different drawing classes. Each pupil chose one class only.

Primary Three Pupils Joining Different Drawing Classes

Each  stands for 1 pupil

Watercolour Painting



Oil Painting



Chinese Painting



Sketching



Computer Drawing



- (a) The number of pupils who joined the watercolour painting class was _____ more than that of pupils who joined the Chinese painting class.
- (b) The most popular drawing class was _____ and there were _____ Primary Three pupils in this class.
- (c) The total number of Primary Three pupils who joined different drawing classes was _____ .

— END OF PAPER —

