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3	M	E	4
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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 2014

Primary 3

Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 36 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

Please do not write in the margin.

1. In the number 45 930, what does the digit '5' stand for?

- A. 5
- B. 50
- C. 500
- D. 5000

2. Write the number '13 849' in words.

Answer: _____

3. $236 + 514 + 199 =$ _____

4. $946 - 155 - 476 =$

- A. 315
- B. 325
- C. 415
- D. 425

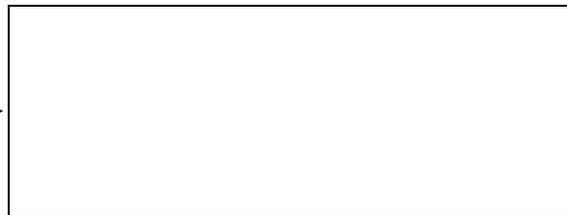
5. $105 \times 8 =$ _____

6. $9 \times 11 \times 4 =$ _____

7. $724 \div 6 =$ _____

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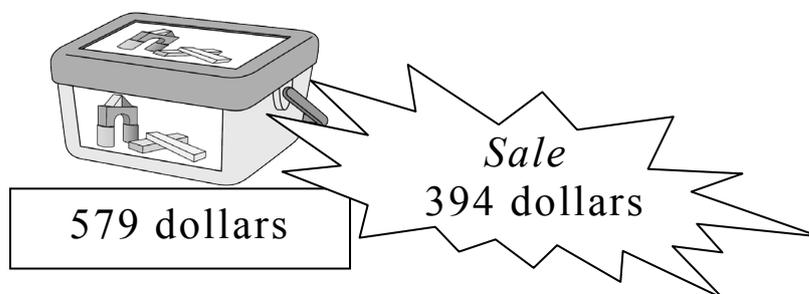
8. $116 + 14 \times 7 =$

- A. 204
- B. 214
- C. 840
- D. 910

9. $834 - (259 + 452) =$

- A. 123
- B. 223
- C. 233
- D. 711

10.



The toy shop is having a sale.

- (a) A box of building blocks is _____ dollars cheaper.
- (b) Mandy buys 4 boxes of building blocks in the sale. She should pay _____ dollars.

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Please do not write in the margin.

11. Amy has 7 lessons each day. Each lesson lasts for 30 minutes. How many minutes are there in all her lessons in 5 days?
(Show your working)

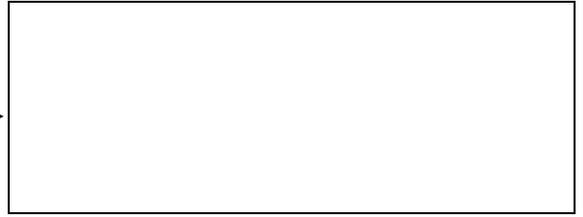
12. There are 425 pupils taking part in the three activities below. Each pupil takes part in one activity only.

Activity	Music Club	Handicrafts	Choir
Number of pupils	164	164	?

- How many pupils take part in the Choir?
(Show your working)

Please do not write in the margin.

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13.



619 dollars



288 dollars

- (a) The sunglasses are more expensive than the hat by _____ dollars.
- (b) David buys 3 hats. He has to pay _____ dollars altogether.

14.



\$51.80



\$58.50



\$48.40

Rose buys one



and one



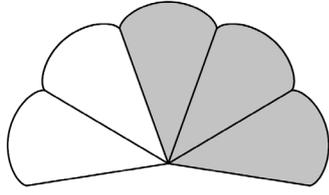
She pays _____ dollars and _____ cents altogether.

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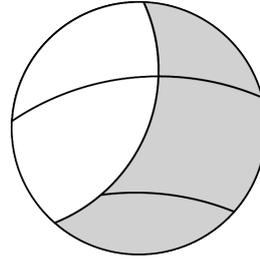
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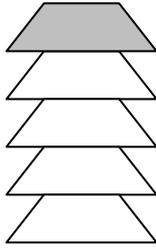
15. Which of the following has **less than** $\frac{2}{5}$ of the whole figure shaded?



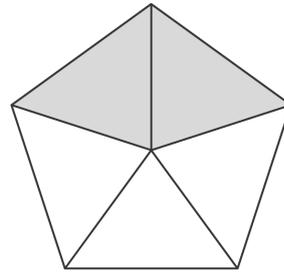
A.



B.

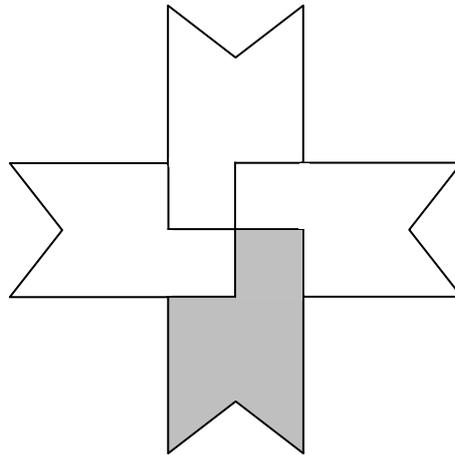


C.



D.

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



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

Please do not write in the margin.

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17. (a) $\frac{7}{7}$ is * smaller than / equal to / larger than 7 .
(*Circle the answer)

(b) Fill in the boxes with suitable numbers.

$$\frac{\square}{\square} \text{ is smaller than } \frac{1}{6} .$$

18. The three fractions below are arranged from the largest to the smallest.

$$\frac{8}{9} \quad , \quad \frac{4}{9} \quad , \quad \frac{\square}{9}$$

(Largest) (Smallest)

The number in the box can be:

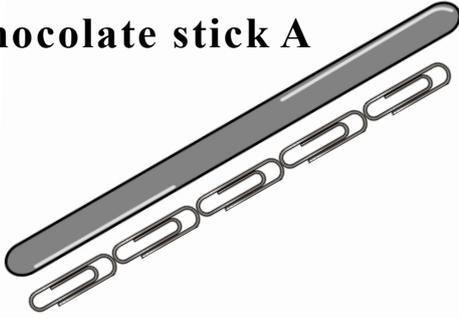
- A. 9
- B. 6
- C. 5
- D. 2

Please do not write in the margin.

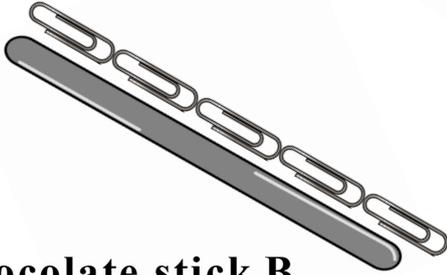
Please do not write in the margin.

19.

Chocolate stick A



Chocolate stick B



Chocolate stick C



Compare the lengths of the three chocolate sticks above.

Chocolate stick * **A** / **B** / **C** is the shortest.

(*Circle the answer)

20. Fill in the following blanks with suitable units.

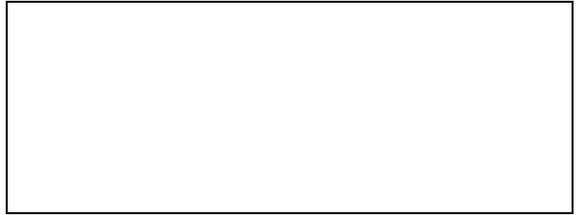
(a) The school music room is on the 3rd floor.

It is about 10 _____ above the ground.

(b) An egg weighs about 50 _____ .

(c) The length of a toothpick is about 50 _____ .

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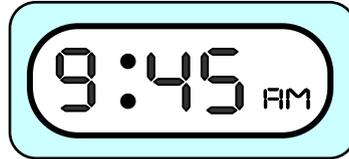


21. (a) The basketball match starts at



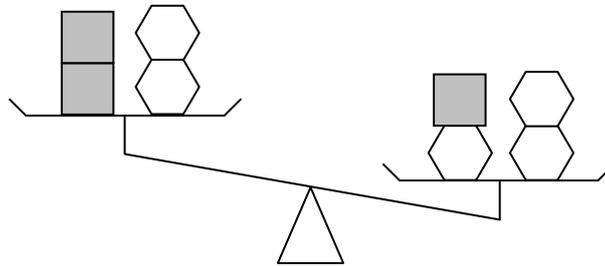
It is _____ minute(s) past _____
in the * morning / afternoon. (*Circle the answer)

(b) The basketball match ends at



The basketball match lasts for
_____ hour(s) and _____ minute(s).

22.



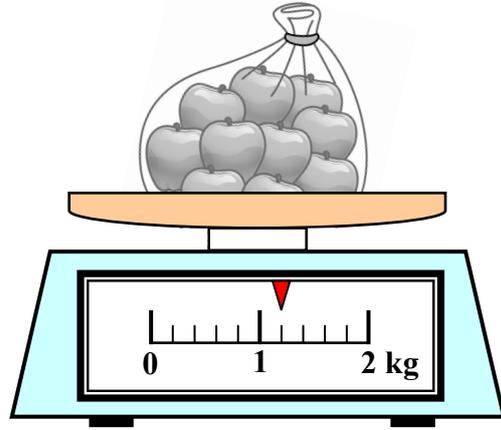
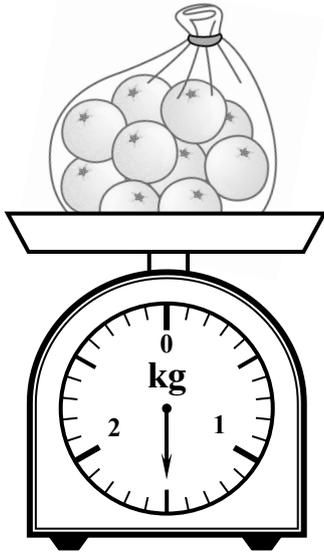
Study the diagram above. Which of the following is correct?

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

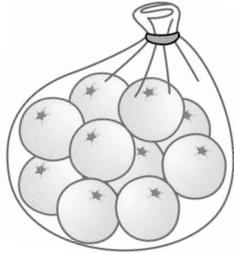
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Please do not write in the margin.

23.

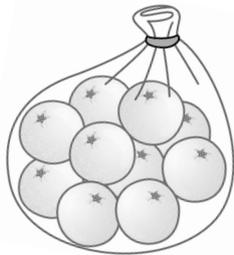


(a)



weighs _____ g.

(b)



is _____ g * lighter /

heavier than

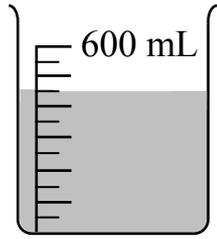


(* Circle the answer)

Please do not write in the margin.

Please do not write in the margin.

24.



can fill up

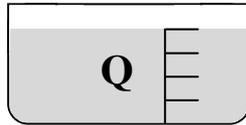
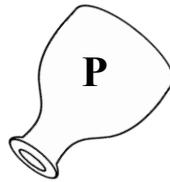


The capacity of



is _____ mL.

25.



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

- 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.

26. 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.

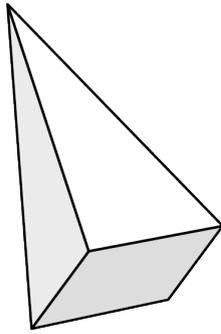
(b) Terry is a member of the football class. Starting from the 8th of October, he was sick and did not go to school for 4 days. So he was absent from the football lesson on the _____ of _____ .
(month)

(c) Terry joined a football match on the fourth Saturday of October. The date was the _____ of _____ .
(month)

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Please do not write in the margin.

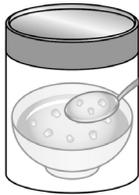
27.



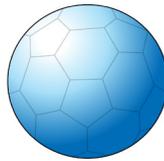
The 3-D shape above is a

- A. triangle.
- B. parallelogram.
- C. pyramid.
- D. prism.

28. Follow the instruction. Write down all the letters for the answers.



A



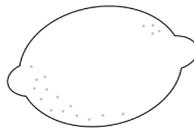
B



C



D



E



F

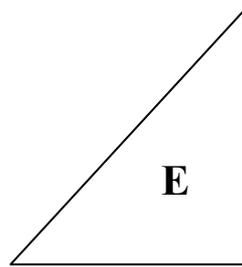
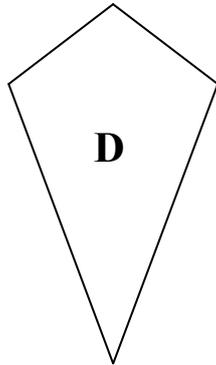
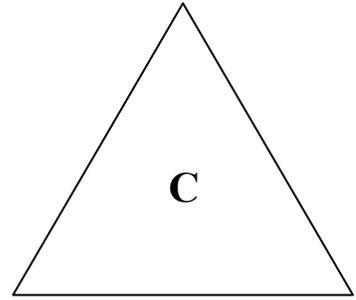
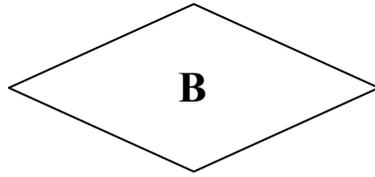
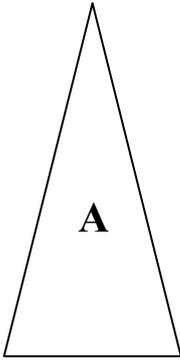
List:

(a) Sphere(s): _____

(b) Cylinder(s): _____

Please do not write in the margin.

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

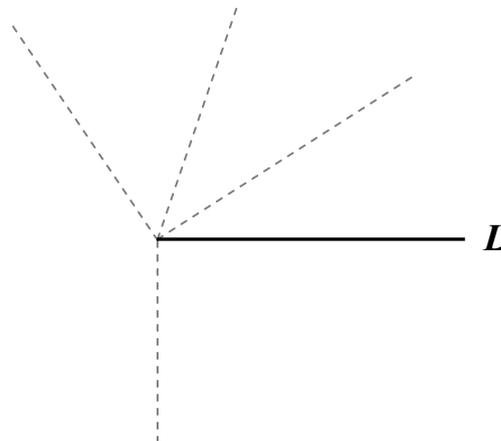


List:

(a) Rhombus(es): _____

(b) Equilateral triangle(s): _____

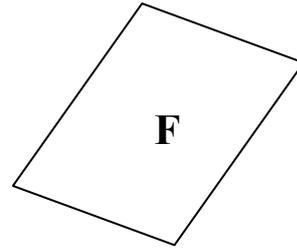
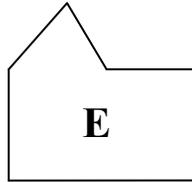
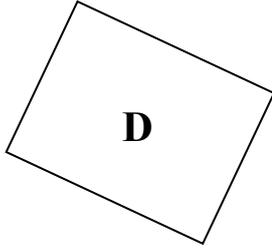
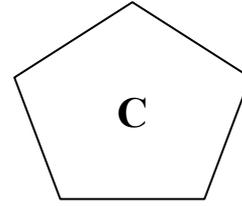
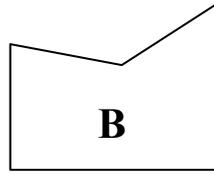
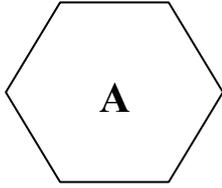
30. In the diagram below, draw a line along the dotted line which is perpendicular to line *L*.



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Please do not write in the margin.

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

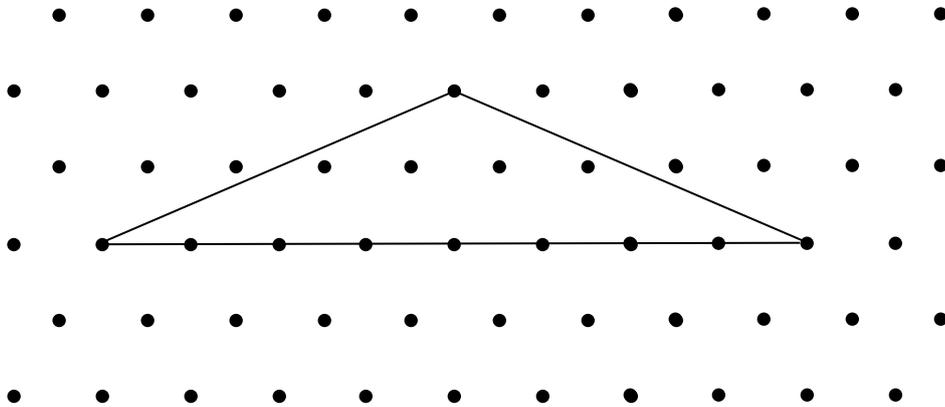


List:

(a) Rectangle(s): _____

(b) Pentagon(s): _____

32.

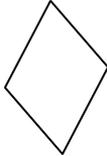
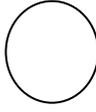


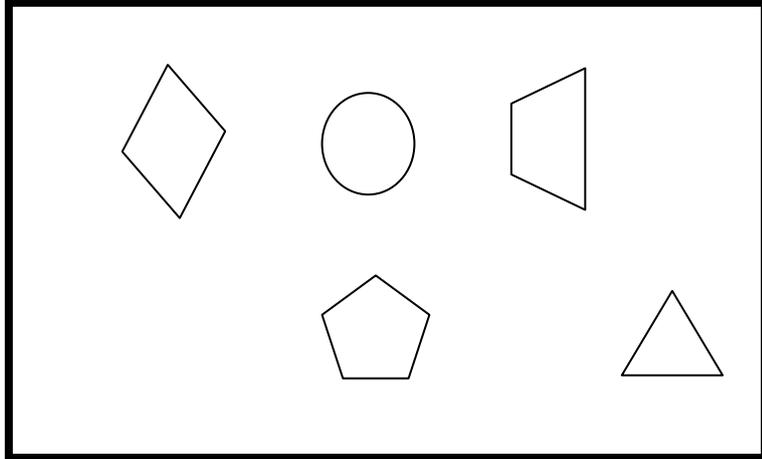
The figure above is

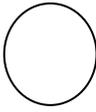
* a right-angled / an isosceles / an equilateral triangle. (* Circle the answer)

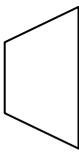
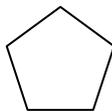
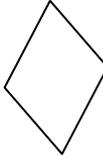
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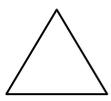
33. A teacher puts different 2-D shapes on a whiteboard.

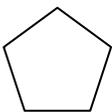
He puts  on the left of  .



(a) The shape under  is

*  /  /  . (* Circle the answer)

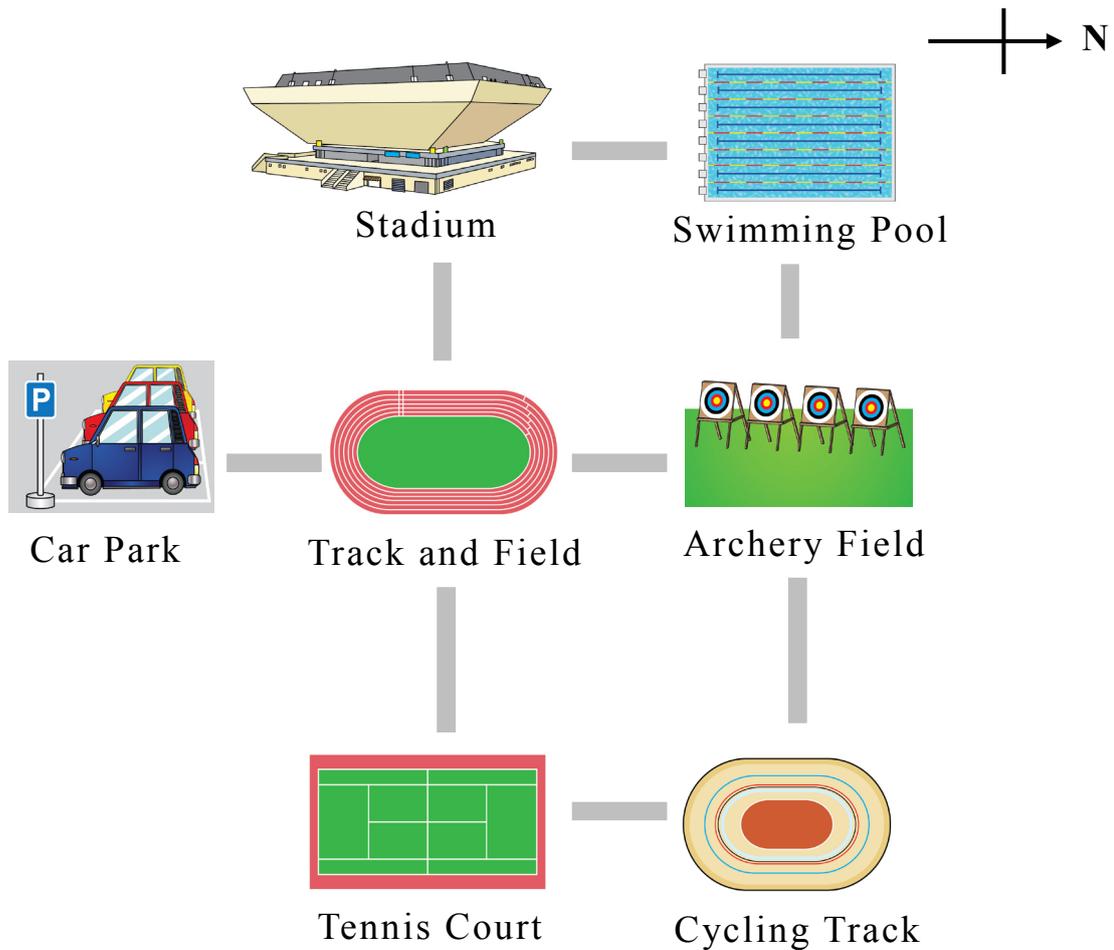
(b)  is

* above / under / on the left of / on the right of  .
(* Circle the answer)

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Please do not write in the margin.

34. The following is the map of Sports City.



- (a) Swimming Pool is to the _____ of Archery Field.
(direction)
- (b) _____ is to the north of Tennis Court.
- (c) Starting from Stadium, Paula goes _____
(direction)
to Track and Field. She then turns _____
(direction)
to reach Car Park.

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Please do not write in the margin.

35. Mr Ma did a survey of the number of P.3 pupils ordering newspapers.

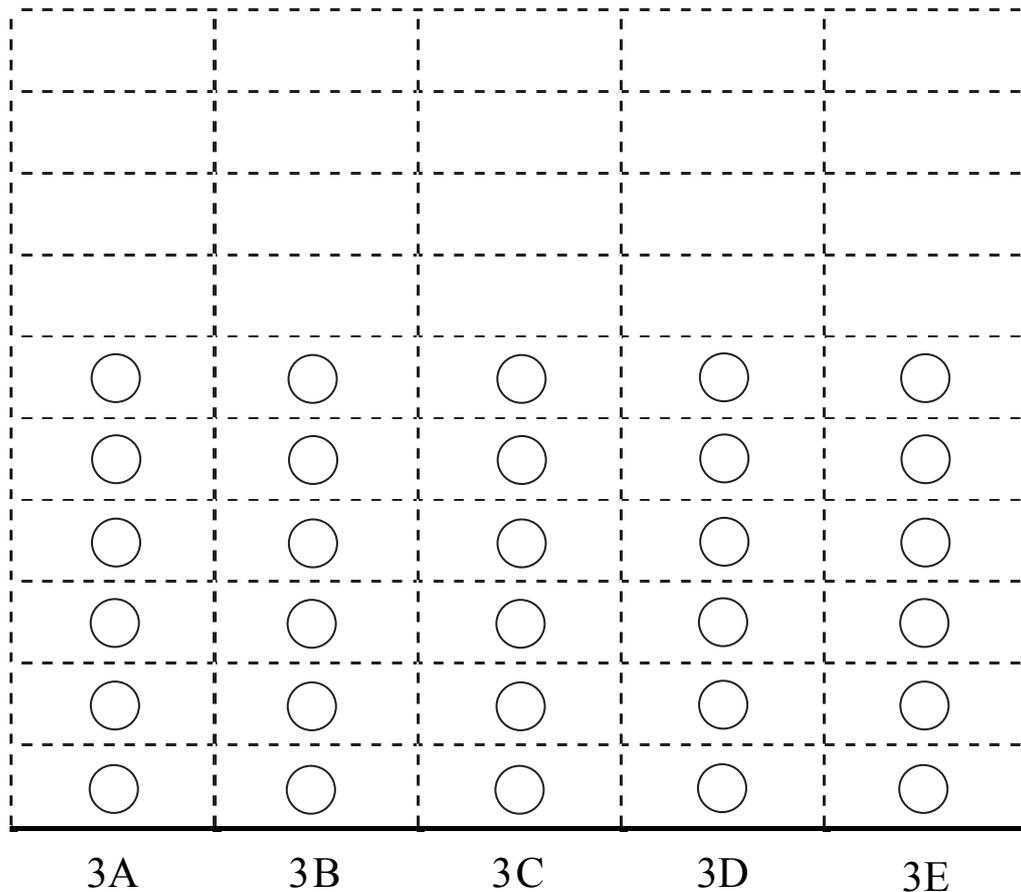
(a) According to the record, complete the table below.

Class	3A	3B	3C	3D	3E
Record	I		II	I	
Number of pupils	6				

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

(Title)

Each ○ stands for 1 pupil



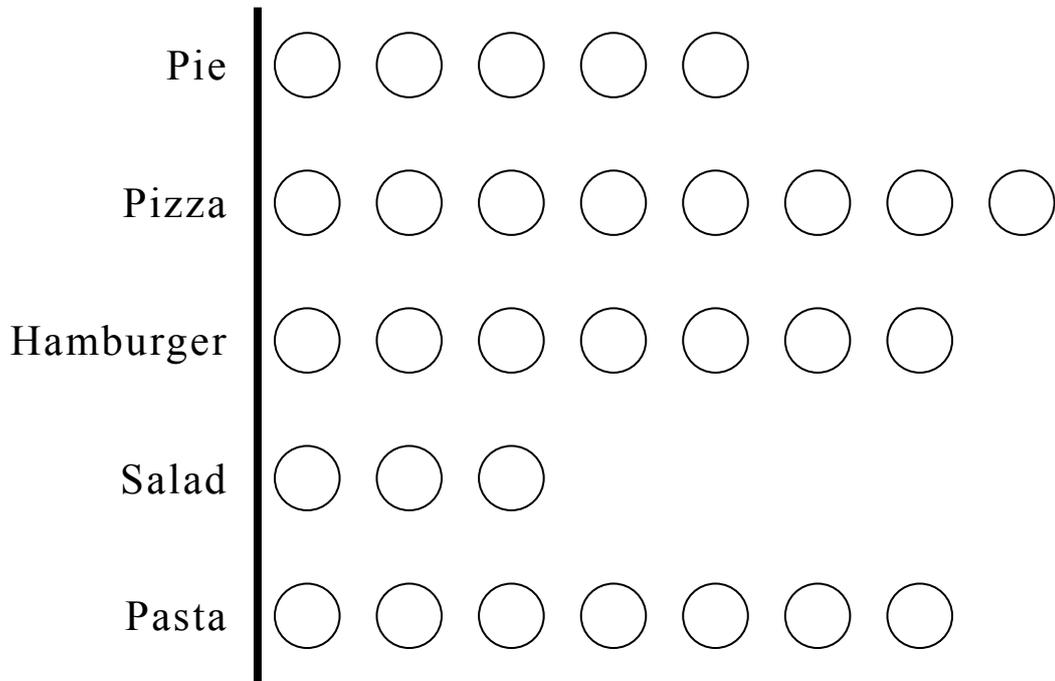
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36. Mr Lee did a survey of the favourite food of P.3D pupils. Each pupil chose one type only.

Favourite Food of P.3D Pupils

Each  stands for 1 pupil



- (a) The least popular food was _____ and there were _____ pupils.
- (b) The number of pupils who chose hamburger and the number of pupils who chose _____ were the same. There were _____ pupils who chose each food.
- (c) The difference between the number of pupils who chose pie and the number of pupils who chose pizza was _____ .

— END OF PAPER —

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