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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

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.  $946 - 155 - 476 =$

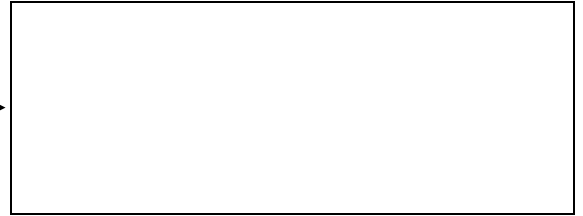
- ☐ A. 315
- ☐ B. 325
- ☐ C. 415
- ☐ D. 425

5.  $105 \times 8 =$  \_\_\_\_\_

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

7.  $724 \div 6 =$  \_\_\_\_\_

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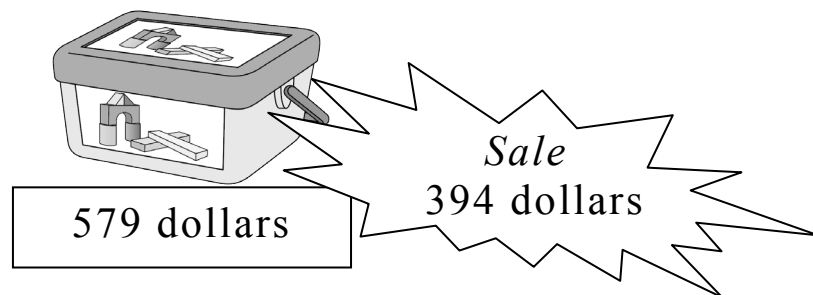
8.  $116 + 14 \times 7 =$

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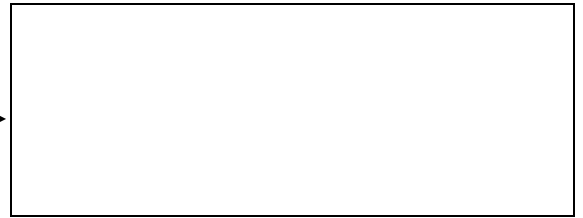
11. Amy has 7 lessons each day. Each lesson lasts for 30 minutes. How many minutes are there in all her lessons in 5 days?  
(Show your working)

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

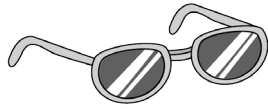
Activity	Music Club	Handicrafts	Choir
Number of pupils	164	164	?

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

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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



.

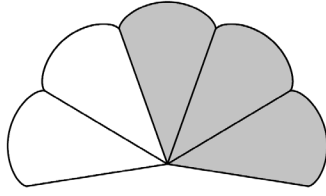
She pays \_\_\_\_\_ dollars and \_\_\_\_\_ cents altogether.

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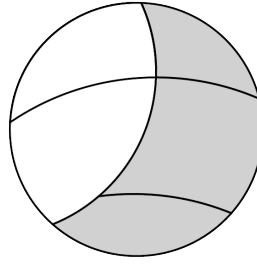
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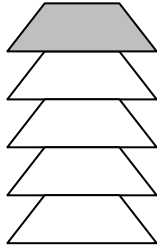
15. Which of the following has **less than**  $\frac{2}{5}$  of the whole figure shaded?



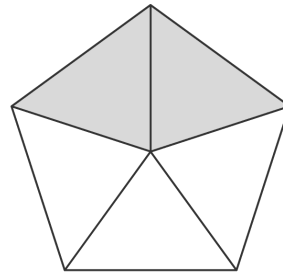
☐ A.



☐ B.

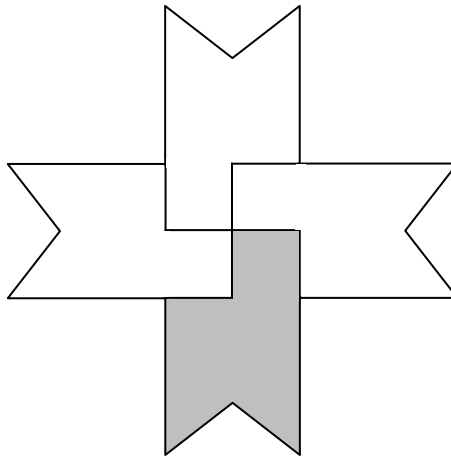


☐ C.



☐ D.

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



Answer:  $\frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$  of the whole is shaded.

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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.

$$\frac{\boxed{\phantom{000}}}{\boxed{\phantom{000}}} \text{ is smaller than } \frac{1}{6} .$$

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

$$\frac{8}{9} \quad , \quad \frac{4}{9} \quad , \quad \frac{\boxed{?}}{9}$$

(Largest) (Smallest)

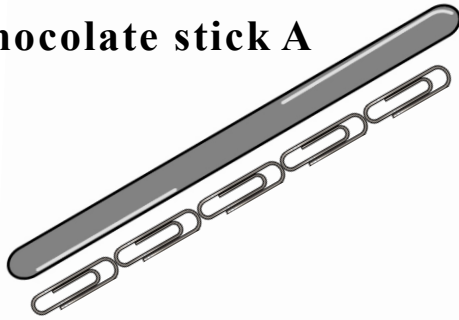
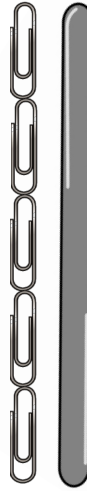
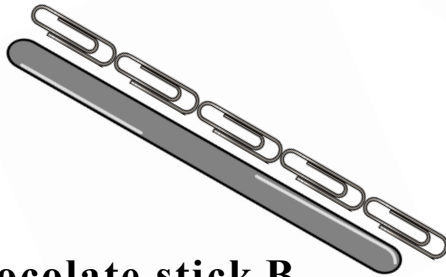
The number in the box can be:

- ☐ A. 9  
☐ B. 6  
☐ C. 5  
☐ D. 2

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Please do not write in the margin.

19.

**Chocolate stick A****Chocolate stick C****Chocolate stick B**

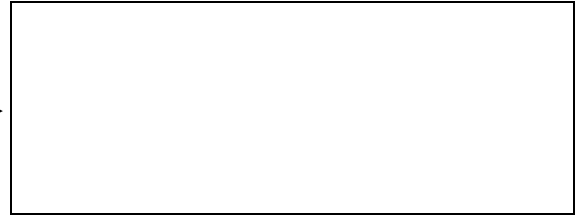
Compare the lengths of the three chocolate sticks above.  
Chocolate stick \* **A** / **B** / **C** is the shortest.  
(\*Circle the answer)

20. Fill in the following blanks with suitable units.

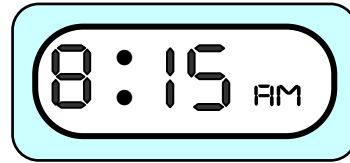
- (a) The school music room is on the 3<sup>rd</sup> floor.  
It is about 10 \_\_\_\_\_ above the ground.
- (b) An egg weighs about 50 \_\_\_\_\_ .
- (c) The length of a toothpick is about 50 \_\_\_\_\_ .



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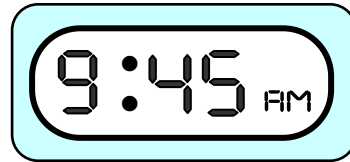


21. (a) The basketball match starts at



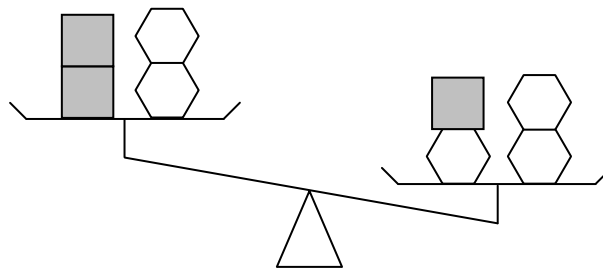
It is \_\_\_\_\_ minute(s) past \_\_\_\_\_  
in the \* morning / afternoon. (\*Circle the answer)

- (b) The basketball match ends at











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

22.



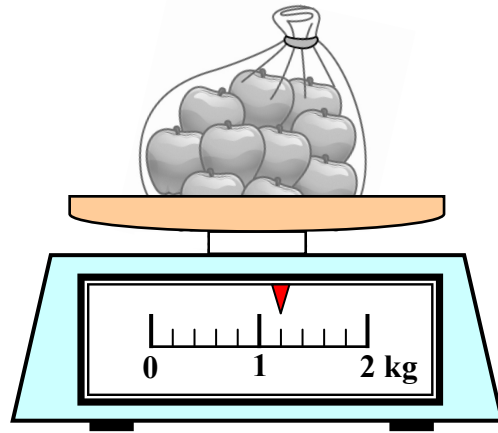
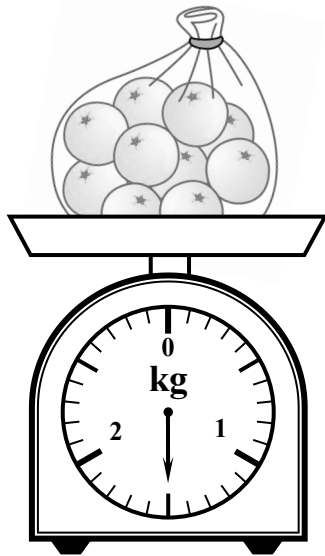
Study the diagram above. Which of the following is correct?

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

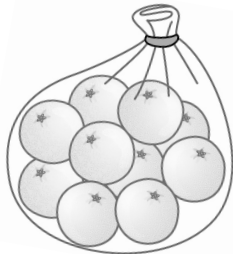
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Please do not write in the margin.

23.

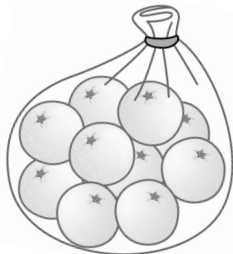


(a)



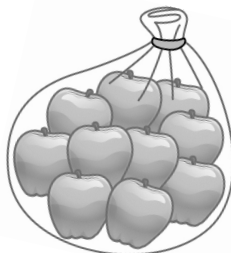
weighs \_\_\_\_\_ g.

(b)



is \_\_\_\_\_ g \* lighter /

heavier than

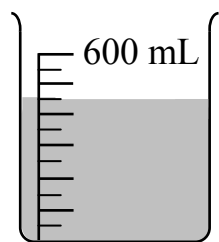


(\* Circle the answer)

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24.



can fill up

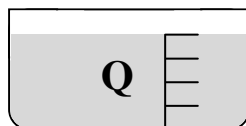
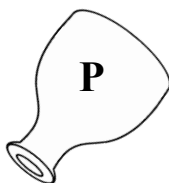


The capacity of



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.

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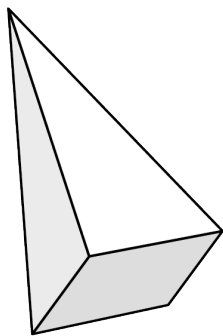
26. Answer the following questions according to the October calendar below.

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 8<sup>th</sup> 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.

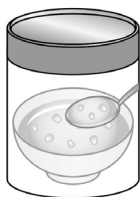
27.



The 3-D shape above is a

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

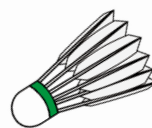
28. Follow the instruction. Write down all the letters for the answers.



A



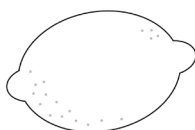
B



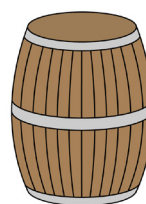
C



D



E



F

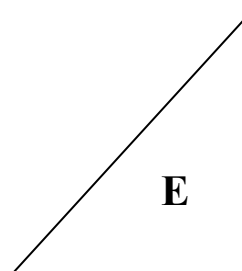
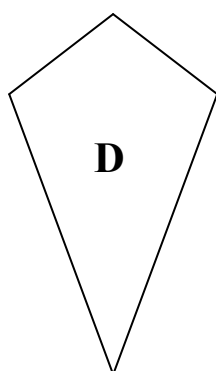
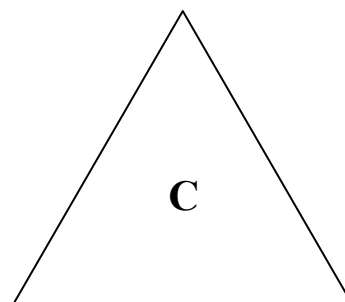
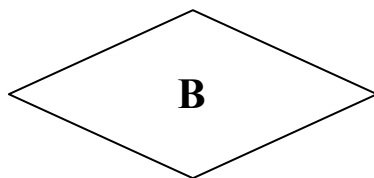
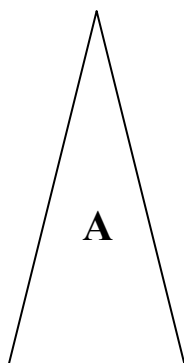
List:

(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.

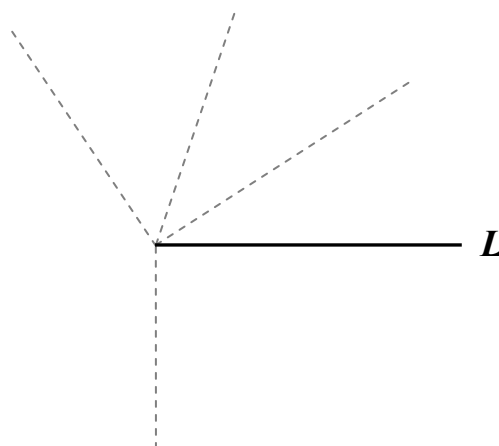


List:

(a) Rhombus(es): \_\_\_\_\_

(b) Equilateral triangle(s): \_\_\_\_\_

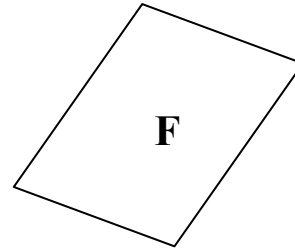
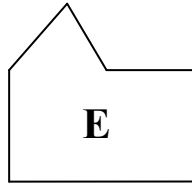
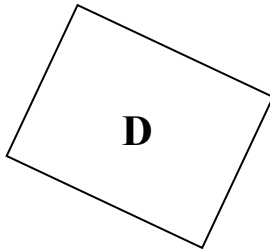
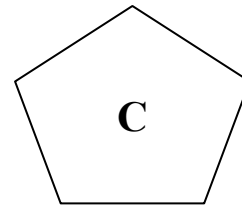
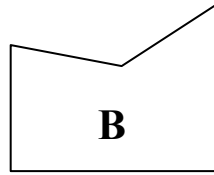
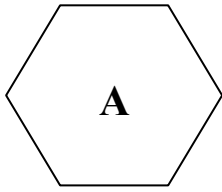
30. In the diagram below, draw a line along the dotted line which is perpendicular to line **L**.



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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.

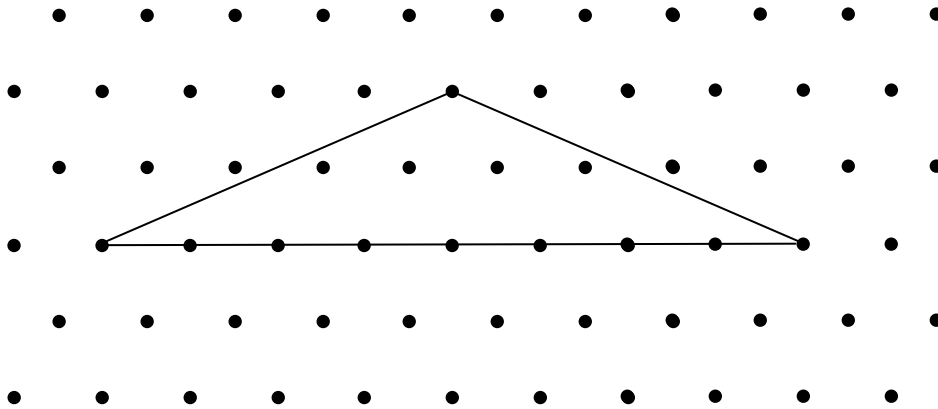


List:

(a) Rectangle(s): \_\_\_\_\_

(b) Pentagon(s): \_\_\_\_\_

32.

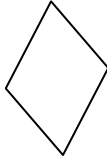
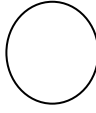


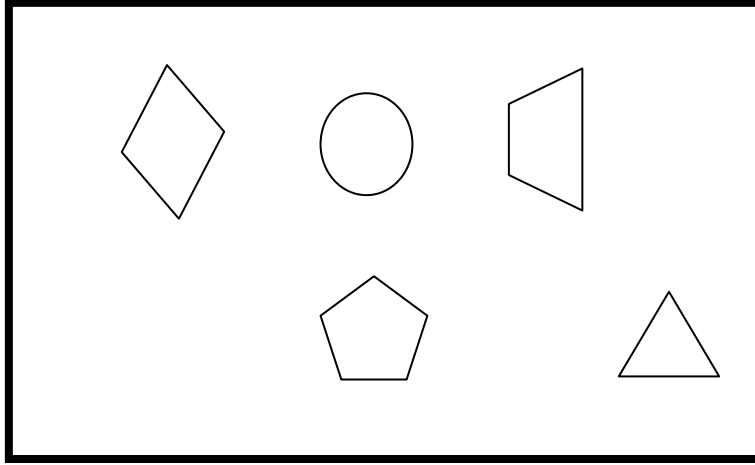
The figure above is

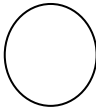
\* a right-angled / an isosceles / an equilateral triangle. (\* Circle the answer)

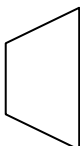
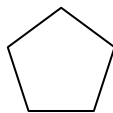
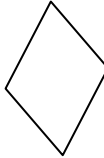
Please do not write in the margin.


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

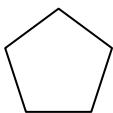
He puts  on the left of  .



(a) The shape under  is

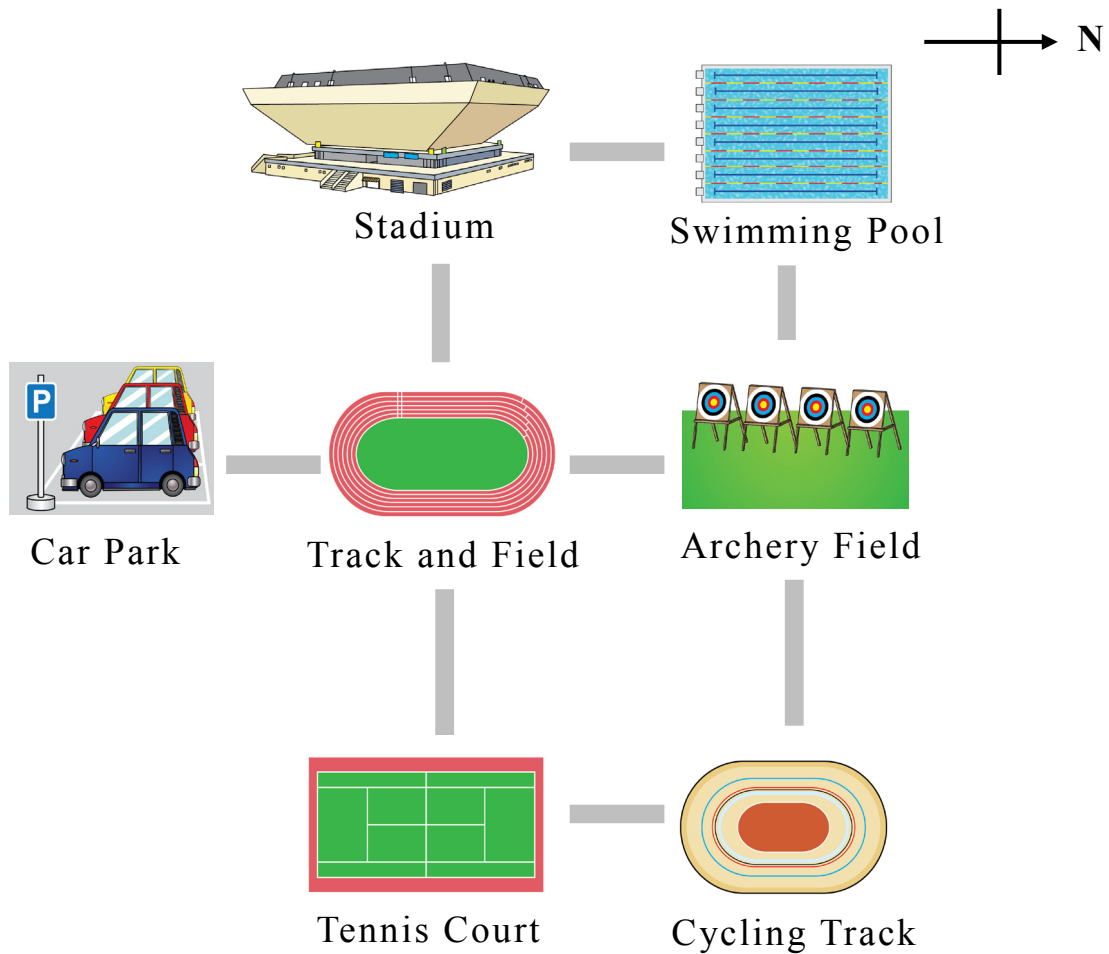
\*  /  /  . (\* Circle the answer)

(b)  is

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



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.

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

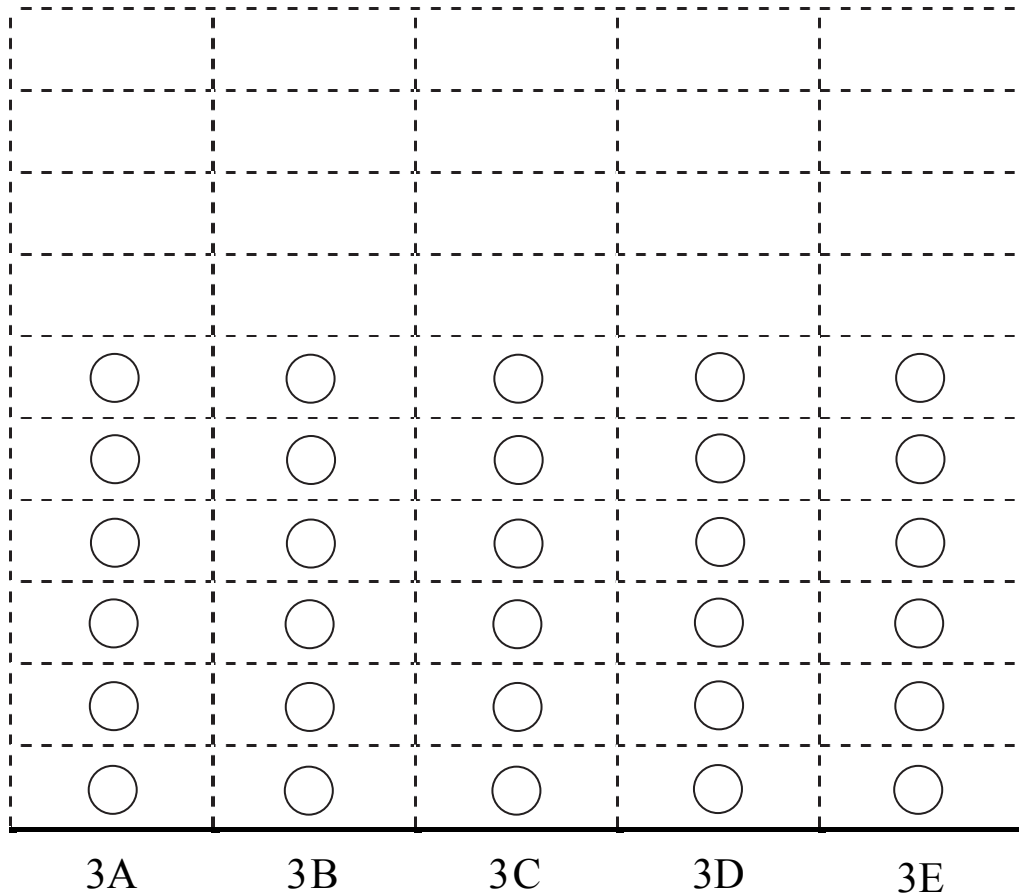
(a) According to the record, complete the table below.

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



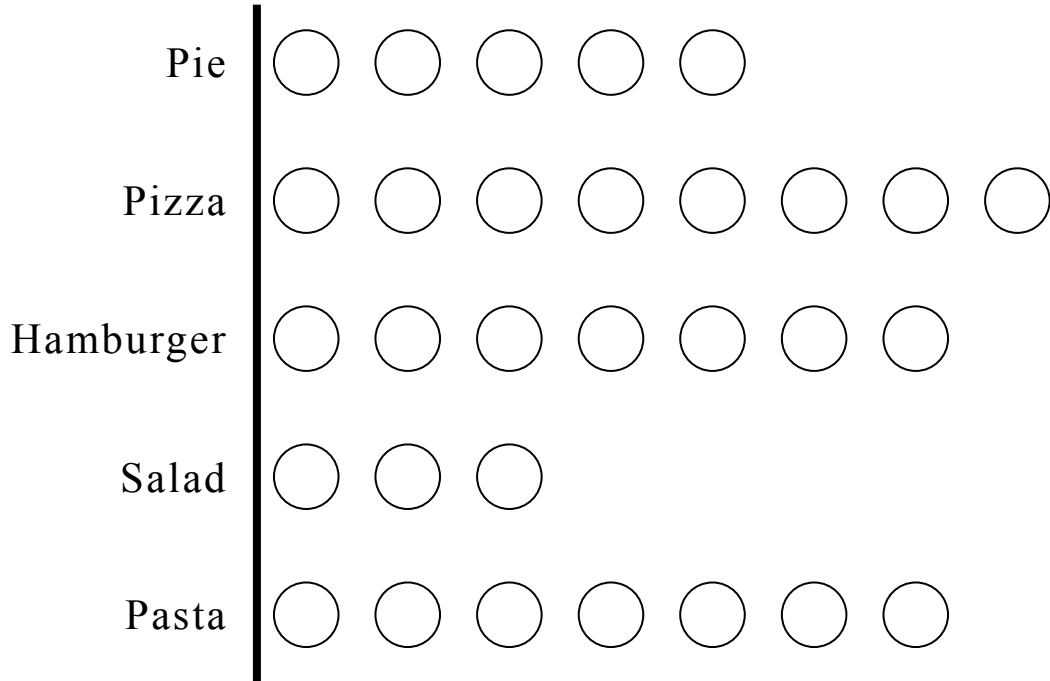
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36. Mr Lee did a survey of the favourite food of P.3D pupils. Each pupil chose one type only.

**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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