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Please stick the barcode label in the box

**Education Bureau**  
**Territory-wide System Assessment 2015**  
**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

Please do not write in the margin.

- |                  | Day 1  | Day 2  | Day 3  |
|------------------|--------|--------|--------|
| Number of people | 16 802 | 18 620 | 16 082 |

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

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

5.	$889 - 492 =$
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6.  $757 - 53 - 161 =$

- ☐ A. 66
- ☐ B. 166
- ☐ C. 543
- ☐ D. 643

7.  $127 \times 4 =$  \_\_\_\_\_

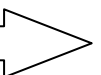
8.  $456 \div 3 =$  \_\_\_\_\_

9.  $317 \div 7 =$  \_\_\_\_\_

10.  $791 - (336 + 246) =$

- ☐ A. 209
- ☐ B. 219
- ☐ C. 582
- ☐ D. 701

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11.



There are 23 balloons in each bunch. The total number of balloons in 8 bunches is \_\_\_\_\_.

12.

Photo Package	Children's Photo	Family Photo	Passport Photo
Price	759 dollars	838 dollars	176 dollars



Mr Chan chooses the Family Photo and Passport Photo packages. He pays \_\_\_\_\_ dollars altogether.

13. Peter joins a computer course. The total fee for four lessons is 908 dollars. The fee for one lesson is \_\_\_\_\_ dollars on average.

14. Under the milk bottles recycling scheme, a customer gets 90 cents by returning a milk bottle. Mary returns 7 milk bottles. She will get \_\_\_\_\_ dollars and \_\_\_\_\_ cents.

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15. The fees of the sports training classes are shown below.

Sports Training Class	Fee
Squash	185 dollars
Fencing	130 dollars
Tennis	190 dollars
Cricket	75 dollars

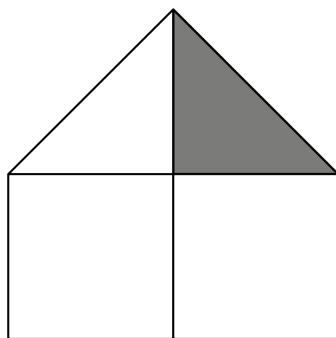
Mandy joins the squash, tennis and cricket classes. How much does she have to pay altogether?  
(Show your working)

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Please do not write in the margin.

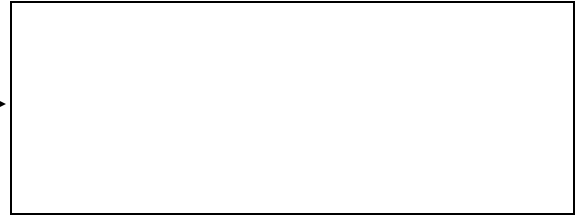
16. Ken buys tickets for the concert. He buys three tickets at 180 dollars each and one ticket at 380 dollars. How much does he have to pay altogether?  
(Show your working)

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



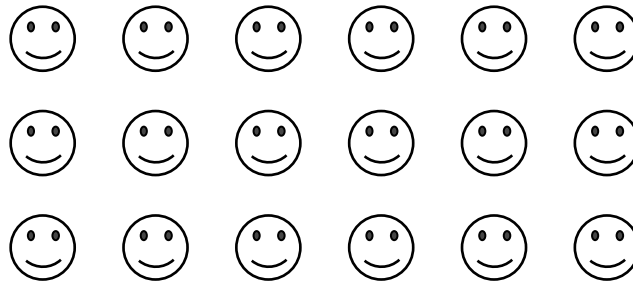
- ☐ A.  $\frac{1}{4}$
- ☐ B.  $\frac{1}{6}$
- ☐ C.  $\frac{1}{7}$
- ☐ D.  $\frac{1}{8}$

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18. There are 18 pupils in Class 3D. They join the Water Safety Slogan Design Competition. One pupil in this class is the champion.  $\frac{1}{3}$  of the whole class get a merit award. The rest of the class do not get any prize.



- (a) In Class 3D, the number of pupils getting the merit award is \_\_\_\_\_.

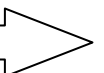
- (b)  $\frac{\square}{\square}$  of the pupils in Class 3D do not get any prize.

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

$$\frac{4}{7}, \quad \frac{4}{13}, \quad \frac{4}{5}$$

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

Please do not write in the margin.



20. Linda pays the following amount for a skirt in a department store.



- (a) Linda uses \_\_\_\_\_ 100-dollar notes.
- (b) The price of the skirt is \_\_\_\_\_ dollars.

21. (a)

1



can be exchanged for

\_\_\_\_\_

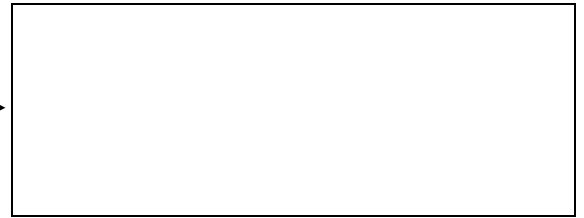


- (b) 12 \_\_\_\_\_ can be exchanged for \_\_\_\_\_





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22.

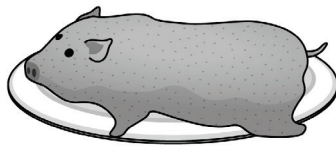


\$ 14.50

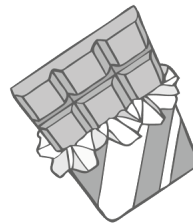
A carton of orange juice costs

\_\_\_\_\_ dollars and \_\_\_\_\_ cents.

23.



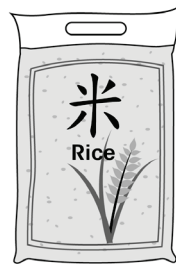
A



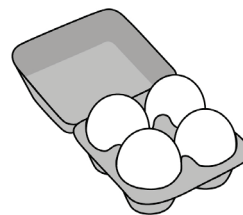
B



C



D



E

For which two of the above objects is 'kilogram' the most suitable unit for recording the weight?

Answer: \* A / B / C / D / E

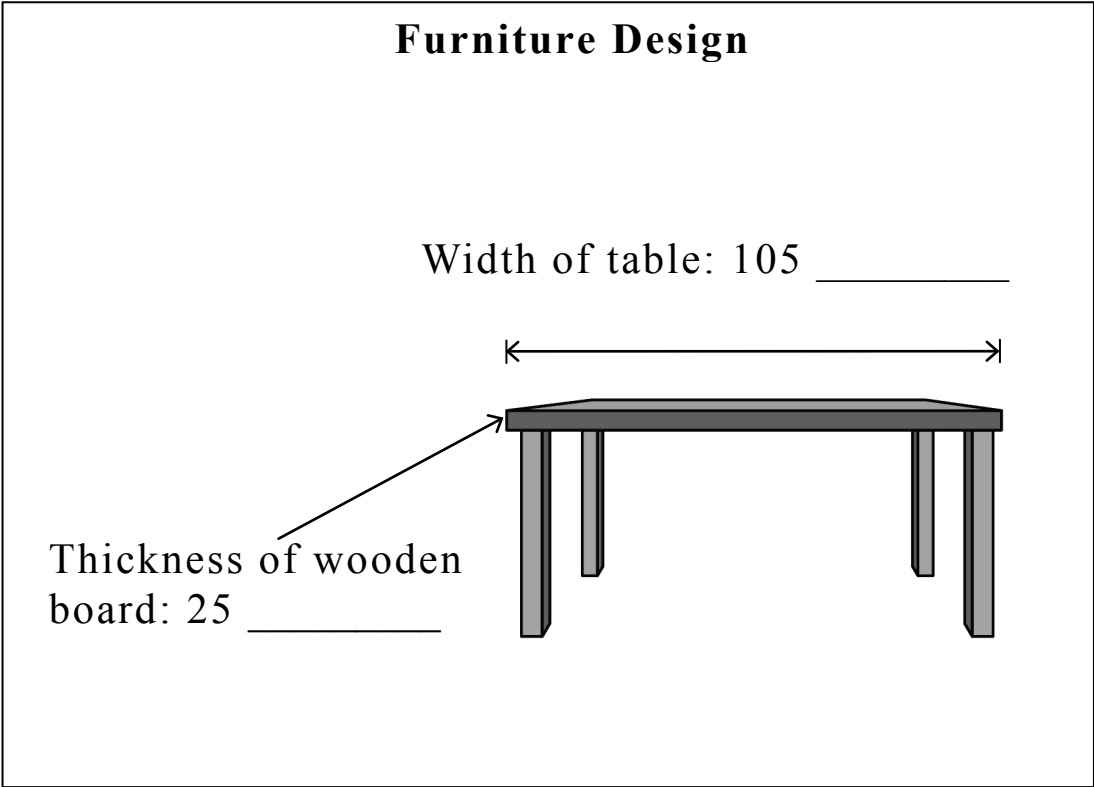
(\* Circle the answers)

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Please do not write in the margin.





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24. Mrs Cheung orders a table in a furniture store. Fill in the following blanks with suitable units.



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25. Answer the following questions according to the June calendar below.

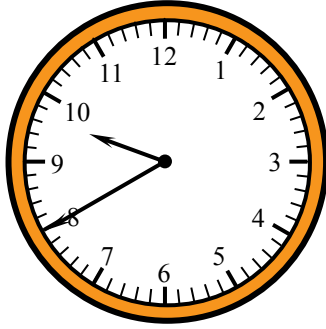
June						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9 	10 	11 	12 	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



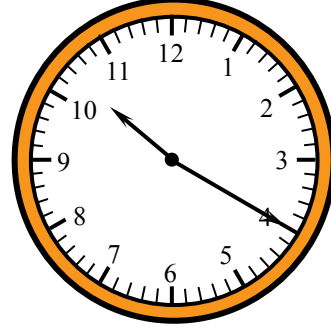
School Examination

- (a) The school examination starts on the \_\_\_\_\_ of \_\_\_\_\_.  
(month)
- (b) Teachers return the examination paper on the third Thursday of June.  
The date is the \_\_\_\_\_ of \_\_\_\_\_.  
(month)
- (c) Parents' Day is held on the last day of June.  
That day is \_\_\_\_\_.  
(day of the week)

26. The two clocks below show the starting time and end time of a Mathematics test.



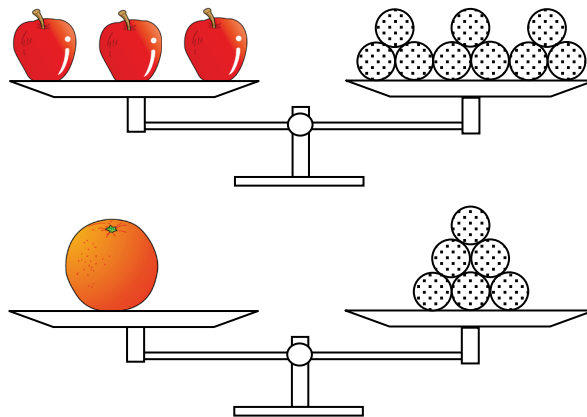
Starting Time



End Time

- (a) The Mathematics test starts at \_\_\_\_\_ minutes to \_\_\_\_\_ in the morning.
- (b) The Mathematics test ends at \_\_\_\_\_ minutes past \_\_\_\_\_ in the morning.
- (c) Students must finish the Mathematics test in \_\_\_\_\_ minutes.

27.



Study the diagram above. The weight of one \_\_\_\_\_ is equal to the weight of \_\_\_\_\_ .



28.

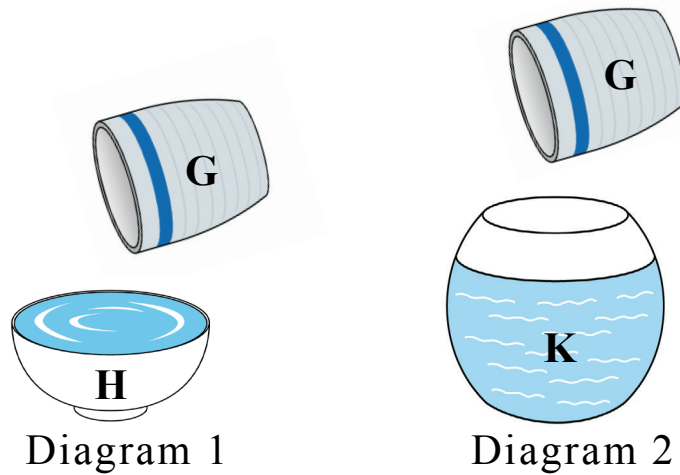


Diagram 1: Fill up the container **G** with water and then pour all the water into the container **H**. The container **H** is just filled up with the water.

Diagram 2: Fill up the container **G** with water and then pour all the water into the container **K**. The container **K** is still not full.

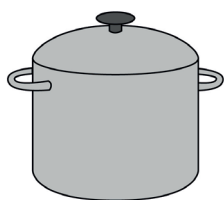
Which of the following is correct?

- ☐ A. The capacity of **H** is smaller than the capacity of **K**.
- ☐ B. The capacity of **H** is greater than the capacity of **K**.
- ☐ C. The capacities of **H** and **K** are the same.
- ☐ D. The capacities of **H** and **K** cannot be compared.

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Please do not write in the margin.

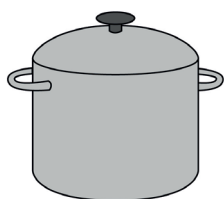
29.



of water can fill up



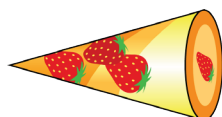
of water can fill up



of water can fill up \_\_\_\_\_



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



A



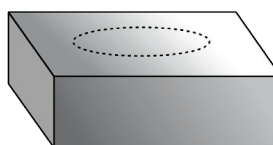
B



C



D



E

List:

(a) Prism(s): \_\_\_\_\_

(b) Cone(s): \_\_\_\_\_

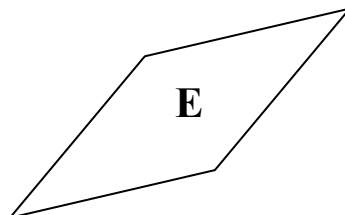
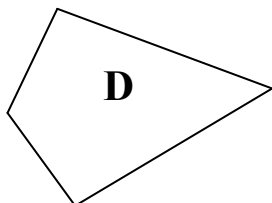
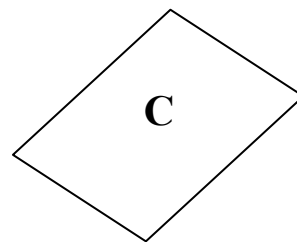
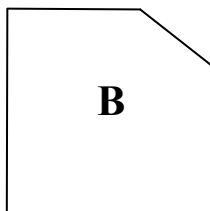
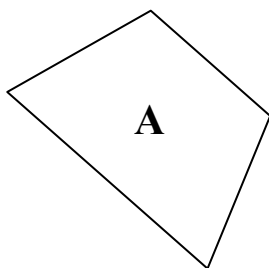
31.



The box above is a

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

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

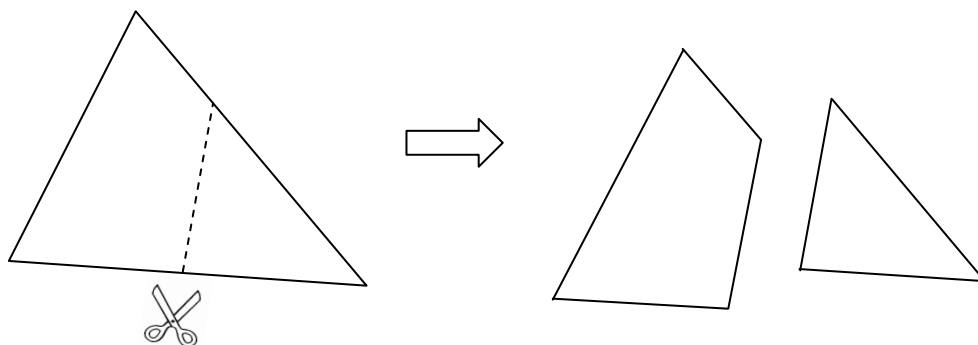


List:

(a) Trapezium(s): \_\_\_\_\_

(b) Rhombus(es): \_\_\_\_\_

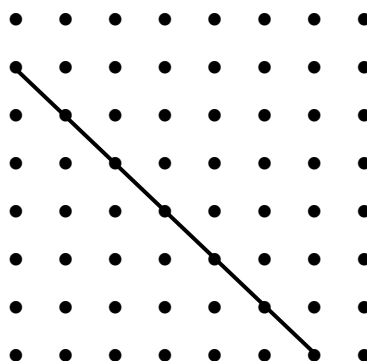
33.



By cutting the triangle above along the dotted line, you can get a triangle and a

- ☐ A. parallelogram.
- ☐ B. pentagon.
- ☐ C. quadrilateral.
- ☐ D. trapezium.

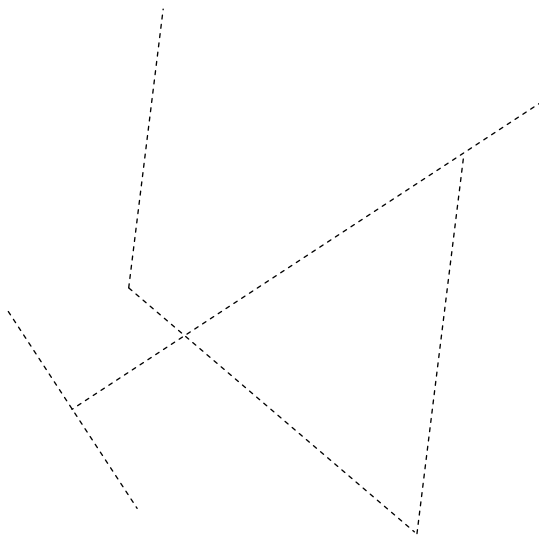
34. Draw a straight line parallel to the line given in the figure below.



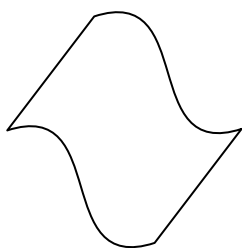


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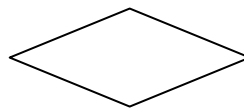
35. In the figure below, draw along the dotted lines to show a pair of perpendicular lines.



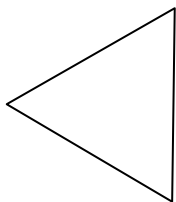
36. Which of the following 2-D shapes has a right angle?



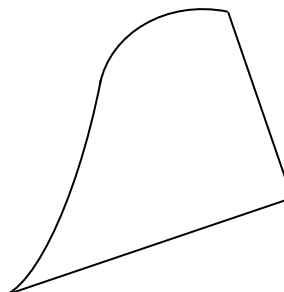
☐ A.



☐ B.



☐ C.

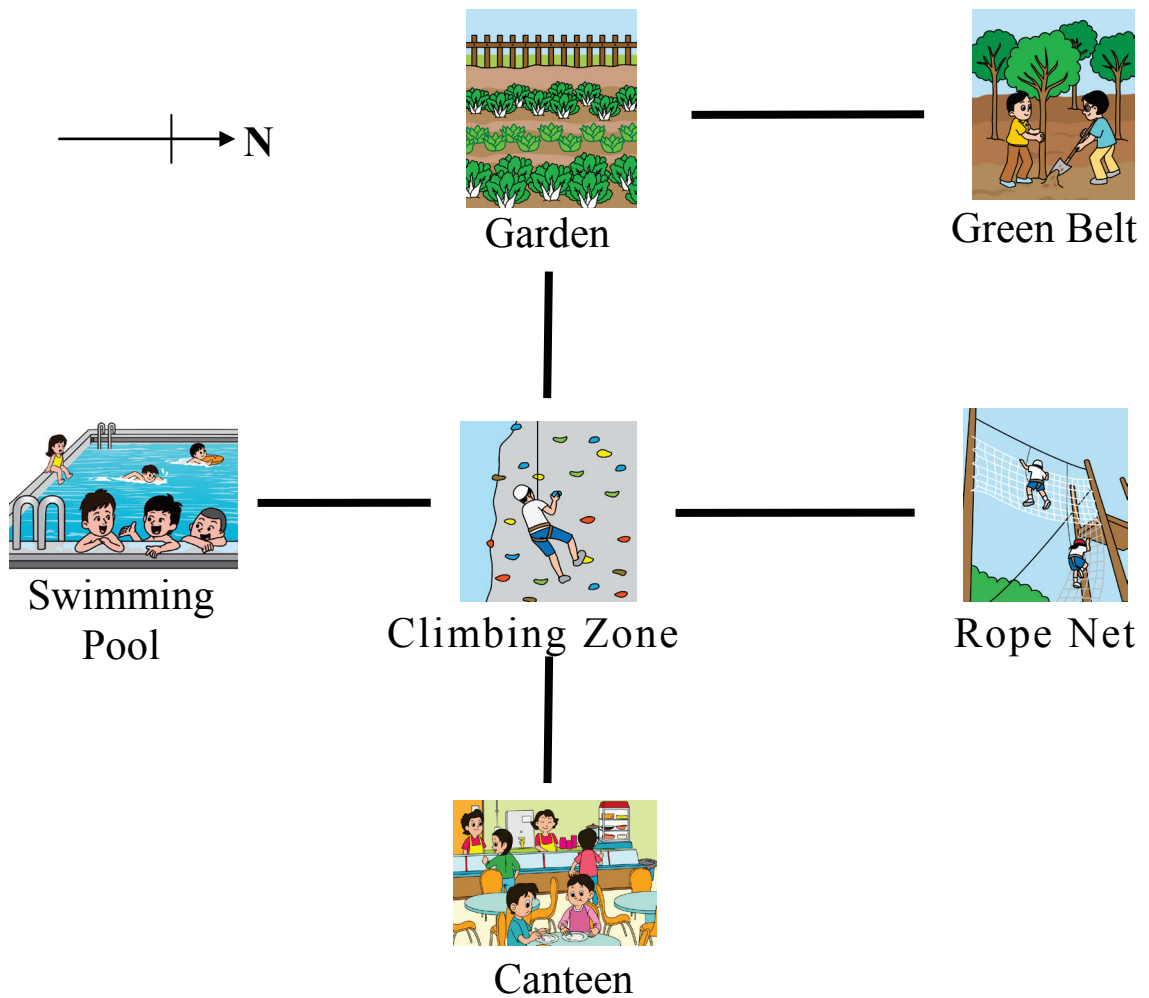


☐ D.

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37.

# Map of Happy Camp



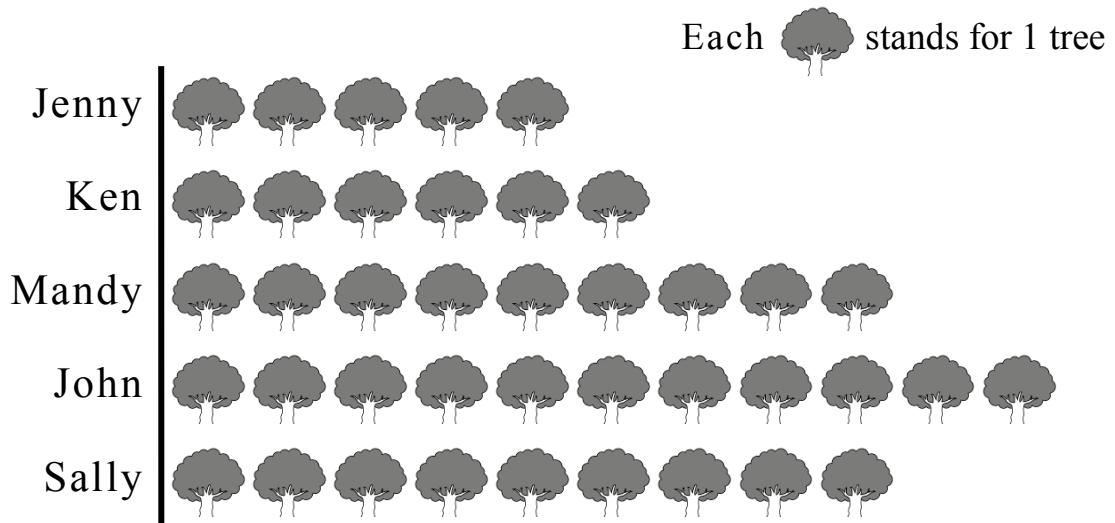
- (a) Green Belt is to the \* east / south / west / north of Rope Net. (\*Circle the answer)
- (b) Starting from Rope Net, John goes \* east / south / west / north to Climbing Zone. He then turns \* east / south / west / north to reach Canteen. (\*Circle the answer)
- (c) Climbing Zone is to the north of \_\_\_\_\_ .

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38. Five pupils joined the tree planting activity. The following pictogram shows the number of trees planted by each of the pupils.

### Number of Trees Planted by Five Pupils



- (a) Among the five pupils,  
 \* Jenny / Ken / Mandy / John / Sally  
 planted the least number of trees. He / She planted  
 \_\_\_\_\_ trees. (\* Circle the answer)
- (b) The number of trees that Ken planted was  
 \_\_\_\_\_ \* more / less than that of Sally.  
 (\* Circle the answer)
- (c) Each pupil who plants 10 trees or more will get a badge. According to the pictogram, who will get a badge? Why?  
 Answer: \*Jenny / Ken / Mandy / John / Sally  
 (\*circle the answer) will get a badge  
 because \_\_\_\_\_  
 \_\_\_\_\_.

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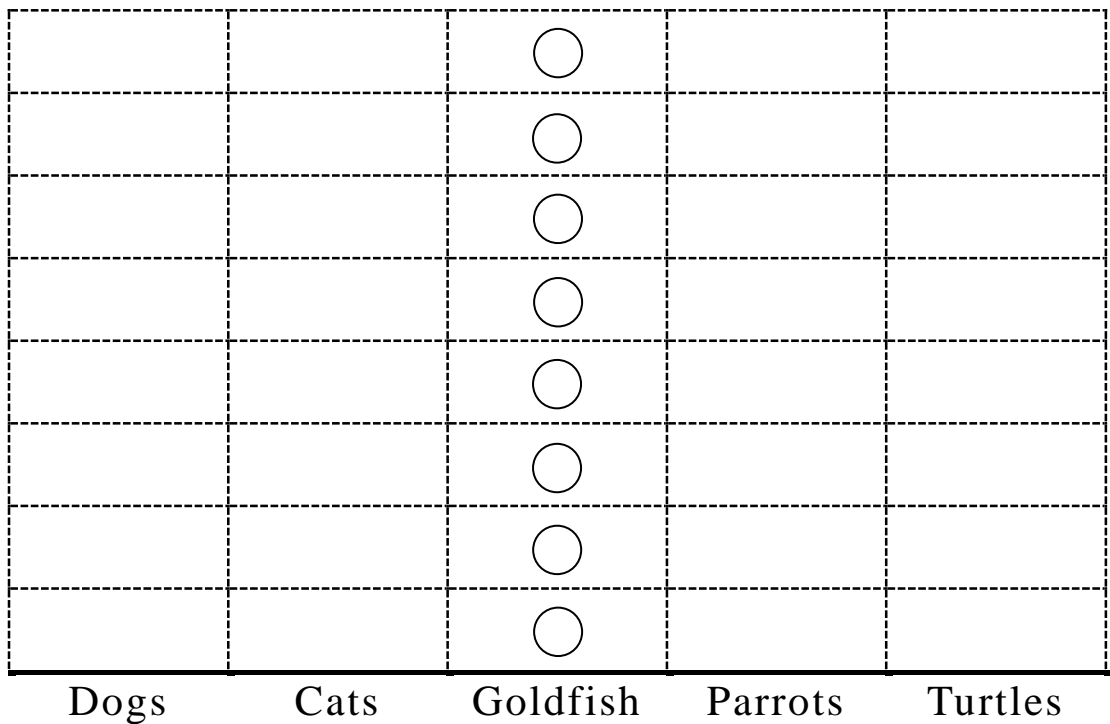
39. Mr Wong did a survey of the number of P.3E pupils having different types of pets.  
(a) According to the record, complete the table below.

Types of pets	Dogs	Cats	Goldfish	Parrots	Turtles
Record		+++	+++		
Number of pupils					

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

(Title)

Each ○ stands for 1 pupil



— END OF PAPER —

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