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 2015
Primary 3
Mathematics

Instructions:

1. Stick barcode labels on pages 1, 3, 5, 7 and 9 in the spaces provided.
2. There are 37 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

Class
班別
3

Class No.
班號

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 73 296, the digit '9' stands for

   * 9 / 90 / 900 / 9 000 / 90 000 .

   (*Circle the answer)

2. Four 5-digit numbers are arranged from the smallest to the largest.

   36 121 , [   ] , [   ] , 37 149

   (Smallest)   (Largest)

   Choose from the list below and fill in the blanks.

37 195	36 348	36 194

3. 161 + 39 + 492 =

   ○ A. 592

   ○ B. 682

   ○ C. 692

   ○ D. 1 043

4. 436 − 127 − 127 =

   ○ A. 82

   ○ B. 182

   ○ C. 309

   ○ D. 436

5. 267 × 5 = _____

6. $42 \times 7 \times 3 = $ _____

7. $968 \div 9 = $

  ○ A. 17

  ○ B. 17…5

  ○ C. 107

  ○ D. 107…5

8. $25 - 35 + 20 = $

  ○ A. 10

  ○ B. 30

  ○ C. 40

  ○ D. 80

9. $878 - 238 \times 3 = $ _____

10. Tom buys 9 dozen egg tarts. That is a total of _____ egg tarts.

11. A charity organisation prepares 971 bags of rice for the elderly. Volunteer Team A gives out 402 bags of rice and Team B gives out 563 bags. The number of bags of rice left is _____ .

12. Each ticket for Fun Park costs 225 dollars. Every purchase of 4 tickets can save 45 dollars. Linda buys 4 tickets. How much does she have to pay?
(Show your working)

13. A shop sells 870 rice cookers in 6 months.
The number of rice cookers sold in each month is
_____ on average.

14.

$1.70

$15.50
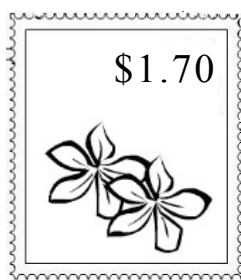
(a) The total cost of the two stamps above is
_____ dollars and _____ cents.

(b) Jenny pays 50 dollars for these two stamps. The
change is _____ dollars and _____ cents.

15.

Free Cookware with Stamps

| 340 stamps | 385 stamps | 290 stamps |

Sarah has 592 stamps. She wants to get a ⬛ and

a ⬛ with her stamps. How many more

stamps does she need?
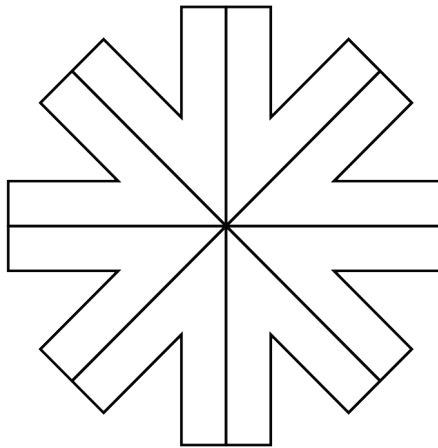(Show your working)

Please do not write in the margin.

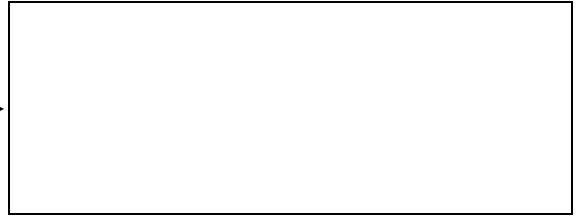16. In the following figure, what fraction of the whole is shaded?
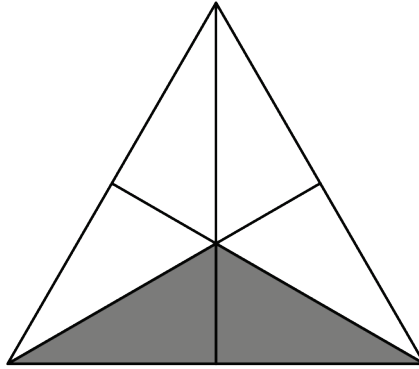
Answer: $\dfrac{\square}{\square}$ of the whole is shaded.

17. Use a pencil to shade $\dfrac{1}{2}$ of the whole diagram.
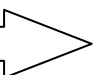
18. (a) Which of the following is correct?

    ○ A. $\frac{2}{2}$ is smaller than $\frac{1}{1}$.

    ○ B. $\frac{2}{2}$ is larger than $\frac{1}{1}$.

    ○ C. $\frac{2}{2}$ is equal to $\frac{1}{1}$.

    ○ D. Cannot compare $\frac{2}{2}$ and $\frac{1}{1}$.
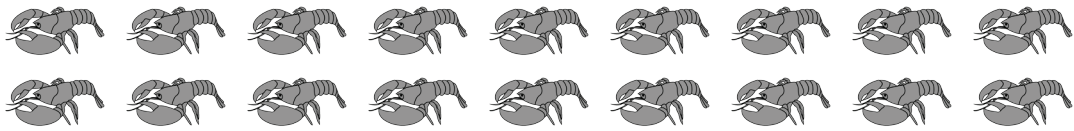
(b) Fill in the box with a suitable number.

$$\frac{3}{\boxed{}} \text{ is smaller than } \frac{3}{7} .$$
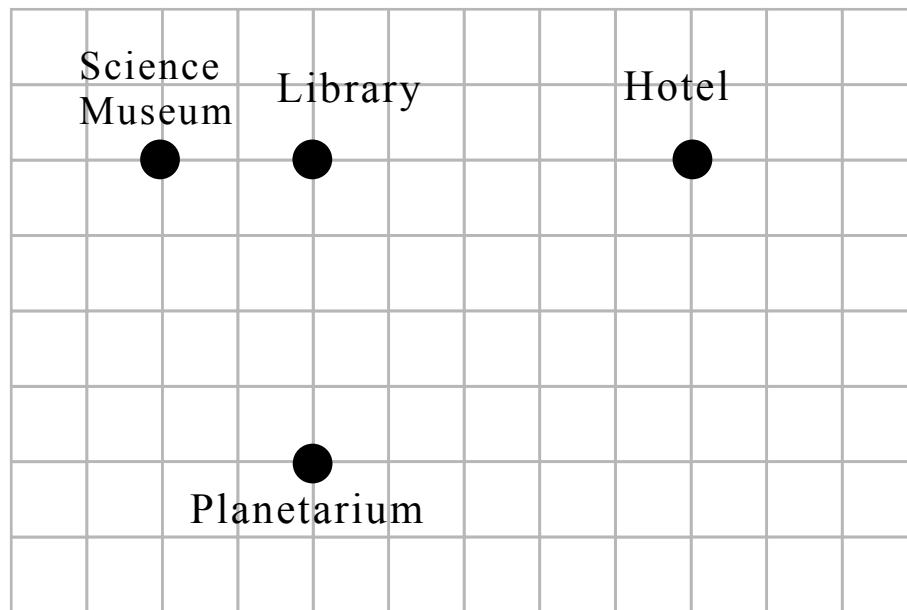
19.

John has a box of lobsters. He gives $\frac{3}{18}$ of all the

lobsters to Mary, $\frac{5}{9}$ of all the lobsters to Peter and $\frac{5}{18}$ of

all the lobsters to Paul.

* Mary / Peter / Paul gets the most lobsters.
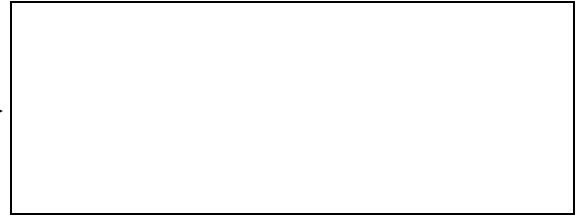(*Circle the answer)

20.

In the map on the squared paper,

* Science Museum / Planetarium / Hotel is the

farthest from Library.
(* Circle the answer)

21.

$ 350.00

Eric pays [FIVE HUNDRED 500] for the tennis racket. Circle the

change returned by the shopkeeper.

Please do not write in the margin.

Please do not write in the margin.

22. Below shows the athletic record of James.

Athletic record
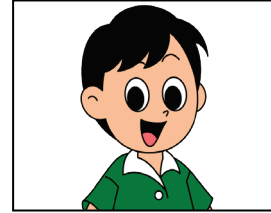
Name: James Cheung

Sex: Male

Height: 123 cm

Weight: 33 kg

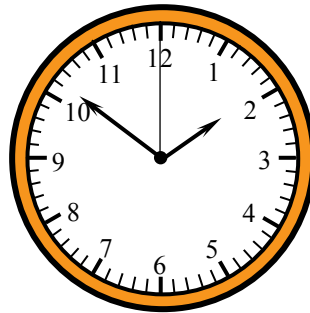Long Jump: 1 * cm / m / km

(*Circle the answer)

5 * cm / m / km   Marathon: 2 hours

(*Circle the answer)

23.

Time of the firemen setting off to the scene

(a) The clock above shows the time of the firemen setting off to the scene of a traffic accident at
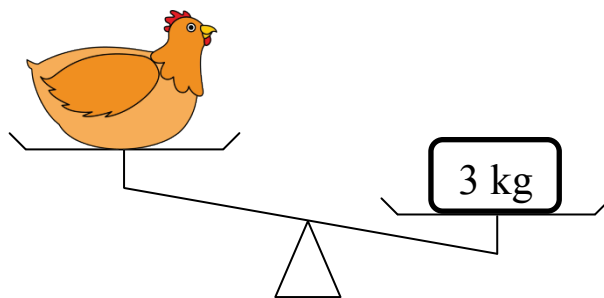
_____ minutes to _____ in the afternoon.

(b) The firemen arrive at the scene at | 1:55:45 PM |.

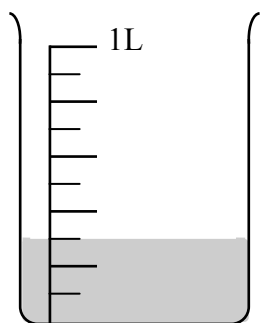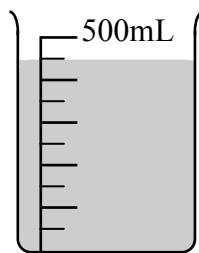They take _____ minutes and _____ seconds to get there.

24.

The weight of may be
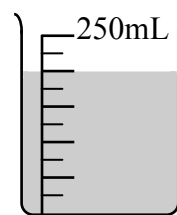
○ A. 5 kg.

○ B. 4 kg.

○ C. 3 kg.

○ D. 2 kg.

25. Arrange the amount of water in the three containers below, from the largest to the smallest. Write the letters for the answer.
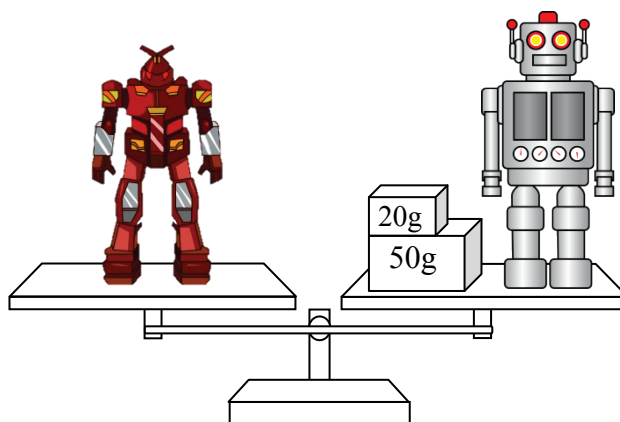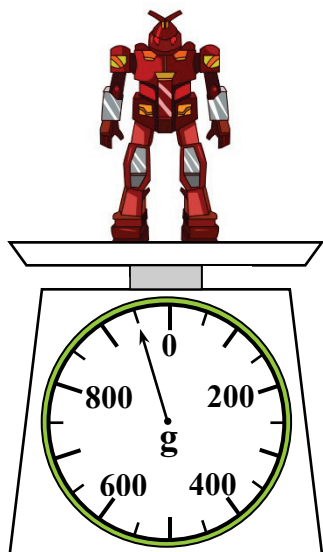

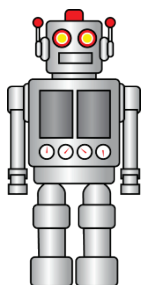Answer: _____ , _____ , _____
            (Largest)   (Smallest)

(a) [robot image] weighs _____ .
(Give your answer with a unit)

(b) [robot image] is _____ g * lighter / heavier

than [robot image] . (* Circle the answer)

27. 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)
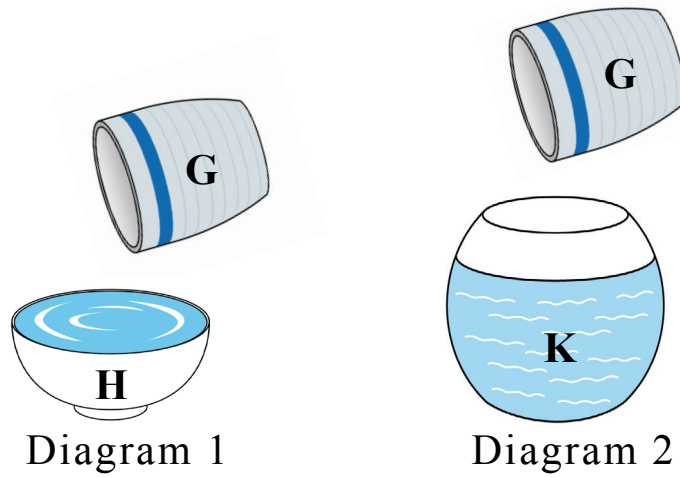
28.

Diagram 1   Diagram 2

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.
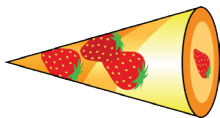
Which of the following is correct?

○   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.

29. Follow the instruction. Write down all the letters for the answers.
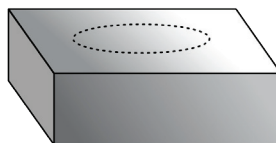
A

B

C

D
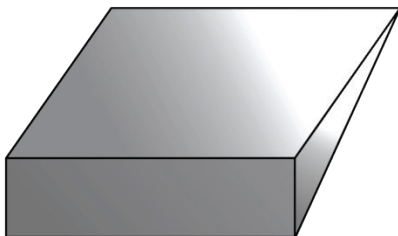
E

List:

(a)   Prism(s):_____

(b)   Cone(s): _____
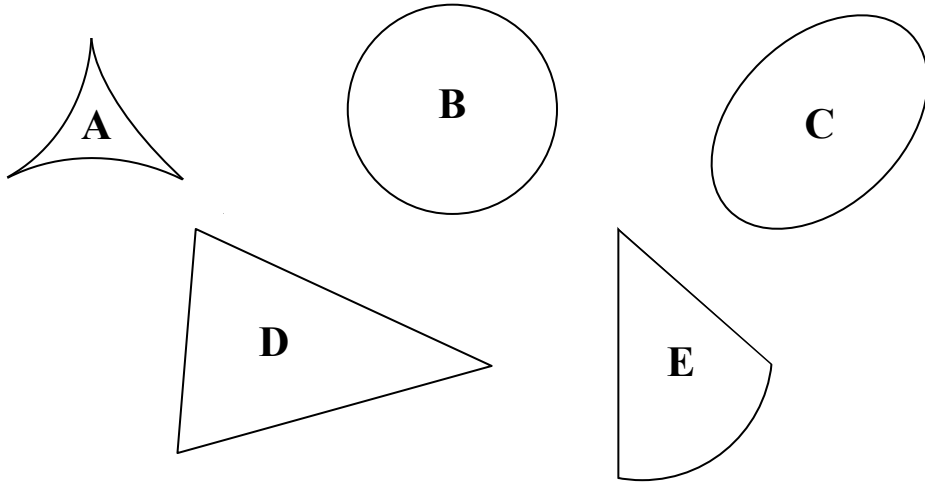
30.

The 3-D shape above is a

○   A.   pyramid.

○   B.   prism.

○   C.   triangle.

○   D.   rectangle.

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

List:

(a) Triangle(s):_____

(b) Circle(s): _____

32. In the diagram below, draw a line along the dotted line which is perpendicular to line **L**.
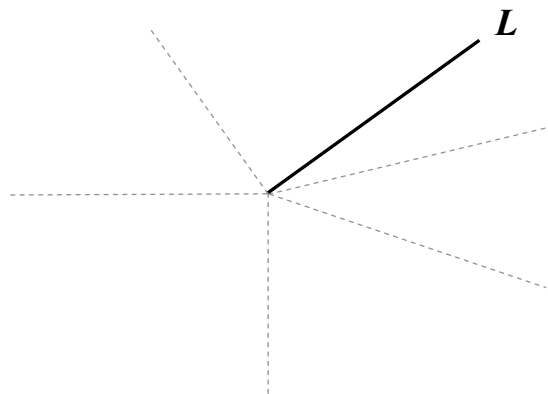
33. Study the 2-D shapes below. Write down all the letters for the answers.

A   B   C

D   E
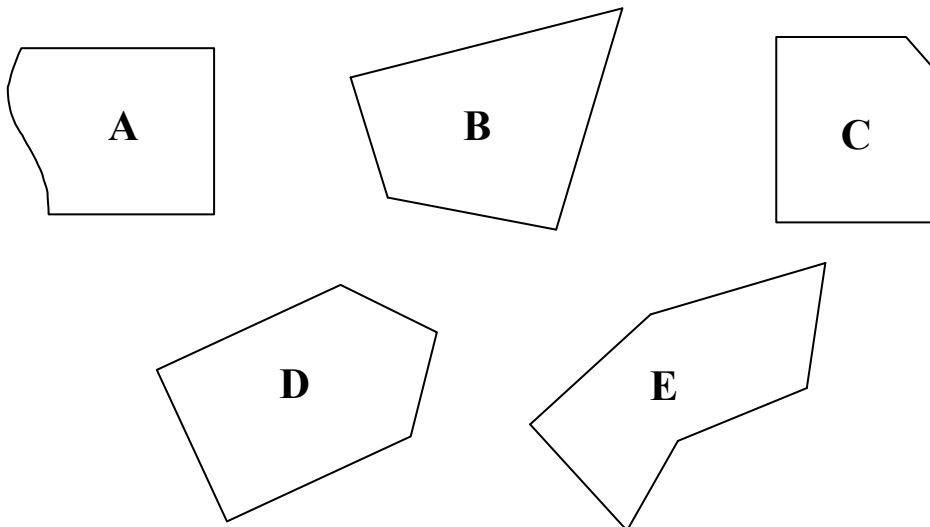
List:

(a)   Hexagon(s):_____

(b)   Quadrilateral(s): _____

34.

Judy cuts the triangle above along the dotted line. She gets

○   A.   an isosceles triangle and an equilateral triangle.

○   B.   an equilateral triangle and a right-angled triangle.

○   C.   two isosceles triangles.

○   D.   two right-angled triangles.

35.

Map of Happy Camp

Garden   Green Belt

Climbing Zone   Rope Net

N
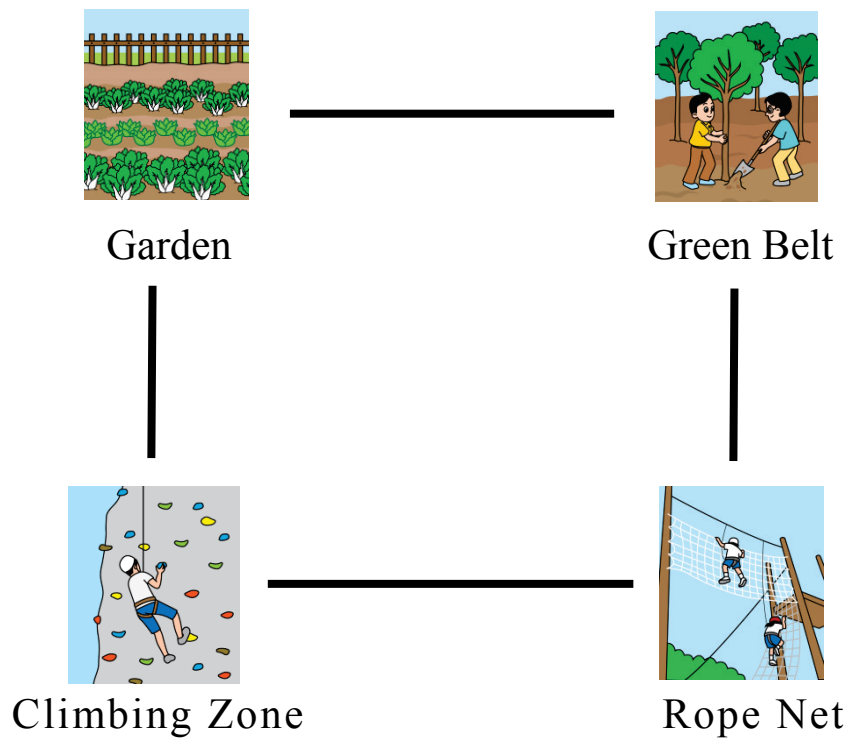
(a)   Garden is to the _____ of Green Belt.
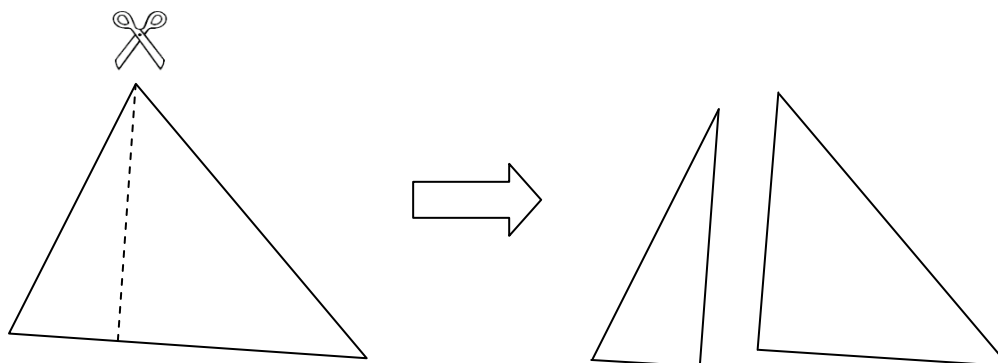   (direction)

(b) Starting from Garden, Paul goes _____
                                       (direction)

      to Climbing Zone. He then turns _____
                                       (direction)

      to reach Rope Net.

36. The pupils of P.3C voted for their favourite tourist attraction with one person, one vote. The results are as follows:

Tourist Attraction	The Peak	The Big Buddha	Stanley Market	Avenue of Stars
Number of pupils	2	7	5	4

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

(Title)

Each ◯ stands for 1 pupil

	◯	◯								
The Big Buddha										
Stanley Market										
	◯	◯	◯	◯						

37. Ms Lee did a survey of the number of P.3 pupils wearing glasses.

Number of P.3 Pupils Wearing Glasses

Each 👓 stands for 1 pupil

3A	3B	3C	3D	3E
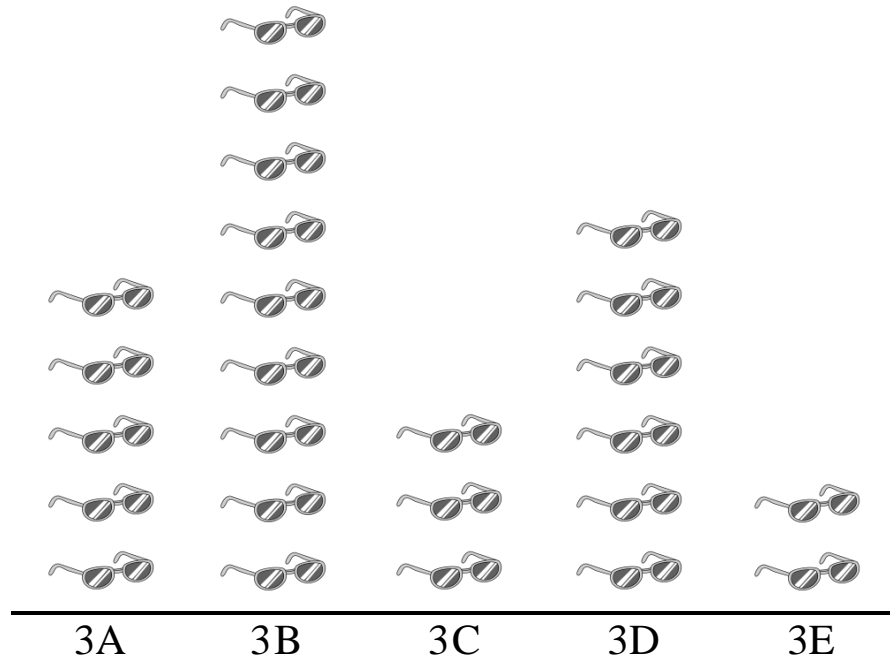
(a) The number of pupils wearing glasses was the least in Class _____ .

There were _____ pupils.

(b) The number of pupils wearing glasses in

Class _____ was 2 more than that in

Class _____ .

(c) The total number of P.3 pupils wearing glasses

was _____ .

— END OF PAPER —

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