TARGET To describe the position of a point on a grid by giving its co-ordinates.
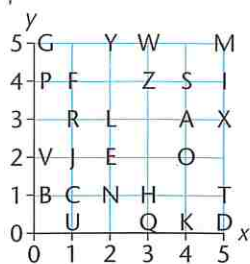
The position of a point on a grid is given by its x and y co-ordinates.
The x co-ordinate always comes first.

Examples
Point R is (1, 3)
Point H is (3, 1)

A

Use the above grid.
Which letter is at point:

1 (1, 3)   **5** (2, 2)

2 (5, 1)   **6** (4, 3)

3 (0, 4)   **7** (5, 5)

4 (3, 5)   **8** (1, 0)?

Give the position of:

9 B   **13** X

10 Y   **14** F

11 O   **15** H

12 Q   **16** V.

Start at the co-ordinate given. Follow the direction. Write down the letter you find.

17 (5, 5)   Down 4

18 (3, 5)   Left 3

19 (3, 2)   Up 2

20 (0, 3)   Right 2

21 (4, 5)   Down 5

22 (5, 1)   Up 3

23 (4, 1)   Left 2

24 (1, 0)   Right 4

B

Use the above grid.
Write down the name spelled out.

1 (5, 1)   **4** (0, 4)
(4, 2)   (3, 1)
(0, 1)   (5, 4)
(2, 5)   (2, 3)

2 (5, 5)   **5** (1, 2)
(4, 3)   (4, 3)
(1, 0)   (5, 0)
(5, 0)   (2, 2)

3 (4, 0)   **6** (0, 1)
(2, 2)   (4, 2)
(0, 2)   (1, 3)
(5, 4)   (5, 4)
(2, 1)   (4, 4)

Start at the co-ordinate given. Follow the direction. Write down the letter you find.

7 (4, 5)   Left 2   Down 2

8 (0, 1)   Right 3   Up 4

9 (5, 3)   Left 4   Up 1

10 (2, 5) Right 2   Down 3

11 (1, 0) Right 4   Up 3

12 (4, 3) Left 3   Down 2

C
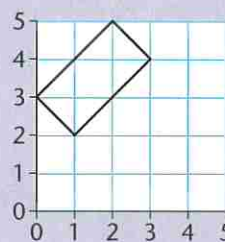
1 Copy the grid and the rectangle.

2 Draw the rectangle again moving each corner two squares right and two squares down.

3 Give the co-ordinates of:
   a) the first rectangle
   b) the second rectangle.

For each of the following, draw a 5 × 5 grid as above. Plot the points and join up in the order given. Follow the directions to draw the shape again.

4 (4, 1) (4, 2) (5, 3) (5, 0)
(4, 1)
Left 3 Up 1

5 (3, 4) (3, 5) (5, 5) (3, 4)
Left 2 Down 2

6 (1, 1) (2, 2) (4, 2) (3, 1)
(1, 1)
Right 1 Up 3

7 (0, 3) (1, 5) (2, 3) (0, 3)
Right 2 Down 3