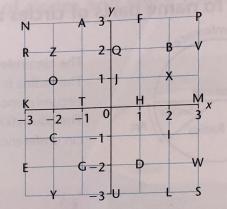
TARGET To describe positions on the full co-ordinate grid.

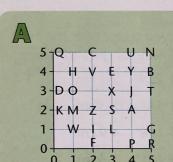
The position of a point on a grid is given by its x and y co-ordinates.

The x co-ordinate always comes first.

Examples

Point O is (-2, 1)Point X is (2, 1) Point C is (-2, -1)Point I is (2, -1)





Use the above grid. Which letter is at:

1 (3, 4)

5 (4, 3)

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

(2, 2)3 (0, 3)

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

Give the position of:

9 G (13) V

10 C

12 K 16 Q.

Use the grid to write:

17 your name

18 your school

19 your favourite colour

20 your favourite meal.

Use the above grid. Which letter is at:

1 (3, 2)

(-2, 2)

(2) (-3, -2) (6) (1, -2)

3 (0, 1)

(-1,0)

(2, -3)

(-2, -1)?

Give the position of:

9 W

10 Y

14 P

110

12 G

16 C.

Each set of co-ordinates spells out the name of a European capital city, but one letter has been moved. Find the city.

(3, -3)

(-2, 1)

(-2, 1)(2, -3) (3, 0)(-3, -2)

(-2, 1)

(-3, 2)

(-1,0)

20 (2, -1) (3, -3)

(1, 0)(-3, -2)

(-2, 1)

(-3, 3)

(1, 3)

(-1, 3)

(-1, 3)

(3, -3)

21 Write in co-ordinates the countries of which these cities are the capitals.

Use the above grid. Find the European capital cities.

1)(2, -3)

(3) (3, -3)

(0, 1)(0, -3) (-3, 0)(-2, 1)

(2, 2)

(3, 3)

(2, -3)

(0, 1)(-3, -2)

(0, 1)(-1, 3)

(4) (-3, 2)

(-3, 3)(-1, 3)

(-3, -2)(-2, -3)

2 (3, 2)

(-3, 0)

(-1, 3)

(0, 1)

(1, -2)(0, -3)

(-1, 3)(3, 2)

(-2, 2)

(2, -1)(-3, 0)

5 Write in co-ordinates the countries of which these cities are the capitals.

6 A (-3, 1), B (1, 3) and C(3, -1) are three vertices of square ABCD. Draw a grid like the one above, plot the points and complete the square.

7 Find the midpoint of line:

> a) AB c) CD e) BD b) BC d) AD f) AC.