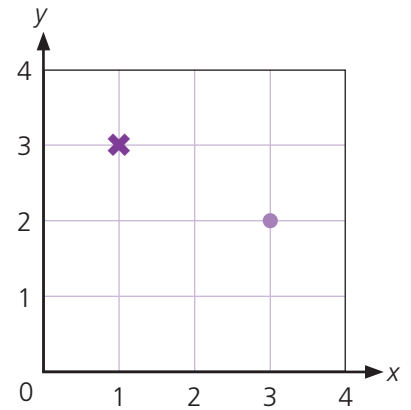# Co-ordinates 1

## Explanation

**Co-ordinates** allow you to pinpoint exactly where a point or shape is on a graph or map.

Co-ordinates are written in brackets separated by a comma, like this (**3**, **2**). They are an 'ordered pair' of numbers, which means the order in which they are written is important.

The **first** number is the **x co-ordinate**, which shows how many places **across** to move on the horizontal axis. The second number is the **y co-ordinate**, which shows how many places **up** or **down** to move on the vertical axis.

Remember the position of the axes by saying 'x is a cross' because the x axis goes across.



The dot is at (**3**, **2**) and the cross is at (**1**, **3**).
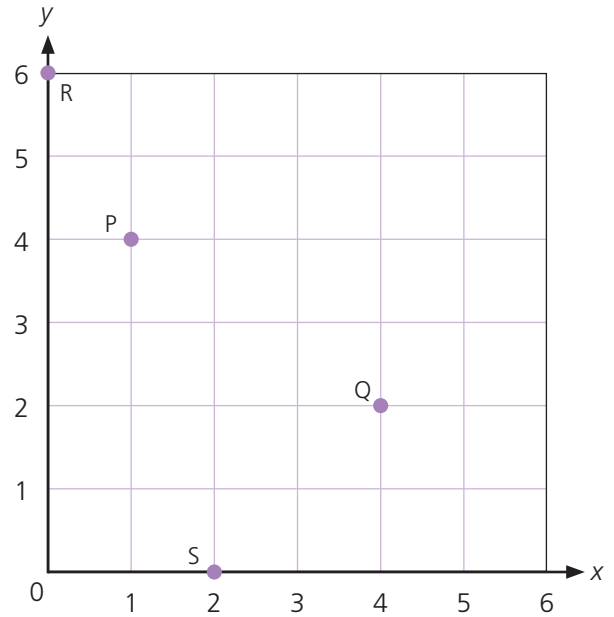
## Activities

**1** Write the **co-ordinates** of the positions of these letters on the grid below.

a **P**  (____ , ____)

b **Q**  (____ , ____)

c **R**  (____ , ____)

d **S**  (____ , ____)



**2** Mark these letters on the grid above.

a **J** at (**6**, **3**)　　b **K** at (**2**, **5**)　　c **L** at (**3**, **4**)　　d **M** at (**5**, **1**)