

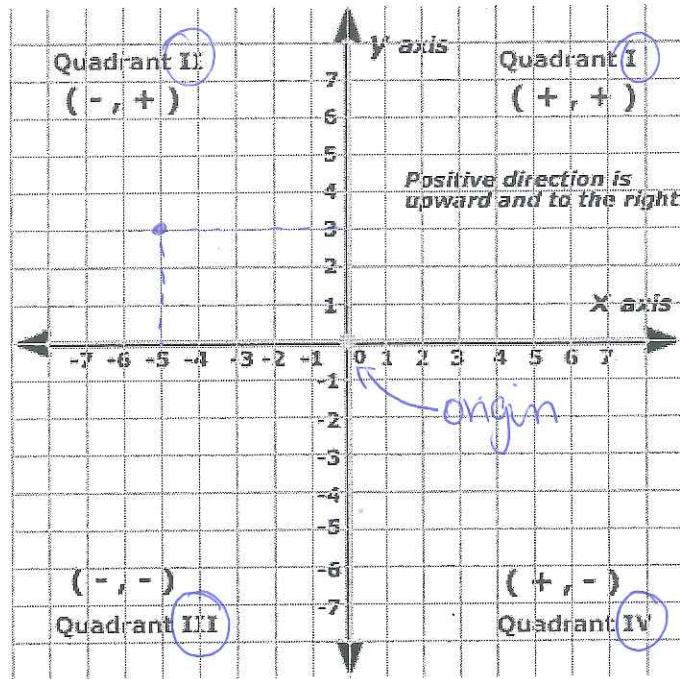
## Graphing on the Co-ordinate Grid

Recall the Co-ordinate grid:

~~7~~  $x, y$   
A  $(6, -4)$

eg.  
 $(x, y)$

$(-5, 3)$



The horizontal number line is known as the x-axis and is labelled as such.

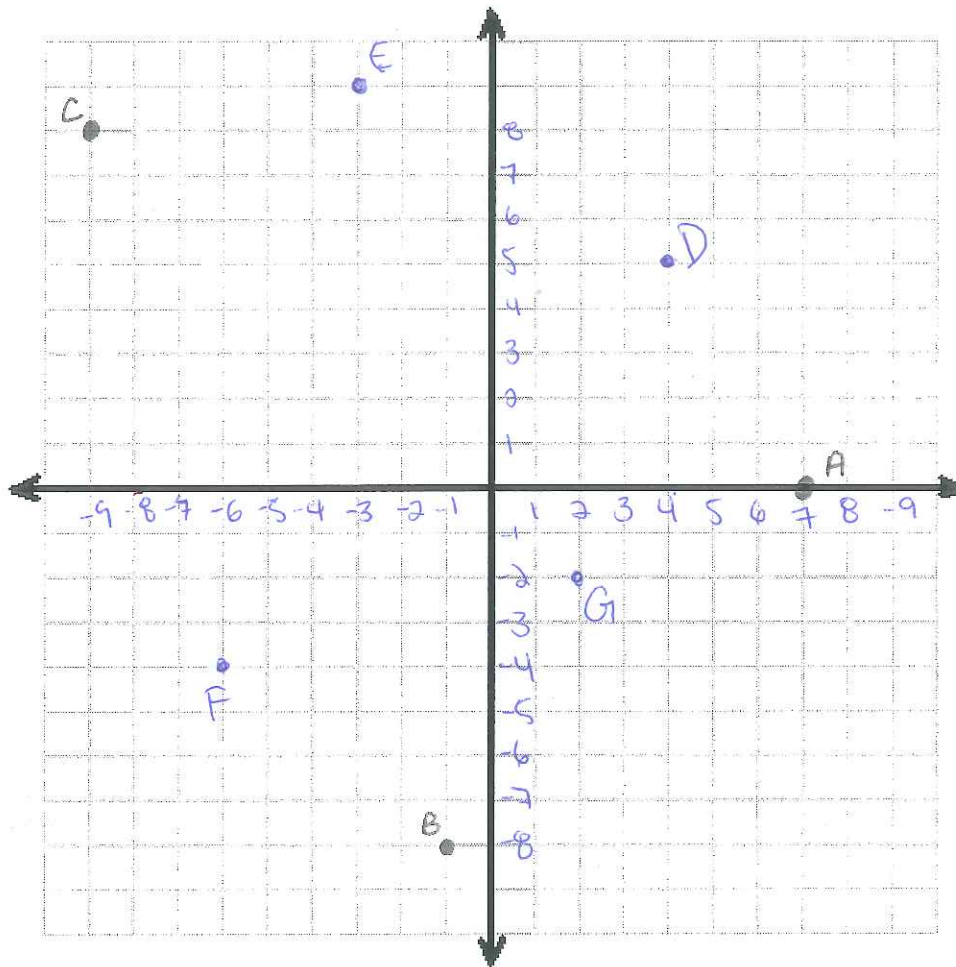
The vertical number line is known as the y-axis and is labelled as such.

The point where the y- and x-axis meet is known as the origin. Its coordinates are  $(0, 0)$ .

A pair of numbers, known as an **ordered pair**, can be used to locate a point on a **co-ordinate grid**. The first number in the pair is the x-coordinate and indicates how far to the left or right you go along the x-axis. The second number in the pair is the y-coordinate and this number indicates how far up or down you go along the y-axis.

$(x, y)$

Eg.



On the above co-ordinate grid, list the ordered pairs for the following points:

Point A (7, 0)

Point B (-1, -8)

Point C (-9, 8)

Place the following points on the co-ordinate grid above:

D (4, 5)

E (-3, 9)

F (-6, -4)

G (2, -2)

Practice # 1-13, 20

Angry Bird Plot after