

TABLE OF VALUES CAN ALSO BE WRITTEN AS ORDERED PAIRS
 (x,y) is always the order or (independent, dependent)

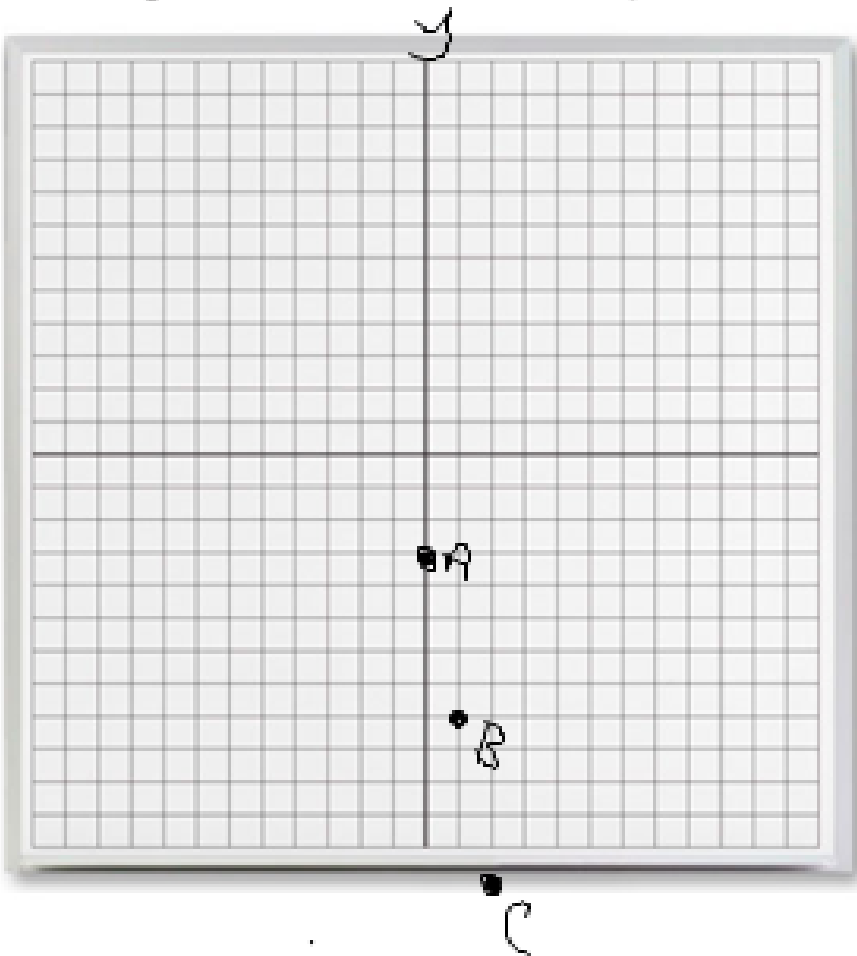
Example 2

The equation of a linear relation is: $y = -5x - 3$

Some ordered pairs in the relation are:

A (0, -3), (1, -8), (2, -13), (3,), (4, -23), (5, -28)

Find the missing numbers in the ordered pairs.



↓
coordinates

ex.

x	y
1	4
2	8
3	12

→ (1, 4)
 → (2, 8)
 → (3, 12)

$y = -5x - 3$
 $y = -5(3) - 3$
 $y = -15 - 3$
 $y = -18$
 (3, -18)

$y = -5x - 3$
 $-28 = -5x - 3$
 $+3$
 $-25 = -5x$
 $\frac{-25}{-5} = \frac{-5x}{-5}$
 $x = 5$