

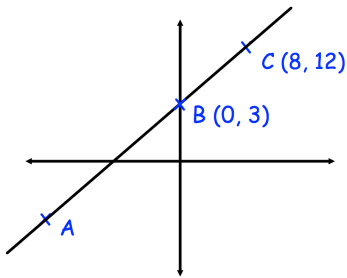
**9th February**

Corbettmaths

A water tank springs a leak (at the base) and loses 8% of its water every minute.

What percentage of water is lost over 5 minutes?

Simplify  $\sqrt{48}$



AB:BC is 5:2

Find the coordinates of point A

Convert  $0.\overline{34}$  to a fraction.

Give your answer in its simplest form.

$$(ax + 1)(x - 3)(x + b) = 2x^3 - 3x^2 - 8x - 3$$

Find a and b