

**22nd January**

Corbettmaths

The mean of five numbers is 12.

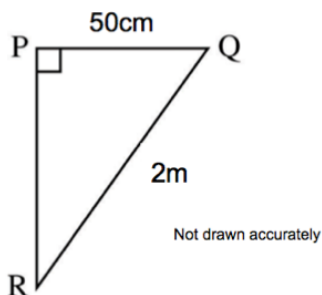
Four of the numbers are 7, 2, 15 and 4.

Work out the fifth number

A line has equation  $y = \frac{4}{5}x + 3$

Write down the gradient of the line

Write down the y-intercept of the line



Work out the length of PR.

Calculate the density of a piece of wood with a mass of 7g and a volume of  $10\text{cm}^3$

Solve  $x^2 + 9x + 14 = 0$