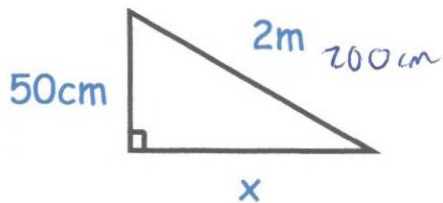


1st September



Corbettmaths

Tick the correct box

 5^0 Greater than 1 Equal to 1 Less than 1 

Find x

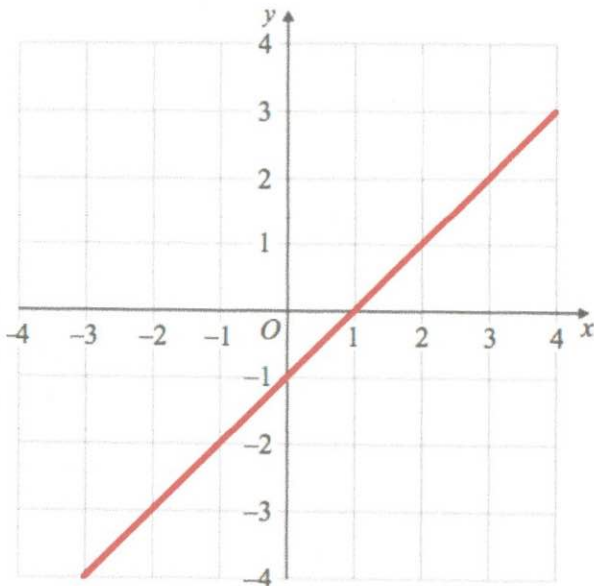
$$a^2 + b^2 = c^2$$

$$50^2 + x^2 = 200^2$$

$$2500 + x^2 = 40000$$

$$x^2 = 37500$$

$$x = 193.65 \text{ cm}$$



Work out the equation of line L

$$y = x - 1$$

A clothes shop normally sells their goods at 80% above cost price.
In a sale, the shop reduces the prices by 25%.

What percentage profit does the shop make on clothes sold in the sale?

$$100 \times 1.8 \times 0.75$$

$$= 135$$

35% profit