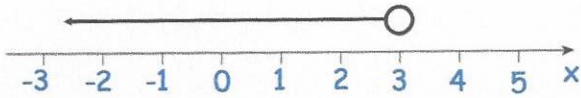


21st December



Corbettmaths

Write down the inequality shown by the diagram.



$$x < 3$$

Find the Lowest Common Multiple (LCM) of $3y$ and $4x$.

$$12xy$$

In a sale the price of a sofa is reduced by 70%.

The sale price is £255

Work out the price before the sale.

$$30\% = 255$$

$$1\% = 8.5$$

$$100\% = 850$$

$$£850$$

Solve the equation

$$\frac{10x - 6}{3} = 2x + 10$$

$$10x - 6 = 6x + 30$$

$$4x - 6 = 30$$

$$4x = 36$$

$$x = 9$$

Below is a right-angled triangle.

(Non-calculator question)

$$\tan x = 0.6$$

AB is 8cm

Find BC

$\angle A$

$$\begin{aligned} BC &= \tan x \times AB \\ &= 0.6 \times 8 \\ &= 4.8 \text{ cm} \end{aligned}$$

