

**15th September**

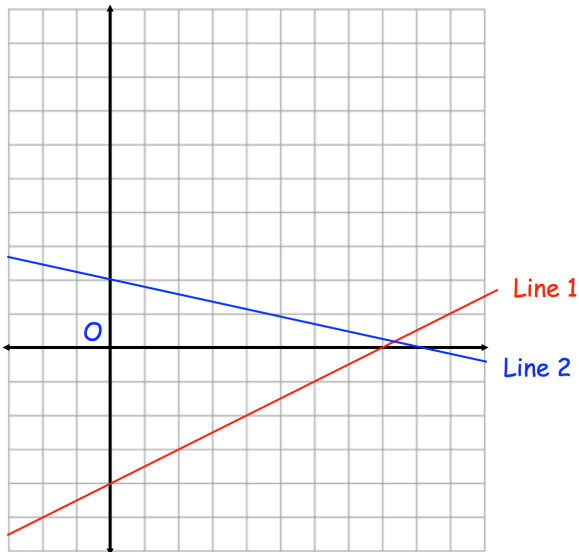
Corbettmaths

Make  $m$  the subject of

$$\frac{3m + 2}{c} = \frac{m + 1}{a}$$

Express  $(8 + \sqrt{5})^2$  in the form  $a + b\sqrt{5}$ Find the value of  $x$ 

$$2^x \times 4^{x+3} = 16$$



Find the equation of Line 2

Are the lines perpendicular?

Line 1 has equation  $y = \frac{3}{2}x - 24$