

27th February



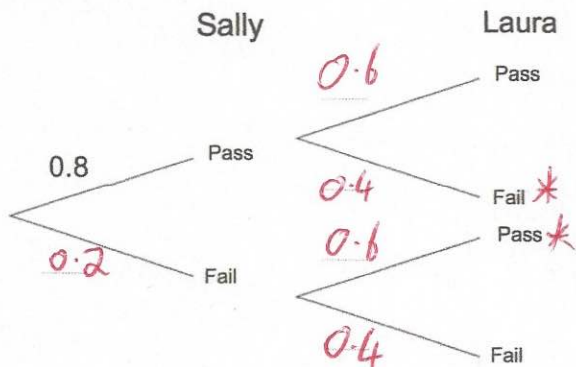
Corbettmaths

Expand and simplify
 $(3p + 2)(2p - 1)$

$$6p^2 - 3p + 4p - 2$$

$$6p^2 + p - 2$$

The probability of Sally passing an exam is 0.8
 The probability of Laura passing an exam is 0.6



Find the probability that only one girl passes.

$$0.8 \times 0.4 = 0.32$$

$$0.2 \times 0.6 = 0.12$$

$$+ \quad \quad \quad$$

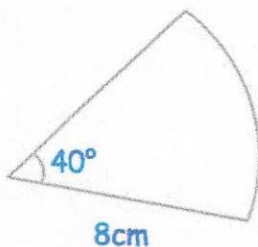
$$0.44$$

Find the volume of a piece of wood that has a mass of 200g and density of 0.65g/cm^3

$$V = \frac{m}{d} = \frac{200}{0.65}$$

$$307.69 \text{g}$$

Find the area of the sector.



$$\frac{1}{9} (\pi \times 8^2)$$

$$= 22.34 \text{cm}^2$$