

29th October

Corbettmaths

Work out an estimate for

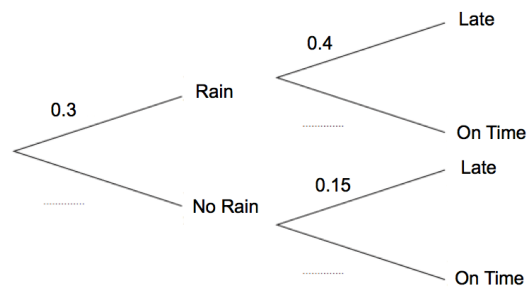
$$\frac{4.086 \times 2.992}{0.192}$$

Factorise $x^2 - 5x - 14$ Factorise $x^2 - 21x + 20$

In a small village, one bus arrives a day. The probability of rain in the village is 0.3.

If it rains, the probability of a bus being late is 0.4.

If it does not rain, the probability of a bus being late is 0.15.



Work out the number of days the bus will be late over a period of 240 days.

A line has gradient 2 and passes through the point (1, 7)

Find the equation of the line.