



Given  $A = 8 \times 10^5$

Work out  $A^2$  and give your answer in standard form.

A line has gradient 3 and passes through the point (1, 5)

Find the equation of the line.

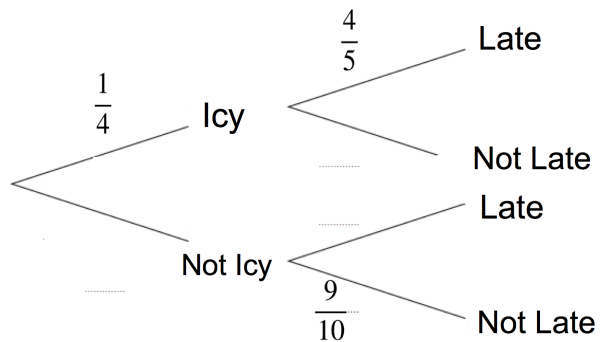
In a small village, one bus arrives each day.

The probability of it being icy is  $\frac{1}{4}$

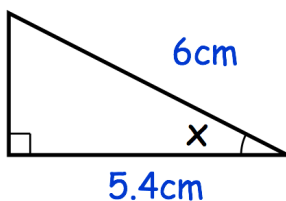
If it is icy, the probability of the bus being late is  $\frac{4}{5}$

If it is not icy, the probability of the bus not being late is  $\frac{9}{10}$

Complete the tree diagram.



Work out how many times the bus should be late over 40 days.



Find x