

28th August

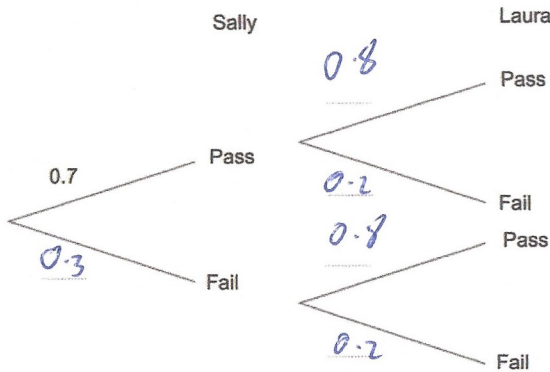


Corbettmaths

There was 50 club members in June and 72 club members in October.

What was the percentage increase?

$$\frac{22}{50} \times 100 = 44\%$$



Complete the tree diagram.

Sally and Laura sit their driving tests.

The probability of Sally passing her driving test is 0.7

The probability of Laura passing is 0.8

Find the probability of both women failing.

$$0.3 \times 0.2 = 0.06$$

The  $n$ th term of a sequence is  $6n - 4$   
 2 8 14 20 26 32 38 44 50 56 62 68

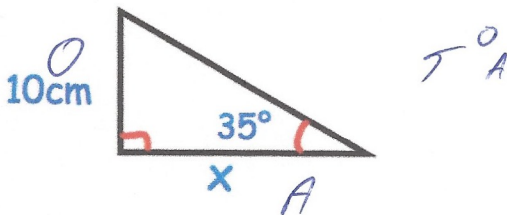
The  $n$ th term of another sequence is  $10n + 2$

12 22 32 42 52 62 72 82  
 92 102 112 122 132 142

Find any number, less than 150, that are in both sequences

74 80 86 92 98 104 110 116 122  
 128 134 140 146

32, 62, 92, 122



Find x

$$A = \frac{O}{\tan \theta}$$

$$x = \frac{10}{\tan 35} = 14.28 \text{ cm}$$