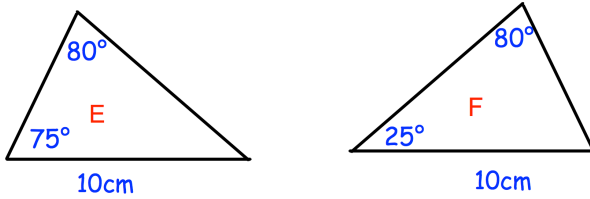


2nd December



Corbettmaths

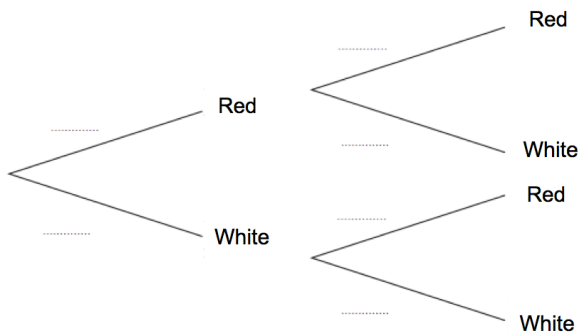
Natalie invests £600 for 2 years at 10% per year compound interest.
How much interest does she earn?



Gillian says that these two triangles are mathematically similar.
Is she correct?

Natalie has 8 socks in a drawer.
5 of the socks are red.
3 of the socks are white.
Natalie takes out a sock at random, writes down the colour and puts it back into the drawer and then takes out a second sock, at random, and writes down the colour.

Complete the probability tree diagram.



Work out the probability that the two socks are the same colour.

Write down the exact value of $\cos 60^\circ$

Write down the exact value of $\cos 180^\circ$