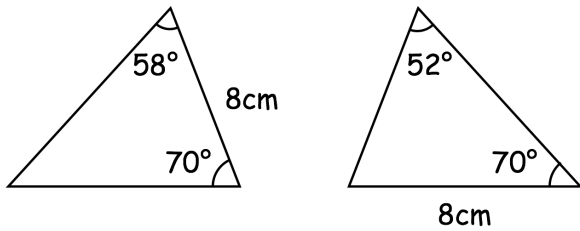


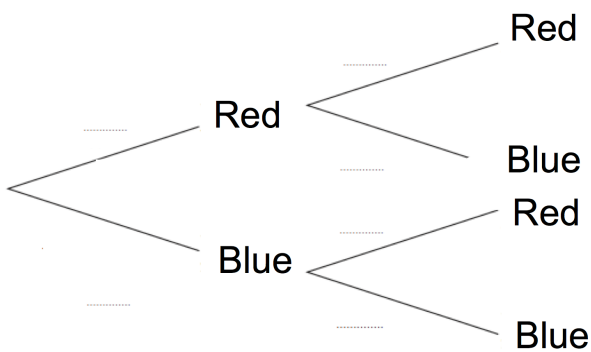


Natalie invests £600 for 2 years at 10% per year compound interest.
How much interest does she earn?



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

Samira has 6 sweets in a bag.
1 of the sweets is red and the rest are blue.
Samira takes out a sweet at random, puts it back into the bag and then takes out a second sweet at random.



Complete the probability tree diagram.

Work out the probability that the two sweets are different colours.

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