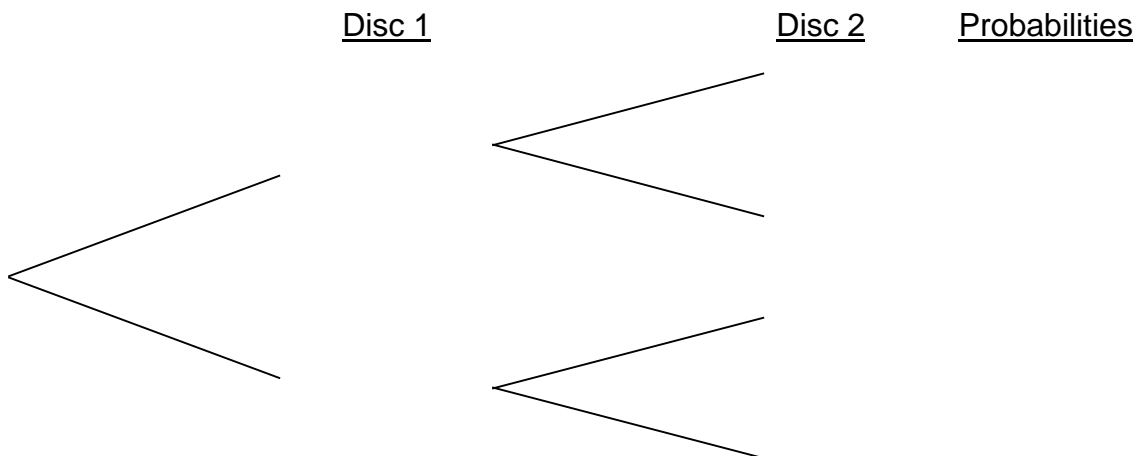


3. There are 6 red and 3 white discs in a bag. A disc is drawn, then replaced and another disc is drawn.



Find the probability that:

- a. Both discs are the same colour b. At least one of the discs was red

4. Melanie is a sixth form student who has 2 classes with homework due on a Tuesday.

The probability that she has her Maths homework is $\frac{2}{5}$

The probability that she has her English homework is $\frac{7}{10}$

Draw a probability tree diagram in the space below.

<u>Maths</u>	<u>English</u>	<u>Probabilities</u>
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Use your diagram to find, P(No homework) and P(only one piece of homework)