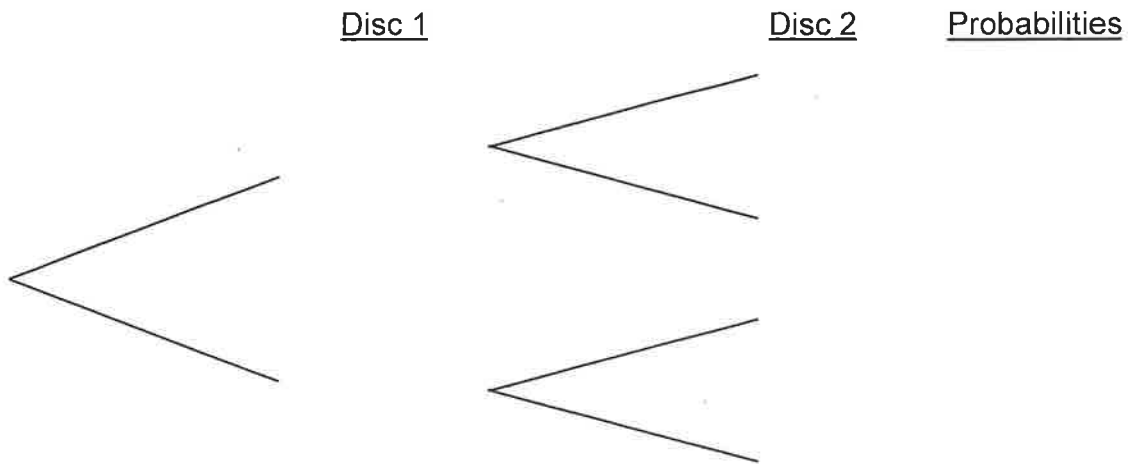


3. There are 6 red and 3 white discs in a bag. A disc is drawn, then replaced and another disc is drawn. **Complete the tree diagram below.**



Find the probability that:

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

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

The probability that she has her Math 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>Math</u>	<u>English</u>	<u>Probabilities</u>

Use your diagram to find,

- a. P(No homework)

- b. P(only one piece of homework)