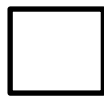
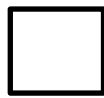


Objective: TBAT calculate the probability of combined events



Met

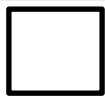


Partially
Met

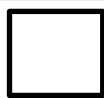


Not Met

Work on the following sections:



Section 1



Section 2



Extension

Section 1

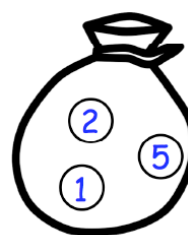
Two bags, 1 and 2, each contain three counters. In bag 1, the counters are labelled 1, 2 and 5. In bag 2, the counters are labelled 2, 3 and 4.

A counter is drawn at random from bag 1 and a counter is drawn from bag 2.

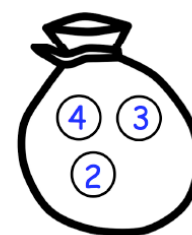
The two numbers are multiplied together to give a score

- Complete the table to show all possible scores
- Find the probability of scoring a 6
- Find the probability of scoring a multiple of 4
- Find the probability of scoring an odd number

Bag 1



Bag 2



Bag 1

x	1	2	5
2			
3			
4			

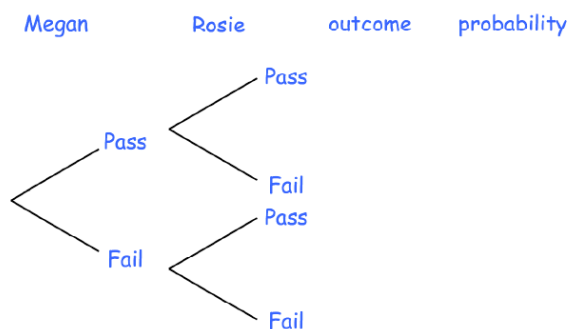
Bag 2

Section 2

Megan and Rosie sit their driving tests.

The probability that Megan passes the test is 0.8
The probability the Rosie fails the test is 0.3

- Copy and complete the tree diagram
- Find the probability that both women pass
- Find the probability that Megan fails and Rosie passes
- Find the probability that at least one woman passes



Extension

A fair coin is flipped 4 times. What is the probability that the coin lands on heads at least twice?