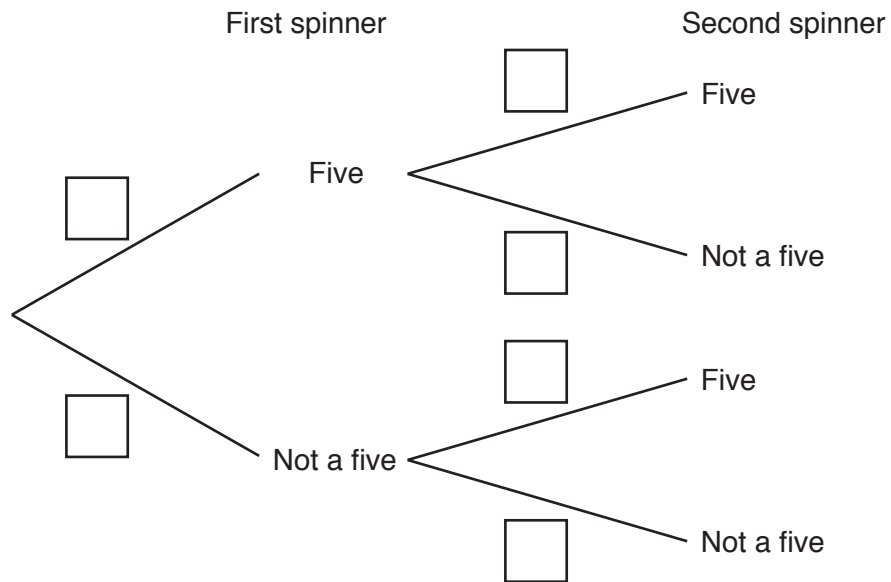


3 Ahmed is playing a game with two unbiased five-sided spinners, each numbered 1 to 5.

He spins the two spinners.

(a) Complete the tree diagram.



[3]

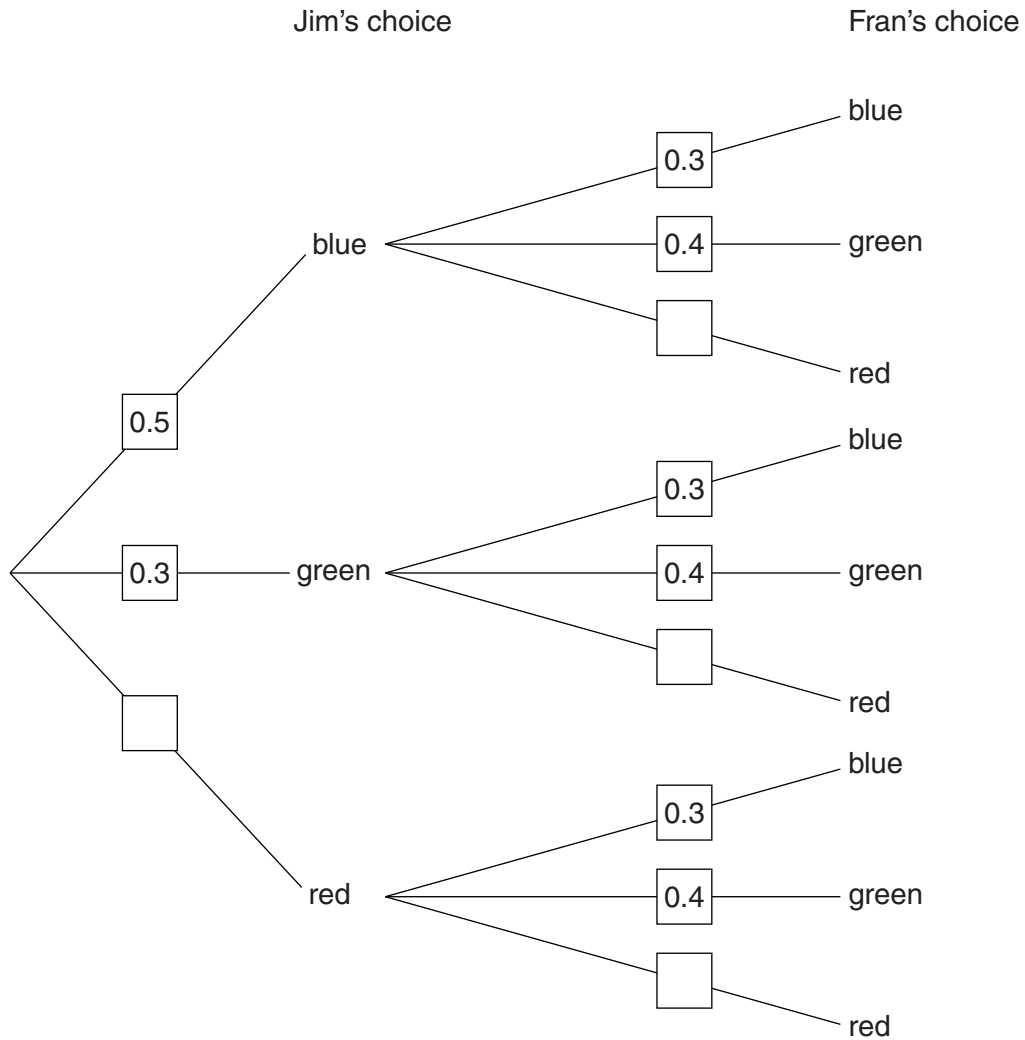
(b) Ahmed needs **exactly one** of the two spinners to show 5 to win the game.

Calculate the probability that Ahmed wins the game.

(b) [3]

- 4 Jim and Fran each have a bag containing different numbers of blue, green and red counters only. Jim chooses a counter at random from his bag and then Fran chooses a counter at random from her bag. The probabilities of randomly choosing blue and green counters are shown in the tree diagram.

(a) Complete the tree diagram.



[2]

(b) Calculate the probability that one of the counters chosen is blue and the other is green.

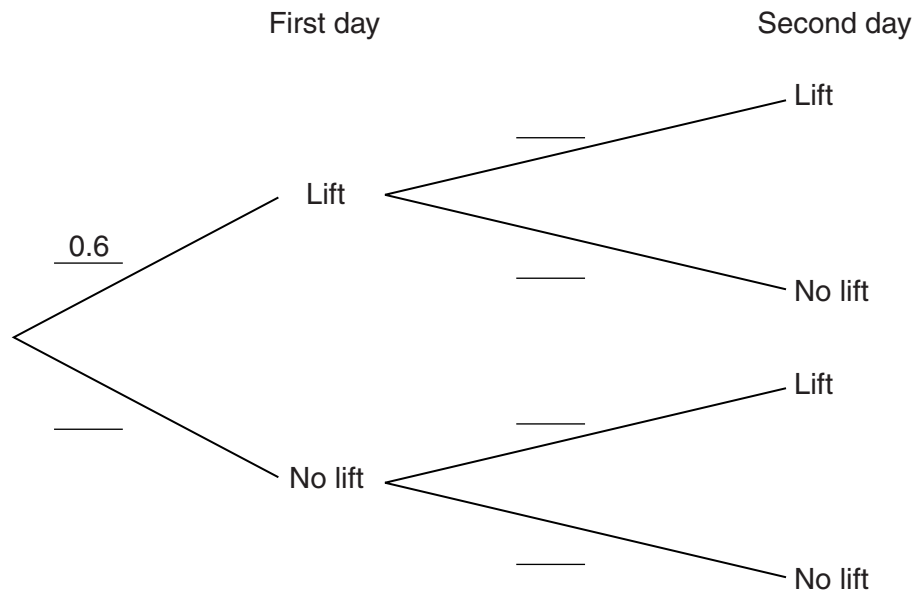
(b) [3]

(c) Calculate the probability that the two counters chosen are **the same colour**.

(c) [3]

5 The probability that Pat gets a lift to school on any day is 0.6.

(a) Complete the tree diagram for two days.



[2]

(b) Work out the probability that Pat gets a lift on just one of the two days.

(b) _____ [3]