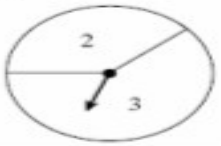
Question 1. (AQA June 2003 Intermediate Paper 1 NO Calculator)

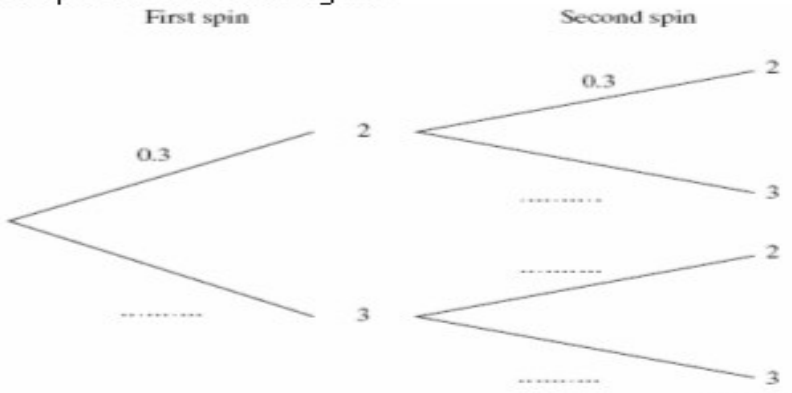
The diagram shows a spinner.

When the arrow is spun the probability of scoring 2 is 0.3

The arrow is spun twice and the scores are added.



(a) Complete the tree diagram



[1 mark]

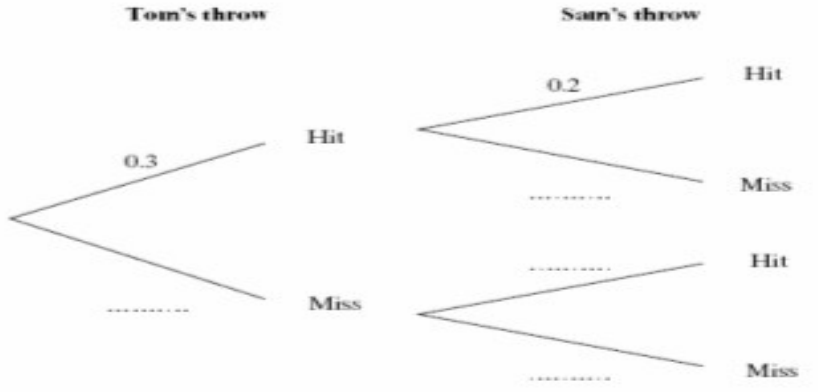
(b) What is the probability that the total score is 4?

[2 marks]

Question 2. (AQA November 2003 Intermediate Paper 1 NO Calculator)

Tom and Sam take turns to throw a dart at a target. The probability that Tom hits the target is 0.3 and the probability that Sam hits the target is 0.2

(a) Complete the tree diagram



[1 mark]

(b) What is the probability that both Tom and Sam hit the target?

[2 marks]