15 Barney has a biased coin.

When the coin is thrown once, the probability that the coin will land heads is 0.3

Barney throws the coin 4 times.

(a) Work out the probability that the coin will land heads exactly 3 times.

(3)

(b) Work out the probability that the coin will land heads at least once.

(2)

(Total for Question 15 is 5 marks)

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