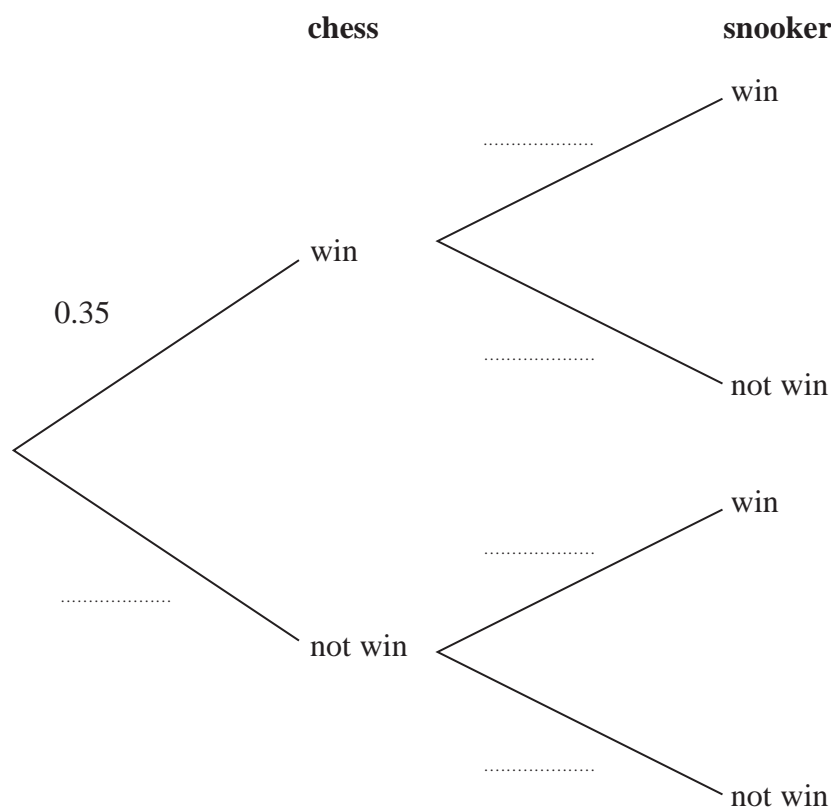**26** Neeta is going to play one game of chess and one game of snooker.

The probability that she will win the game of chess is 0.35
The probability that she will win the game of snooker is 0.48
The two events are independent.

(a) Complete the probability tree diagram.

chess   **snooker**

win

win

0.35

.... win

.... not win

.... win

not win

.... not win

(2)

(b) Find the probability that Neeta will win only one of the games.

(3)

(Total for Question 26 is 5 marks)