



5 Salah decides to attempt the crossword puzzle in his newspaper each day. The probability that he will complete the puzzle on any given day is 0.65, independent of other days.

(a) Find the probability that Salah completes the puzzle for the first time on the 5th day. [1]

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(b) Find the probability that Salah completes the puzzle for the second time on the 5th day. [2]

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(c) Find the probability that Salah completes the puzzle fewer than 5 times in a week (7 days). [3]

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- [illegible]

