

- (i) Draw a fully labelled tree diagram to illustrate this situation. [3]

(ii) Draw up the probability distribution table for the number of toffees taken. [3]

This image shows a full page of white paper with horizontal dashed lines, typical of primary school writing paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

(iii) Find the mean number of toffees taken. [1]

[1]

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(iv) Find the probability that the first sweet taken is a chocolate, given that the second sweet taken is a toffee. [4]

[4]

[illegible]