

- (a) Find the expected value of X . [1]

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- This image shows a full page of white paper with ten horizontal dashed lines, typical of primary school handwriting practice paper. The lines are evenly spaced and extend across the entire width of the page. There is no text or other markings on the paper.

(d) Use an approximation to find the probability that a pair of tails is obtained more than 25 times. [5]

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