

- (a) Draw up the probability distribution table for X . [3]

This image shows a single sheet of white paper with ten evenly spaced horizontal dotted lines. The lines are black and extend across the full width of the page, providing a guide for handwriting practice. There is no text or other markings on the paper.

- (b) Find $E(X)$ and $\text{Var}(X)$. [3]

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