

- The random variable X is the total number of points that Anil scores in his first 3 games in the tournament.

This image shows a full page of white paper with ten horizontal dashed lines, evenly spaced from top to bottom. The lines are thin and black, typical of handwriting practice paper. There are no margins, text, or other markings on the page.

- | | | | | | | | |
|------------|---|---|-------|-------|-------|---|-------|
| x | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| $P(X = x)$ | | | 0.114 | 0.207 | 0.285 | | 0.125 |

This image shows a blank sheet 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.

[illegible]

(c) Find the value of $\text{Var}(X)$.

[3]

This image shows a full page of a handwriting practice worksheet. It consists of multiple sets of three horizontal dashed lines, providing a guide for letter height and placement. The lines are evenly spaced across the entire page, leaving ample room for writing practice. There is no text or other markings on the page.