

## Section 2: Probability distributions

### Crucial points

- 1. Always check that the probabilities add up to 1**  
If they don't, you have made a mistake in your calculations, or there are other possible outcomes which you have not included.
- 2. Illustrate the data using a vertical line chart**  
A vertical line chart is more appropriate than a bar chart for discrete data like this.
- 3. Use tables to list results where appropriate**  
This ensures you include all possible outcomes.