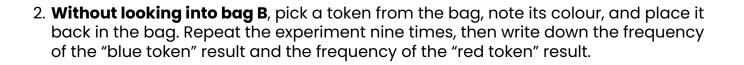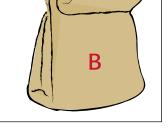# Appendix 6.1

Theoretical Probability and Experimental Probability

1. **By looking at the contents of bag A**, determine the likelihood of drawing a blue token and the likelihood of drawing a red token. Express each likelihood using a fraction and percents.

2. **Without looking into bag B**, pick a token from the bag, note its colour, and place it back in the bag. Repeat the experiment nine times, then write down the frequency of the "blue token" result and the frequency of the "red token" result.

3. **Without looking into bag B**, how could we assess the likelihood of drawing a blue token and drawing a red token?

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