

## 7.9: Distribution of Sample Proportions (6 of 6)

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### Learning Objectives

- $$\begin{array}{l} \text{standard error} = \sqrt{\frac{p(1-p)}{n}} \\ Z = \frac{\text{statistic} - \text{parameter}}{\text{standard error}} = \frac{\hat{p} - p}{\sqrt{\frac{p(1-p)}{n}}} \end{array}$$

$$Z = \frac{\hat{p} - p}{\sqrt{\frac{p(1-p)}{n}}}$$

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