

Enduring Understandings

Probability is the mathematics of chance.

Sampling affects the relationship between experimental and theoretical probability.

Essential Questions

Why is probability used?

How are experimental and theoretical probability related?

Indicators

5.6.1.1 find the number of possible outcomes of experiments.

5.6.2.1 find the probability of events.

5.6.2.2 use data to estimate the probability of future events.

5.6.2.3 represent probabilities as ratios, decimals between 0 and 1, and percentages between 0 and 100.

5.6.3.1 predict the probability of an event based on the outcomes of an actual event or experiment and compare the results to the theoretical probability of the event.