Learning Targets

Conditional Probability

Lesson 1: Up to Chance

- I can find or estimate probability using a model or data from a chance experiment.

- I can identify chance experiments.

Lesson 2: Playing with Probability

- I can find the sample space for chance experiments.

- I can model situations using probability.

- I can use sample space to calculate probability.

Lesson 3: Sample Spaces

- I can create organized lists, tables, and tree diagrams and use them to calculate probabilities.

Lesson 4: Tables of Relative Frequencies

- I can use information in a two-way table to find relative frequencies and to estimate probability.

Lesson 5: Combining Events

- I can use tables and Venn diagrams to represent sample spaces and to find probabilities.

Lesson 6: The Addition Rule

- I can use the addition rule to find probabilities.

Lesson 7: Related Events

- I can estimate probabilities, including conditional probabilities, from two-way tables.

Lesson 8: Conditional Probability

- I can estimate probabilities, including conditional probabilities, from two-way tables.

Lesson 9: Using Tables for Conditional Probability

- I can estimate probabilities, including conditional probabilities, from two-way tables.

- I can use probabilities and conditional probabilities to decide if events are independent.

Lesson 10: Using Probability to Determine Whether Events Are Independent

- I can collect data and use it to estimate probabilities.

- I can use probabilities to decide if events are independent.