

Expectation

5.1 The student will calculate experimental and theoretical probability

Essential Questions

How are probabilities computed?

Why is the computation of probabilities useful?

Enduring Understanding

Probability is used to make inferences and predictions.

Indicators

- 5.1.B.1 apply counting principles to determine the total number of outcomes for an event.
- 5.1.B.2 calculate the theoretical probability of an event.
- 5.1.B.3 determine the experimental probability of an event.
- 5.1.B.4 determine the conditional probability of an event.
- 5.1.B.5 define independent and dependent events.
- 5.1.B.6 determine probabilities for compound events.