

## Chapter 10 Probability Vocabulary List

### 10.1

Probability experiment

Outcome

Event

Sample space

Probability of an event

Theoretical probability

Geometric probability

Experimental probability

Tree diagram

### 10.2

Independent events

Dependent events

Conditional probability

Probability

### 10.3

Two-way table

Joint frequency

Marginal frequency

Joint-relative frequency

Marginal relative frequency

Conditional relative frequency

### 10.4

Compound event

Overlapping events

Disjoint/mutually exclusive events

Venn Diagram

10.5

Permutation

$n$  factorial

combination

Binomial Theorem

Fundamental Counting Principle

Pascal's Triangle

10.6

Random variable

Probability distribution

Binomial distribution

Binomial experiment

histogram