

**Statistics 1:
Elementary Statistics
Section 4-6**

Probability

- **Chapter 3**
 - **Section 2: Fundamentals**
 - **Section 3: Addition Rule**
 - **Section 4: Multiplication Rule #1**
 - **Section 5: Multiplication Rule #2**
 - **Section 6: Simulating Probabilities**
 - **Section 7: Counting**

Simulating Probabilities

- **Simulation is a powerful and flexible tool**
- **Sometimes it is the only way a problem can be solved**

Simulating Probabilities

- Use a computer or calculator to “mimic” a process that has partially random behavior.

Simulating Probabilities

- Simple example in class.
