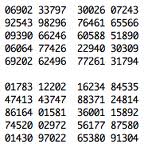
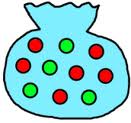
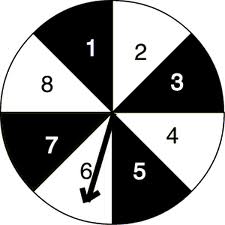
**SIMULATIONS**

The imitation of chance behavior

1. **State:** 
   * The problem
   * The possible outcomes
   * Probabilities
2. **Plan:**
   * What random model will you use?
   * What does each outcome on the model represent in context of the problem?
   * What will you measure?
   * What exactly are you going to do?
   * Repeat how many times?

**\*\*\*Be clear enough so the reader could run your exact simulation from reading only your written explanation.**

1. **Do:**
   * Perform repetitions of the simulation
   * Show what you got
2. **Conclude:**
   * Analyze your results
   * Estimate your probability
   * Answer the original question in context