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| Chapter 11 (Pages 285 – 300)  Vocabulary: random, generating random numbers, simulation, simulation component, trial, response variable, statistical significance, unbiased, random number tables, pseudorandom numbers |
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| CHAPTER 11 OBJECTIVES: |
| Recognize random outcomes in a real-world situation. |
| * Know when to use a simulation to usefully model random behavior in the real world. |
| * Generate random numbers. |
| * Choose a random sample. |
| * Randomly assign subjects to experimental treatments. |
| * Simulate real-world outcomes. |
| * Describe a randomization process or a simulation explicitly so that others can understand your plan and repeat the process. |
| * Discuss results of a simulation study and draw conclusions about the question being investigated |

**MONDAY, 2.24.25**

**Discuss the previously assigned problems:** Pages 302 and 303 (#12 – 15, 18, 20, 21).

**Chapter 11 Vocabulary Test** (You may use your notes.)

**Class Work/Homework:**

* Page 304 (#24). Use the simulation components that we will discuss in class and complete 10 trials.
* Study for a **C. 11 Quiz** (*Simulation Concepts)* to be taken on Wednesday. You may **Not** use your notes.

**WEDNESDAY, 2.26.25**

**Discuss the previously assigned work: #24 on page 304**.

**C. 11 Quiz** (*Simulation Concepts)*. You may **Not** use your notes.

**Class Work/Homework:**

Page 305 (#40, 42, 43).

**FRIDAY, 2.28.25 B-DAY, NO CLASS**

**MONDAY, 3.3.25**

**Discuss the previously assigned problems:** Page 305 (#40, 42, 43).

**Class Work/Homework:** *Simulation Practice* (Handout)