Math 234 Preview Exercises

Sections 9.1 and 9.2

Read Sections 9.1 and 9.2 in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. What is the definition of **random** in our textbook?

2. What is a **sample space**? What is an **event**?

3. How is the equally likely probability formula used in Example 9.1.1?

4. What is the **multiplication rule**?

5. What is a **permutation**?

6. What is an *r*-permutation? What does P(n, r) mean in this context?