

Math 262 Reading Guide

Sections 1.1 and 1.2

NAME

From the textbook, read Sections 1.1 and 1.2 (at least through page 10) and answer the following questions.
Hand in this worksheet at the beginning of the next class.

1. In this course, what does an **experiment** refer to?
2. How many outcomes are in the sample space of the experiment described in Example 1.2?
3. What is the definition of an **event**?
4. In Example 1.8, explain why $(A \cup C)' = \{6\}$.
5. What does it mean if two sets are **disjoint**?
6. What are the three axioms of probability? State them here:

Axiom 1:

Axiom 2:

Axiom 3: