Math 234 Preview Exercises

NAME

Read Section 9.3 in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. What is the **addition rule** for counting?

2. What is the **difference rule** for counting?

3. Which rules for counting and probability are used in Example 9.3.3?

4. What is the **inclusion/exclusion rule**?

5. How is the inclusion/exclusion rule used in Example 9.3.4?

6. Why is a Venn diagram helpful in Example 9.3.5?