

Math 234 Preview Exercises

Section 3.1

_____ NAME

Read Section 3.1 in the textbook and answer the following questions. *Hand in this worksheet at the next class.*

1. What is a *predicate*?
2. What is the *domain* of a predicate?
3. What is the *truth set* of a predicate?
4. What symbol is called the *universal quantifier*? What does it mean?
5. What symbol is the *existential quantifier*? What does it mean?
6. What is the statement form of the *universal conditional statement*?