

University of South Carolina
Math 574: Discrete Mathematics I
Section 001
Summer I 2012

Homework Set 3

Pre-Class Homework Due: 5-30

Post-Class Homework Due: 6-6

Section 3.2 - Predicates and Quantified Statements II

Before Class

- Read pages 108–111 (through Example 3.2.3).
- Write the negation of each of the following statements.
 1. Every branch of math is boring.
 2. Some branches of math are boring.

After Class

- # 2, 3, 5, 10, 15, 19, 25
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Section 3.4 - Arguments with Quantified Statements

Before Class

- Read pages 132–135 (through Example 3.4.4).
- #2, 6

After Class

- # 11, 13, 14, 22, 24, 26