

# Math 206, Fall 2024 — Homework 7

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Due November 1 at 5:00 pm

**Instructions.** This problem set contains problems from Week 8 of class. The problem numbers refer to our textbook, *Reading, Writing, and Proving* by Ulrich Daepf and Pam Gorkin.

**Problem 1.** Do the following textbook problems: 12.13abc (use Problem 12.8 to do part a), 12.16, 12.20bc (try proofs by contradiction), 13.5, 13.12 (use Problem 12.20), 14.3 abeg (no justification needed if something is a function), 14.17, 14.20