Homework 2

Introduction to Mathematical Proof, MTH 301, Fall 25
Instructor: Abhijit Champanerkar

Points: 50   **Due:** Thursday Sept 18th, 2025

Reading: Its really important in this class that you read the book carefully, working through the Explorations and GYHD's as you go.

1. Section 1.3 & 2.1 from the text book.

2. Page 34: Proof for understanding: String cutting.

3. Background on Sets.

Homework Problems (from text book):

Page 37-38: # 3,4,5,6,8
Section 2.1, Page 53: # 2ac, 6abc, 8abcdgj

Handin Problems: These problems are to be handed in via Brightspace. Please write up clear solutions to the following problems, make a clear scan to pdf file and upload pdf to Brightspace.

Page 37-38: 3de, 4ab, 5ab
Section 2.1, Page 53: # 8ab