

Homework 1

Geometry, MTH 329 Spring 2026

Instructor: Abhijit Champanerkar

Due: Monday Feb 9th ¹ ²

Reading

1. Chapter 1 and 2.
2. Sections 3.1 and 3.2.
3. See YouTube channel MathWorksWorks and the playlist on Euclid's Book 1 (link on class homepage) for short videos of Euclid's Propositions. Please watch out for mistakes.

Problems

1. Page 6: 1.3.1
2. Page 31: 3.1.1, 3.1.7, 3.1.8, 3.1.10
3. Page 40: 3.2.6, 3.2.8, 3.2.10

Hand-in: Problems 1.3.1, 3.1.8, 3.1.10, 3.2.6, 3.2.10

¹Please upload pdf scan on Brightspace

²All section, chapter, page and example numbers refer to the book "Geometry: The Line and the circle" by Carroll and Rykken.