

Homework 1

Math 230

due 4:00pm on Friday, August 28

Write your solutions to the following problems clearly and neatly. Make sure to explain your reasoning and provide mathematical details that support your answers. For a few tips on writing solutions, see [this helpful guide for mathematical writing](#).

You may write or type your solutions electronically, or write them on paper and scan or photograph them. Upload a single file containing your solutions to the [Homework 1](#) assignment on Moodle.

Book Problems

- Section 1.1 #3, 5, 17 (pages 14–19)
- Section 1.2 #1, 3, 5, 8, 15, 17, 25, 28, (pages 33–34)
- Section 1.3 #1, 3, 8, 11 (pages 47–49)

Note: You do not need to use `HPGSolver` to plot slope fields. You may use your favorite technology instead.