

This homework is due on Thursday, 8/16, in class, by 6:00 pm.

Homework 4

Note: You do not need to construct direction fields or solutions curves for the systems in sections 5.1 and 5.2.

Exercise 1 Solve problems 2, 6 and 8, section 4.1.

Exercise 2 Solve problems 4, 8, 10, 16, section 4.2.

Exercise 3 Solve problems 23 and 24, section 4.2.

Exercise 4 Solve problems 26 and 28, section 4.2.

Exercise 5 Solve problems 12, 14 and 18, section 5.1.

Exercise 6 Solve problems 2, 6 and 10, section 5.2.

Exercise 7 Solve problems 18, 20 and 24, section 5.2.

Exercise 8 Solve problems 17 to 28, section 5.3. You don't need to draw the direction fields.

Exercise 9 Solve problems 2, 8, and 14, section 5.5.

Exercise 10 Problems 24, 26, 30, section 5.5.

Exercise 11 Problems 2, 4 and 8, section 5.6.

Exercise 12 Problems 10, 16, 20, section 5.6.

Exercise 13 Problems 22, 24, section 5.6.

Exercise 14 Solve problems 26 and 28, section 5.6

Exercise 15 Solve problems 1 through 8, section 6.1.

Exercise 16 Solve problems 2, 12, 16, section 6.2.

Exercise 17 Solve problems 33 through 36, section 6.2.

Exercise 18 Solve problems 14 through 17, section 6.3.