

Work the following problems and hand in your solutions. You may work together with other people in the class, but you must each write up your solutions independently. A subset of these will be selected for grading. Write LEGIBLY on the FRONT side of the page only, and STAPLE your pages together.

1. Lecture notes PROBLEM 3.5 (on p. 76).
2. Lecture notes EXERCISE 3.41 (on p. 87).
3. Lecture notes PROBLEM 3.15 (on p. 91).
4. Lecture notes PROBLEM 3.17 (on p. 91).