

PROBLEM SET #1
Due Friday 18th September 9am

READING: Young and Freedman Chapter 2 §§1-5.

FORMAT: Please read the instructions on the web page concerning the required format for problem sets.

GENERAL ADVICE: There are two parts to doing a problem – doing the work *and* communicating what you've done to your audience (in the present case to the grader). Most readers find it helpful if you solve a problem (or carry it as far as you can) algebraically before you put in the particular numbers relevant to the problem. It's much easier to follow the logic of an algebraic solution (and not by coincidence, this also helps when you're checking your work).

- 1-1) Young and Freedman, exercise 2.10, page 62.
- 1-2) Young and Freedman, exercise 2.29, page 64.
- 1-3) Young and Freedman, exercise 2.31, page 65.
- 1-4) Young and Freedman, exercise 2.32, page 65.
- 1-5) Young and Freedman, exercise 2.72, page 68.
- 1-6) Young and Freedman, exercise 2.76, page 69.
- 1-7) Young and Freedman, exercise 2.92, page 70.
- 1-8) Young and Freedman, exercise 2.94, page 70.