

Fall, 2011

MATH 3500(H)
PROBLEM SET #3

T. Shifrin

DUE Wednesday, September 7, 2011.

Problems to work but not hand in:

§1.4: #32, 35.

§1.5: #5a, 6a, 7a, 8, 12, 15.

§2.1: #1b,e, 5a.

Problems to turn in:

WeBWork Homework 3 (due Sunday night at 11 pm, this weekend only)

§1.4: #22 (3), 33 (2), 34 (4), 36 (4).

§1.5: #10 (3), 13 (3), 18* (3).

§2.1: #3 (3), 4 (3).

Challenge problems (Turn in separately):

§1.5: #17[†] (5), 19 (4), 20 (2).

*For (b), use volume = base \times height.

[†]Further hint for (a): Since we're treating \mathbf{u} as the tail of our vectors, don't forget to be consistent.