

UH - Math 4377 - Dr. Heier - Spring 2010
HW 3 – due 02/11 at the beginning of class

1. Section 1.4, Problems 2(d), 2(e), and 2(f).
2. Section 1.4, Problems 3(e), and 3(f).
3. Which vectors (a, b, c) are in $\text{span}(\{(2, 1, 4), (1, 0, 1), (3, 1, 5)\})$?
4. Section 1.4, Problem 12.
5. Section 1.5, Problem 1. (Just say true or false, no further explanation necessary.)
6. Section 1.5, Problem 3.
7. Section 1.6, Problems 2(c), 2(d), and 2(e).
8. **(extra credit)** Section 1.5, Problem 18.