

MATH 128 HOMEWORK
SPRING 2009
STAN VERNOOY

The homework problems are listed below in order by the chapter and section numbers, which is not necessarily the order in which the sections will be covered in class.

NOTE: Homework on use of the calculator and on Conic Sections will be on a separate handout

Even-numbered problems are marked with an asterisk, and the answers are at the end of this handout.

Section A.3, pp. A28 - A29 (in the back of the book):
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Section A.5, p. A41:
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ANSWERS TO EVEN-NUMBERED PROBLEMS:

1.1 #78: $\frac{-1}{(x+h+3)(x+3)}$

1.2 #4: $f(5) = -3$

4.1 #2: $4 - 18x^2$

4.4 #50: 0.536

5.2 #16: $\sin \theta = \frac{3}{4}, \cos \theta = \frac{\sqrt{7}}{4}, \tan \theta = \frac{3}{\sqrt{7}}, \sec \theta = \frac{4}{\sqrt{7}}, \csc \theta = \frac{4}{3}, \cot \theta = \frac{\sqrt{7}}{3}$