

NAME: \_\_\_\_\_

HOMEWORK FOR WORKSHEET 8

MATH 1300

DUE March 7, 2008

Find all intervals on which each of the following functions is increasing, decreasing, or constant.

1.  $f(x) = x^3 - 4x$

2.  $f(x) = |x - 1| + |x| + |x + 2|$