

WRITE YOUR NAME:

MAC 2233 Homework 4

Due in class, Friday February 23rd

You can use more paper if necessary, but please STAPLE

Question 1. Let $f(x) = \frac{x^2}{x-2}$. Find the intervals where $f(x)$ is increasing, decreasing, concave up, and concave down.

Use this information to draw a reasonable graph of the function f on the interval $-10 \leq x \leq 10$.