

WRITE YOUR NAME:

MAC 2311 Homework 5

Due in class, Friday March 24th

You can use more paper if necessary, but please STAPLE

Question 1. A 10 foot ladder is leaning against a wall. The bottom of the ladder is being pushed toward the wall at a rate of 1 foot per second. If θ is the angle that the ladder makes with the ground, how fast is θ increasing at the moment when the bottom of the ladder is 6 feet from the wall?