Quiz 7; Wednesday, March 9
MATH 53 with Professor Stankova
Section 109; 11-12
GSI: Eric Hallman

Student name:

You have 10 minutes to complete the quiz. Calculators are not permitted, and remember to show your calculations and explain your reasoning in order to receive full credit.

1. A goat is running around in a circle, and as a function of time its position is given by $\langle x, y \rangle = \langle 2 + \cos t, \sin t \rangle$. If R is the goat's distance from the origin, use the Chain Rule to find dR/dt.