

Score: _____ out of 10.

Math 201 - Quiz #5

Name: _____

Solve ONE of the following problems. Please put an X through the problem you do not want graded.

1. Two cars start moving from the same point. One travels south at 60 mi/h and the other travels west at 25 mi/h. At what rate is the distance between the cars increasing two hours later.

2. A kite 100 ft above the ground moves horizontally at a speed of 8ft/s. At what rate is the angle between the string and the horizontal decreasing when 200 ft of string has been let out?