

Name: _____

Section: _____

Math 120AB

Quiz 1

January 15, 2003

Show all work for full credit.

1. (5 points) Find the point on the line $y = -3x + 5$ which is closest to the origin.

2. (5 points) A duck is moving across a park in an easterly direction, from a point 30 meters east and 20 meters north of the western-most edge of the pond. The pond is circular with a radius of 50 meters. How far does the duck travel across the pond?