$\qquad$ Section: $\qquad$

## Math 120A

## Quiz 2

## October 10, 2002

Show all work for full credit (do not merely read a solution from a graph on your calculator, for instance).

1. (5 points) Moose and Squirrel are sleeping in a park. In the center of the park is a statue of a chicken. Squirrel is 20 meters north and 25 meters west of the statue. Moose is 7 meters south and 4 meters east of Squirrel. How far is Moose from the statue?
2. (5 points) In a park there is a circular pond with radius 2 meters. A duck starts walking in a straight line from a point 10 meters north and 3 meters east of the center of the pond. The duck heads directly toward a point 16 meters south and 8 meters west of its starting point. Where will the duck reach the pond?
