Math 120A   Quiz 1   April 8, 2004

Show all work for full credit.

1. (5 points) What point on the line $y = -3x + 8$ is closest to the origin?

2. (5 points) The population of Springfield was 10,500 in 1990. It was 13,000 in 2003. Assuming the population is growing according to a linear model, find the population of Springfield in the year 2014.