Math 206 - Quiz 6

Name _____

March 10, 2010

Score _____

Show all work. Supply explanations when necessary.

1. (1 point) Scores on a chemistry test are normally distributed with mean 65 and standard deviation 12. What percent of scores are below 50?

2. (2 points) Suppose the test scores of 600 students are normally distributed with mean 76 and standard deviation 8. About how many students scored between 70 and 82?

3. (2 points) Heights of college students are normally distributed with mean 175 cm and standard deviation 6 cm. In a sample of 1500 college students, about how many are shorter than 164 cm?