Normal Distribution Practice 1

1) The test scores for chapter 1 test are normally distributed with a mean of 65 and a standard deviation of 7.

    A) What percent of the people taking the test scores between 51 and 79?

    B) What percent of the people taking the test scores higher than a 72?

    C) What percent of the people taking the test make higher than an 86 and lower than a 51?

2) The test scores for chapter 2 test are normally distributed with a mean of 60 and a standard deviation of 9.

    A) What percent of the people taking the test scores between 33 and 87?

    B) What percent of the people taking the test scores at least a 69?

    C) What percent of the people taking the test scores lower than a 60?

3) The test scores for chapter 3 test are normally distributed with a mean of 60 and a standard deviation of 5.5

    A) What percent of the people taking the test scores between 65.5 and 71?

    B) What percent of the people taking the test make higher than 71 and lower than a 49?

    C) What percent of the people taking the test scores lower than 65.5?

4) The test scores for chapter 4 test are normally distributed with a mean of 70.3 and a standard deviation of 7.2

    A) What percent of the people taking the test scores between 48.7 and 91.9?

    B) What percent of the people taking the test scores higher than 63.1?

    C) What percent of the people taking the test scores lower than 63.1?

5) Without using your notes, draw the normal distribution curve and write down the percentages for each standard deviation.