Progress Check – Normal Distributions   (J3-J5)   Name _____
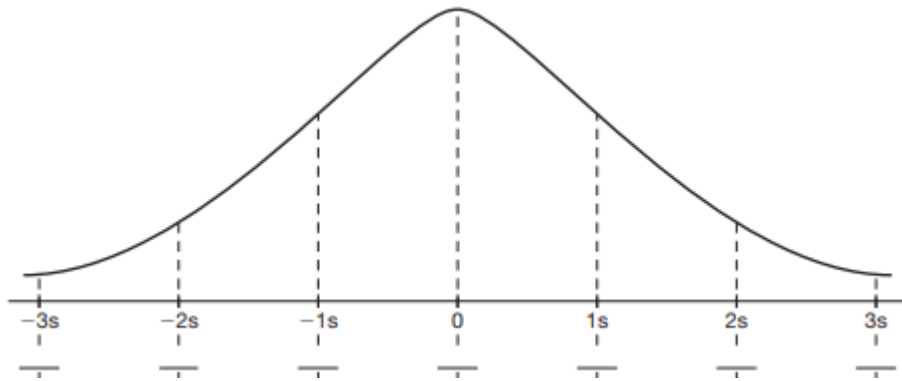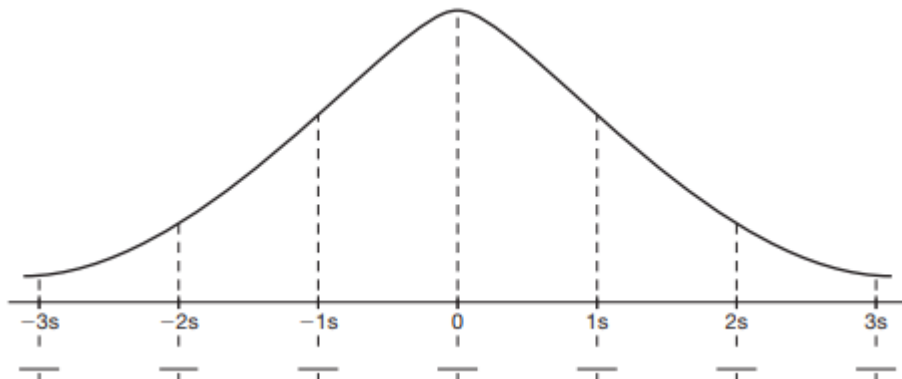
A standard normal distribution curve for IQ scores is shown below. The mean IQ score is 100 and the standard deviation is 15.

1) In the blanks provided on the graph above, label each standard deviation unit with its corresponding IQ score.

2) What percent of people have an IQ less than 100?

3) What percent of people have an IQ greater than 85?

4) What percent of people have an IQ between 70 and 115?

5) Shade the region that represents the data within one standard deviation of the mean.