

Assignment 3. Normal Curve. Due October 4 at 3PM

1. Given a normal curve with a mean of 20 and a standard deviation of 5, find the two values of X that include the middle 70% of the distribution.

2. Given a normal curve with a mean of 30 and a standard deviation of 3, find the percentage of scores below 25.

3. Given a normal curve with a mean of 50 and a standard deviation of 6, find the percentage of scores between 38 and 59.

4. Given a normal curve with a mean of 100 and a standard deviation of 20, find the X value such that only 10% of the cases are below it.

5. Given a normal curve with a mean of 80 and a standard deviation of 10, find the percentage of scores between 85 and 105.