

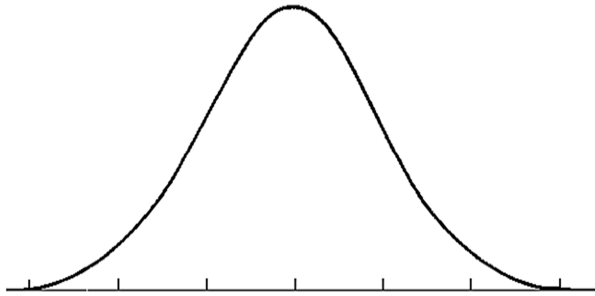
Date _____

Name _____

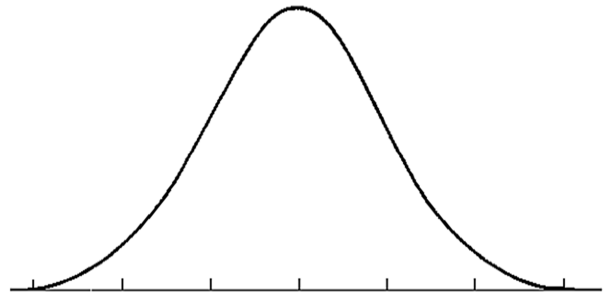
Normal Distribution

For each question below, shade the appropriate area under the curve and calculate the total percent of the population in that area.

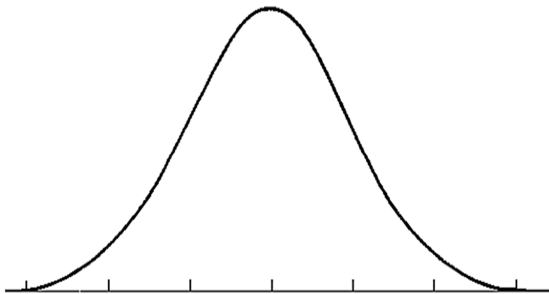
1. Scores between -1 and 2 standard deviations of the mean.



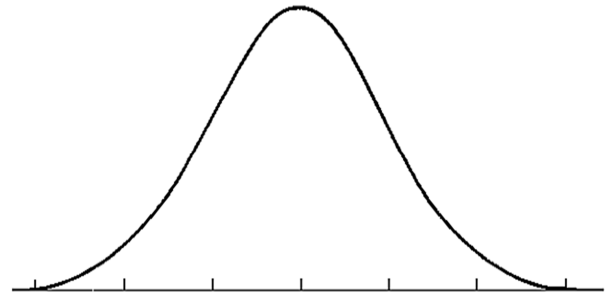
4. Scores between -2 and 2 standard deviations of the mean.



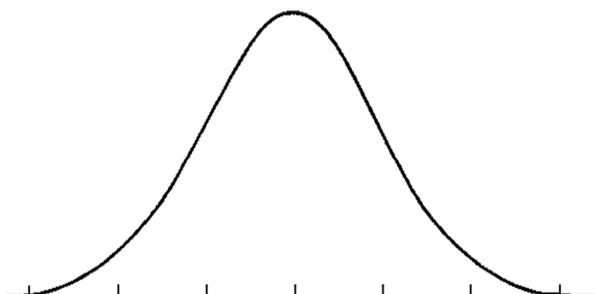
2. Scores between 0 and 3 standard deviations of the mean.



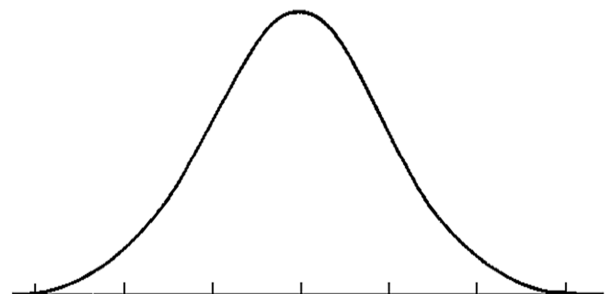
5. Scores between -2 and -1 standard deviations of the mean.



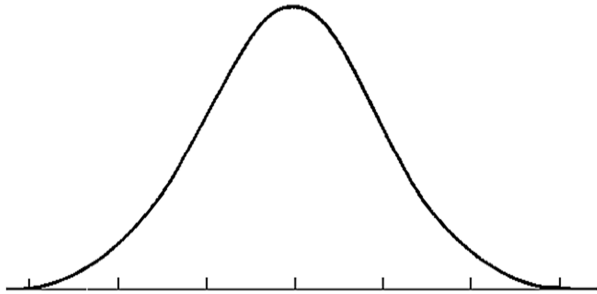
3. Scores between -3 and 1 standard deviations of the mean.



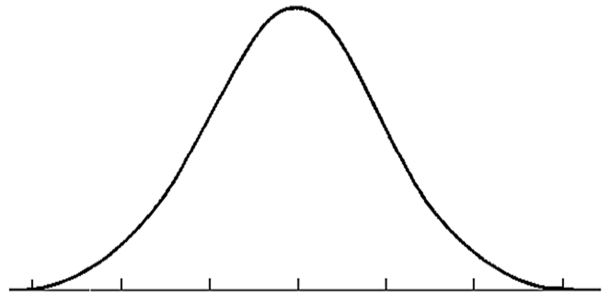
6. Scores between -2 and 3 standard deviations of the mean.



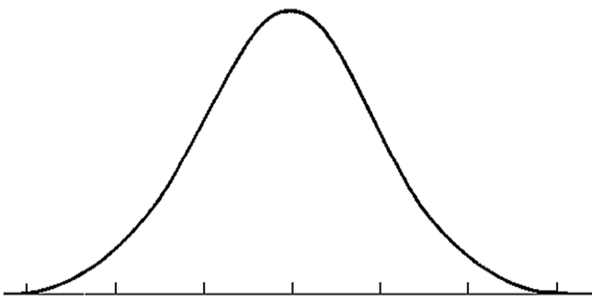
7. Given a mean of 7.5 and a standard deviation of 1.2: scores between 6.3 and 7.5.



9. Given a mean of 87 and a standard deviation of 5.8, scores between 92.8 and 104.4.



8. Given a mean of 7.5 and a standard deviation of 1.2, scores between 5.1 and 8.7.



10. Given a mean of 87 and a standard deviation of 5.8, scores between 81.2 and 98.6.

