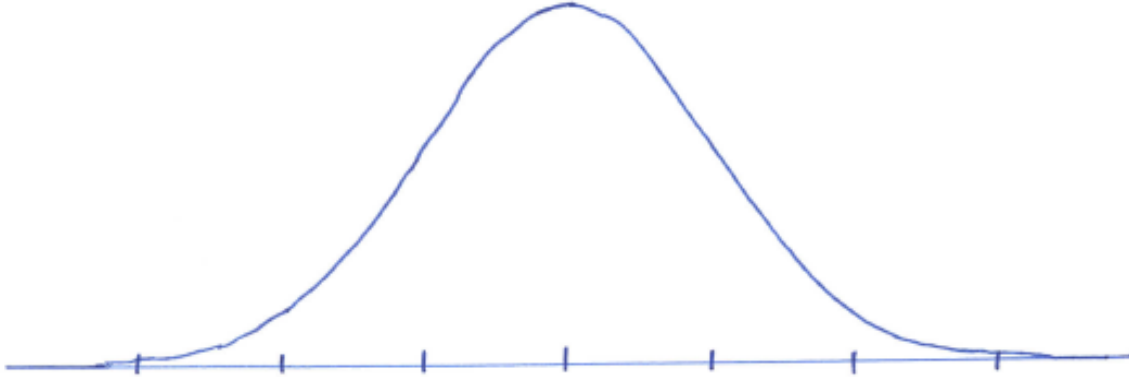
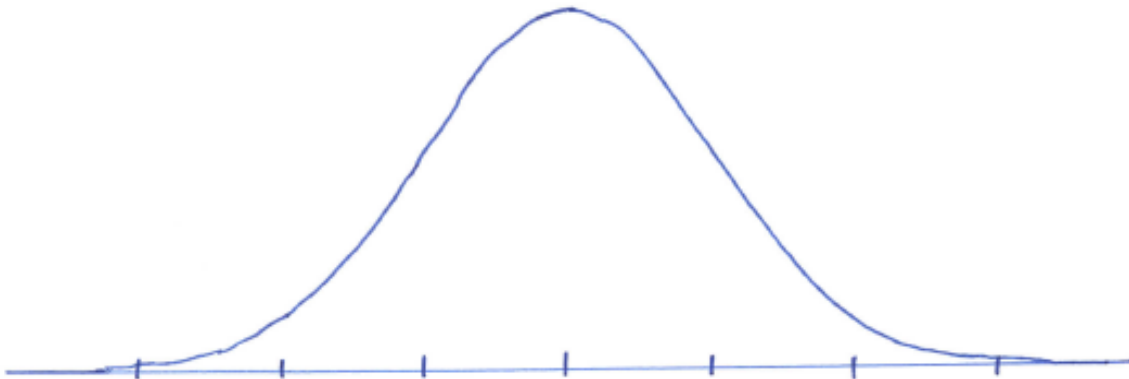


## Exam 2 Additional Review Problems

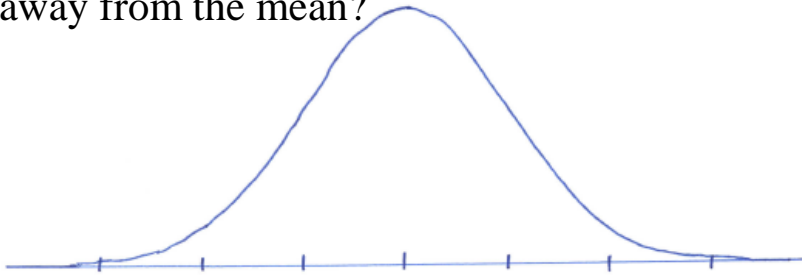
1. On this graph, label the middle 68%, middle 95%, and middle 99.7% of the data. Describe where 100% of the data lies.



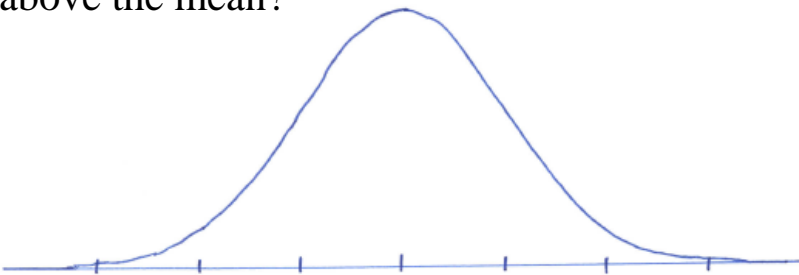
2. On this graph, label the upper 50%, lower 50% and middle 50% of the data. Label the mean, median, Q1, and Q3 on this graph.



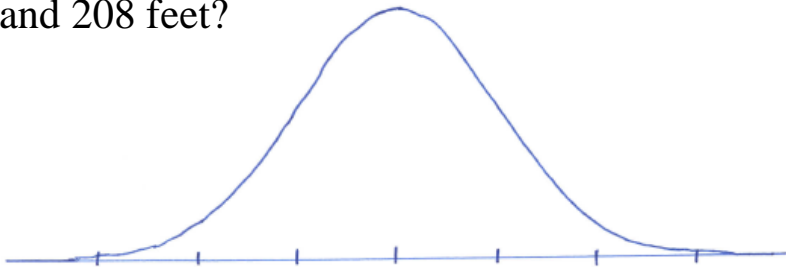
3. What percentage of your data is further than 1 standard deviation away from the mean?



4. What percentage of your data is further than 3 standard deviations above the mean?



5. If the mean of your data is 160 feet, and the standard deviation is 16 feet, what percentage of your data would you expect between 128 feet and 208 feet?



6. If the mean of your data is 160 feet, and the standard deviation is 16 feet, what is the z-score of 100 feet?

