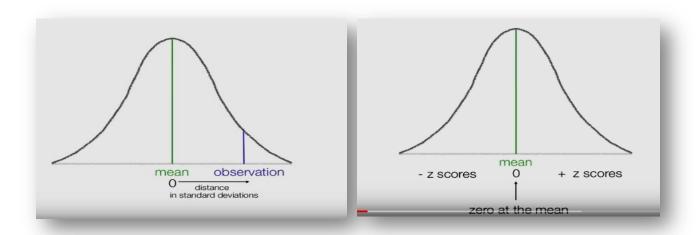
Z –scores (standard score) is how many standard deviations either above or below the mean



Note: Z –scores can be positive (above the mean), negative (below the mean) or zero(equal the mean)

Examples:

- \bot **Z**=+1 indicates that the score (x) is one standard deviation above the mean.
- \bot **Z**=-2 indicates that the score (x) is two standard deviation below the mean.
- **₹ Z**=0 indicates that the score (x) is zero standard deviations away from the mean(it is equal to the mean)

$$\frac{-}{4}$$
 x = mean

Example:

Score **=110**, mean**= 100**, and Standard deviation= 10

Result: A score 110 is 1 standard deviation above the mean.