

Outlier: A # that doesn't fit the data. (makes long whiskers)

Interquartile Range:

$|Q1 - Q3|$ The # should always be positive. $Q1 = \text{smaller \#}$ $Q3 = \text{larger \#}$

Example: Given the following test scores create a box plot of the data and label the min, $Q1$, med, $Q3$, and max.
{30, 42, 50, 67, 85, 87, 90, 92, 98, 100}

$$\text{Median} = \frac{85 + 87}{2} = 86$$

5 #
Summary {
min = 30
Q1 = 50
med = 86
Q3 = 92
max = 100

