

1. This is a positive skew because our number 0.87145 greater than 0.5 and since there is no sign it means a (+) skewness.
2. The number that tells this is NOT a bell curve is 0.22
3. The numerical value for the horizontal line at the top of the box is 81.3 ( $Q_3$ ).
4. The percentage score that falls below 81.3 is 75 %.
5. There are 3 outliers (128, 129, and 129).
6. The lowest score is 23. Highest score is 129.
7. The middle 50% of the distribution falls between 81.3 ( $Q_3$ ) and 40.8 ( $Q_1$ ).
8. The sign + in the middle of the box represents the interval in the stem and leaf plot that contains the mean. The number is 71.32.
9.  $P_{10}$  is 25.8 (10% Quantiles).