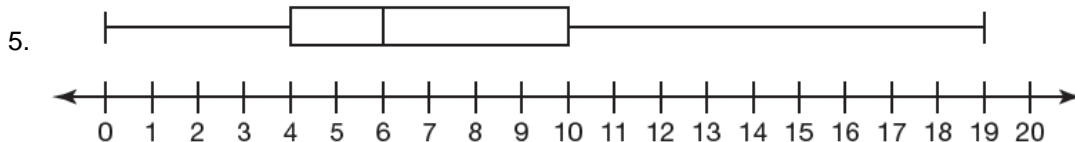
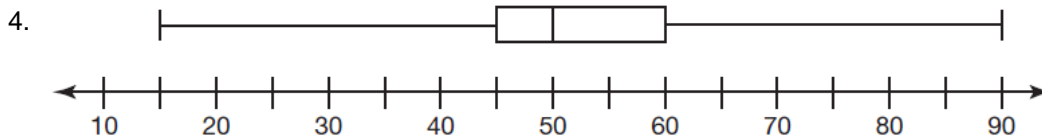


## HW #2: Box and Whisker Plots

**Calculate the five number summary for each data set. Identify if the data set contains any outliers and construct a box and whisker plot to display the data.**

- The data are 0, 3, 10, 16, 16, 18, 20, 21, 22, 24, 25, 25, 27, 30, 35, and 41.
- The data are 9, 15, 26, 30, 32, 32, 35, 36, 38, 40, 40, 45, and 59
- The data are 60, 55, 70, 80, 20, 60, 105, 65, 75, 100, 55, 15, 115, 65, 70, 45, and 60.

**From each box and whisker plot, identify whether the data contains any outliers.**



**Construct a box and whisker plot for each set of data and include any outliers. Determine the shape of the data and what measure of center would be most appropriate for each data set.**

6. The data are 1, 6, 9, 12, 14, 15, 17, 17, 17, 18, 18, 18, 19, and 20.

7. The data are 7, 11, 10, 13, 0, 3, 10, 9, 17, 11, 10, 20, 9, 8, and 12.

8. The data are 18, 25, 30, 32, 33, 33, 35, 38, 39, 40, 42, 43, 44, 48, and 55.