Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_

\*\*Box and Whisker Plots\*\*

Items that need identified: Steps to Solve

Minimum: \_\_\_\_\_\_\_\_\_\_\_\_\_ \*Put numbers smallest to largest

Quartile 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \*Find the median (middle)

Quartile 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \*Identify Min/Max

Quartile 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \*Find Q1 and then Q3

Maximum: \_\_\_\_\_\_\_\_\_\_\_\_\_ \*Draw line and plot points

Example 1

The number of runs scored by a softball game in 10 games is given. Use the data to make a box-and-whisker plot.

3, 4, 8, 12, 7, 5, 4, 12, 3, 9

Minimum: \_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum: \_\_\_\_\_\_\_\_\_\_\_\_\_

Box-and-Whisker Plot:

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_

\*\*Box and Whisker Plots\*\* Homework

1) Use the following data to create a box and whisker plot.

21, 31, 26, 24, 28, 26

Minimum: \_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum: \_\_\_\_\_\_\_\_\_\_\_\_\_

Box-and-Whisker Plot:

2) Use the following data to create a box and whisker plot.

10, 26, 25, 10, 20, 22, 25, 20

Minimum: \_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quartile 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum: \_\_\_\_\_\_\_\_\_\_\_\_\_

Box-and-Whisker Plot: