

## Box and Whisker Plots #2

Name \_\_\_\_\_ Class \_\_\_\_\_



Create a Box and Whisker Plot using the following information:

Median (Second Quartile): 14

Lower Extremes: 8.5

Lower Median (First Quartile): 12

Upper Extremes: 24.5

Upper Median (Third Quartile): 18

1. What is the range? \_\_\_\_\_
2. 25% of the numbers are smaller than what number? \_\_\_\_\_
3. If 20 test scores were used to create this Box and Whisker Plot, how many grades would you expect to see between 16 and 22? \_\_\_\_\_



4. What is the range? \_\_\_\_\_
5. What is the upper median? \_\_\_\_\_
6. What is the lower extreme? \_\_\_\_\_
7. 22 is an example of what? \_\_\_\_\_
8. What fraction of data is smaller than 17? \_\_\_\_\_
9. Numbers between 4 and 12 represent \_\_\_\_\_ 25%, 30%, or 20% \_\_\_\_\_ of all values used.

Cluster 7