

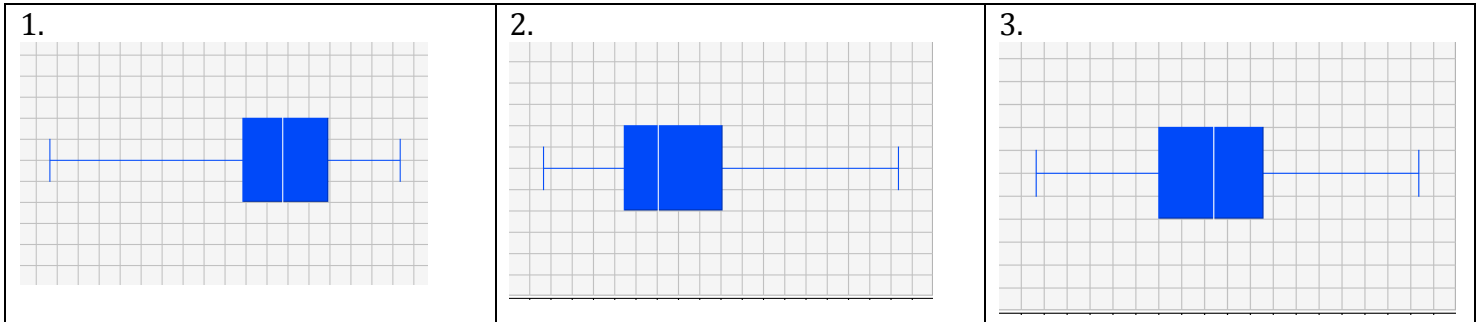
**Honors Statistics**

2.7: Boxplots

Name \_\_\_\_\_

Period \_\_\_\_ Date \_\_\_\_\_

**Determine the shape of the distribution as symmetrical, skewed left, or skewed right.**



**Find the 5 number summary and construct a boxplot by hand.**

4. The number of vacation days used by a sample of 20 employees in a recent year.

3 9 2 1 7 5 3 2 2 6  
4 0 10 0 3 5 7 8 6 5

5. The lengths (in inches) of a sample of 22 butterfly wingspans.

3.2 3.1 2.9 4.6 3.7 3.8 4.0 3.0 2.8 3.3 3.6  
3.7 3.9 4.1 2.9 3.2 3.8 3.9 3.5 3.7 3.3 3.9

6. The test scores of 15 employees enrolled in CPR training.

13 9 18 15 14 21 7 10  
11 20 5 18 37 16 17