

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

## **Box-and-Whisker Plots** Exit Quiz

**Solve the following problems involving box-and-whisker plots**

The following are scores of 7 students in the mathematics quiz as follows: 2,4,5,5,6,7,9.

1. Find the first quartile.

2. Find the 2nd quartile

3. Find the Third quartile.

4. Draw a box and whisker plots.

5. Describe the data.

## Box-and-Whisker Plots Exit Quiz

Answer:

Solve the following problems involving box-and-whisker plots

The following are scores of 7 students in the mathematics quiz as follows: 2,4,5,5,6,7,9.

1. Find the first quartile.

$$Q_1 = 7/4 = 1.75 \text{ or } 2 \quad 2,4,5,5,6,7,9.$$

Quartile 1 = 4

2. Find the 2nd quartile

$$Q_2 = 2(7)/4 = 3.5 \text{ or } 4 \quad 2,4,5,5,6,7,9.$$

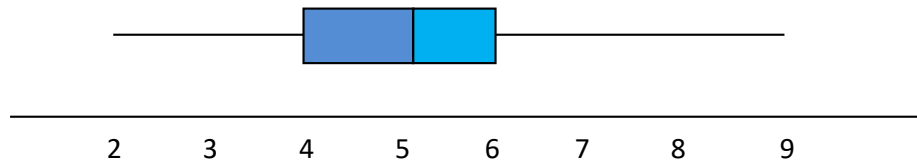
Quartile 2 = 5

3. Find the Third quartile.

$$Q_3 = 3(7)/4 = 5.25 \text{ or } 5 \quad 2,4,5,5,6,7,9.$$

Quartile 3 = 6

4. Draw a box and whisker plots.



5. Describe the data.

The distribution of data is more concentrated in the middle but aligned few units to the left.