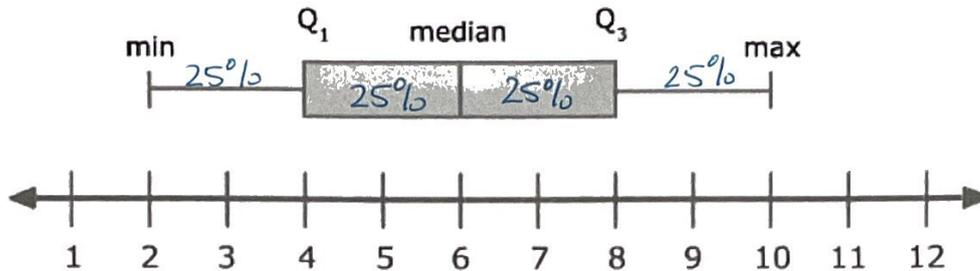


Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## Box and Whisker Plots

**Box and Whisker Plots:** a graph that displays the five number summary of a data set



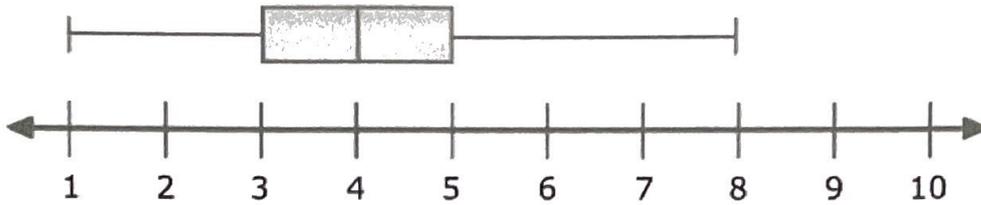
Q1: 25 % of the data is below this point and 75 % of the data is above this point

Q3: 75 % of the data is below this point and 25 % of the data is above this point

Q2 (Median): 50 % of the data is below this point and 50 % of the data is above this point

IQR: this is the range of the middle 50 % of the data

### Blueberry pies sold each day



Using the box and whisker plot above to answer the following questions.

1. Identify the:

Minimum: 1

Q1: 3

Q2 (median): 4

Q3: 5

Maximum: 8

IQR: 2

5-3

2. Enter a number in each box of the table to represent the percent of the data that is above or below in the box-and-whisker plot.

	Percent of data (%)
Below 4	50
Above 4	50
Above 3	75
Below 3	25
Above 5	25
Below 5	75