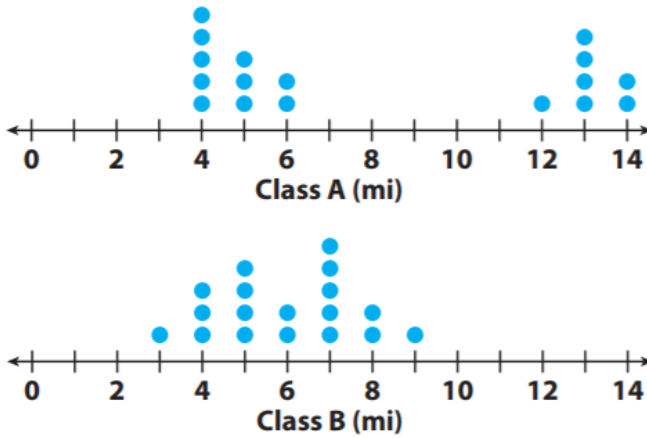## *Notes for Analyzing Dot Plots*:

Center is the _____number. It is also known as the _____

List the numbers in order from _____ to _____.

Spread is the _____. It is found by _____ - _____.

The dot plots show the number of miles run per week for two different classes. For 1–5, use the dot plots shown.
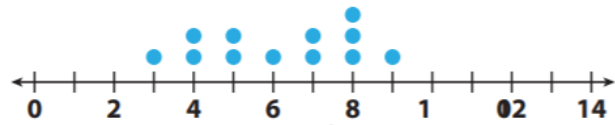

Class A (mi)

Class B (mi)

Compare the centers of the dot plots.

_____

_____

Compare the spreads of the dot plots.

_____

_____

Calculate the medians of the dot plots.
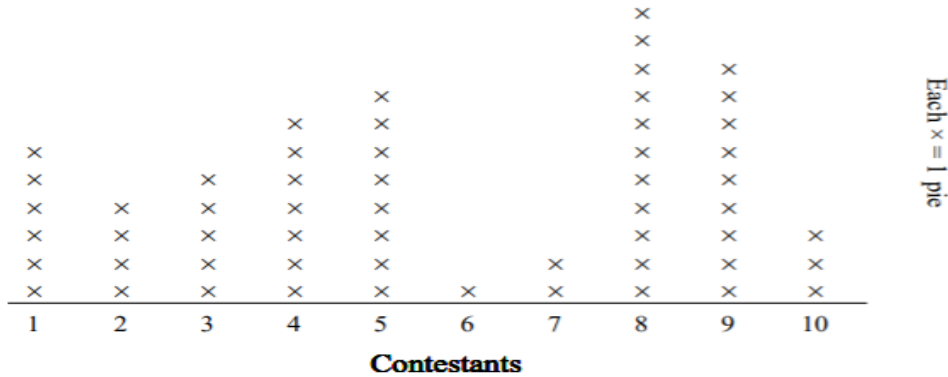
_____

Calculate the ranges of the dot plots.

_____

The dot plot shows the number of letters in the spellings of the 12 months. Use the dot plot for 7–10.

Describe the center of the dot plot.

_____

Describe the spread of the dot plot.

_____

Calculate the mean, median, and range of the data in the dot plot.

_____

Contestants

Each × = 1 pie

1) How many pies did contestant 5 eat?

2) Did contestant 2 or contestant 3 eat more pies?

3) Did contestant 6 or contestant 4 eat fewer pies?

4) How many contestants ate more than 3 pies?

5) How many contestants ate fewer than 8 pies?

6) What is the combined number of pies contestant 9 and contestant 8 ate?

7) Which contestant ate the most pies?

8) Which contestant ate the fewest pies?

9) Which contestants (if any) ate more than 8 pies?

10) What is the difference in the number of pies contestant 3 ate and the number contestant 2 ate?

11) Which contestant ate exactly 11 pies?