

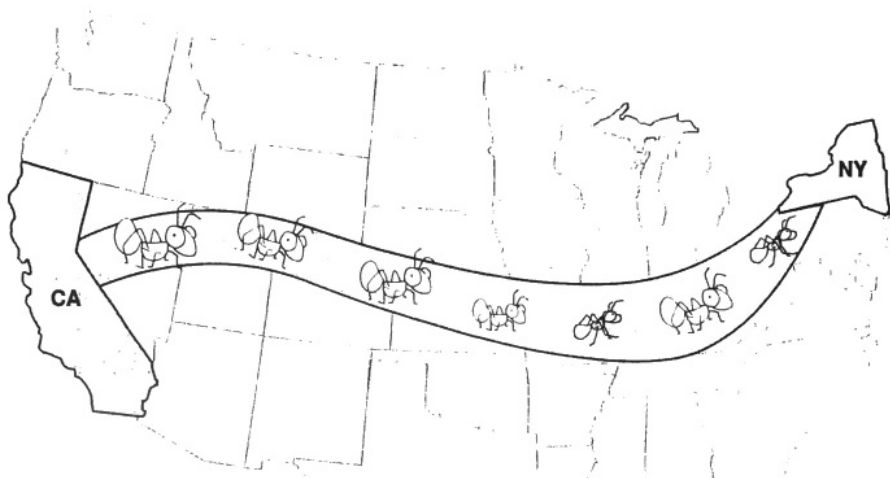
Riddle

Name _____

HW

What goes from New York to California without moving?

To solve the riddle, answer each of the questions below. Then write the corresponding letter above the answer to the question. The letters will spell out the answer to the riddle.



Math Test Scores

Stem	Leaves
4	9
5	5 8
6	6 9
7	2 6 8 8
8	2 4 6 7 8
9	2 4 5 6 7 8 8 8 9
10	0 0

- A** What is the mode of this data? _____
- G** What is the highest score? _____
- H** What is the median of this data? _____
- I** How many math test scores are there? _____
- W** What is the lowest score? _____
- Y** What is the range of this data? _____

98 87 25 100 87 49 98 51

Construct and interpret graphs

Box and Whisker

Name _____

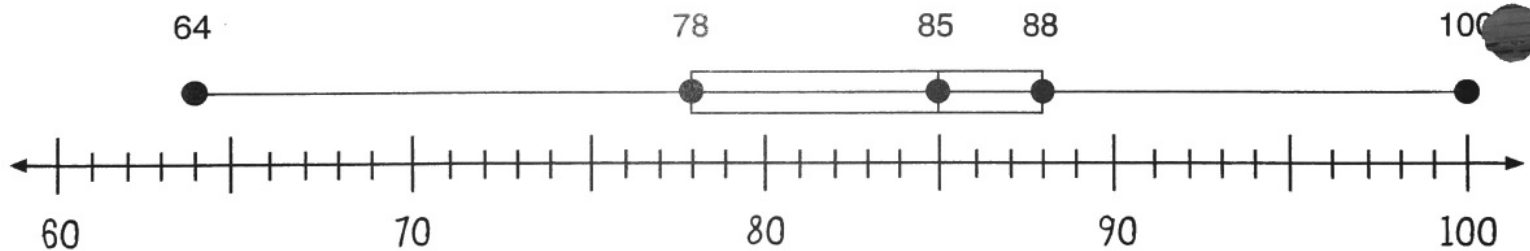
Olivia collected the following data about students in her class and their percents on the last spelling test.

64 76 78 85 85 85 86 88 94 100

She put the data into a Box and Whisker Plot by following these directions:

1. Order the data from least to greatest value.
2. Mark the lowest value and the greatest value.
3. Mark the median of the data.
4. Mark the median of the lower half of the data (the lower quartile).
5. Mark the median of the upper half of the data (the upper quartile).
6. Draw a box around the median values.

This is what her Box and Whisker Plot looked like:



Now it's your turn. Follow the same directions to construct a Box and Whisker plot for this data about students in Olivia's class and their percents on the last math test.

80 72 100 80 70 84 88 90 98 78

