

WELCOME BACK FROM SPRING BREAK! Name: _____

Read the directions along with each question carefully.

Directions: Read each word problem and find the mean, median, mode, range, or change.

1. A botanical garden supplied seedlings to 6 schools for Earth Day. The schools requested 7 seedlings, 7 seedlings, 6 seedlings, 6 seedlings, 7 seedlings, and 9 seedlings. What was the range of the numbers of seedlings requested?
2. Bridget earned pocket money by recycling cans and bottles on 7 occasions. The redemption values of the cans and bottles were: \$1.00, \$1.00, \$3.00, \$4.00, \$1.00, \$2.00, \$2.00. What was the mean redemption value she received?
3. For a homework assignment, Rudy measured the volume of 9 drinking glasses in his family's kitchen. The volumes of the glasses were: 9 ounces, 7 ounces, 8 ounces, 6 ounces, 6 ounces, 9 ounces, 7 ounces, 9 ounces, and 8 ounces. What was the mode of the volumes?
4. Sara wants to know how the mean would change if the number 99 were added to the following data set: 20, 61, 46, 46, 32, 55, 45, 94, 66, and 85. Would the mean of this data set increase, decrease, or not change?
5. Kyle wants to know how the range would change if the number 20 were added to the following data set: 69, 79, 79, 41, 32, 32, 32, 26, 79, and 37. Would the range of this data set increase, decrease, or not change?

1. <input type="text" value="3"/>	4. Increase
2. \$2.00	5. Increase
3. 9	