

Name _____

Date _____

Measures of Center and Variability - Guided Lesson

Complete the following problems.

1) Look at this set of 9 numbers:

6 7 2 5 1 9 7 2 3

How would the range change if the **number 6** replaced one of the **2s** in the set?

Increase _____ decrease _____ no change _____

2) 5 people were asked about the amount of time they spend gardening.

They said 12, 10, 15, 6, 7 hours, respectively.

Find the mean (or average) amount of time those surveyed devote to gardening every week.



3) Orange Airlines employees a very wide range of employees. There are 8 divisions within the company. You will find a listing of annually salaries of the top paid employee from each division below. Which measure of center will provide you with the most accurate estimation of the salary for an Orange Airline employee? What is that value?

\$124,000 \$54,346 \$79,574 \$142,875

\$96,240 \$67,850 \$83,745 \$97,582

