

# EJERCICIO DE MEDIANA MODA Y RANGO

NOMBRE:

GRADO:

## Practice 2 Median, Mode, and Range

Find the median, mode, and range.

Example

4, 6, 5, 6, 8, 8, 10, 8

Find the median.

4, 5, 6, 6, 8, 8, 8, 10

Since there are two middle numbers, 6 and 8, find the mean of the two numbers.

The median of the data set is  $\frac{6+8}{2} = \frac{14}{2} = 7$ .

Arrange the numbers in order from least to greatest. The middle number or the mean of the two middle numbers is the median.



Find the mode.

4, 5, 6, 6, 8, 8, 8, 10

The mode of the data set is 8.

The number that appears most often is the mode. There can be more than one mode. If all the numbers appear the same number of times, there is no mode.



Find the range.

4, 5, 6, 6, 8, 8, 8, 10

$$\begin{aligned} \text{Range} &= 10 - 4 \\ &= 6 \end{aligned}$$

The range of the data set is 6.

The difference between the greatest and the least number is the range.



**Find the median, mode, and range of each set of data.**

- 1.** 50, 52, 58, 50, 47, 43, 52, 60, 49, 52

Median:

Mode:

Range:

- 2.** 15 in., 18 in., 12 in., 14 in., 30 in., 15 in., 15 in.

Median:

Mode:

Range:

- 3.** 9 lb, 11 lb, 14 lb, 20 lb, 14 lb, 20 lb, 14 lb, 20 lb

Median:

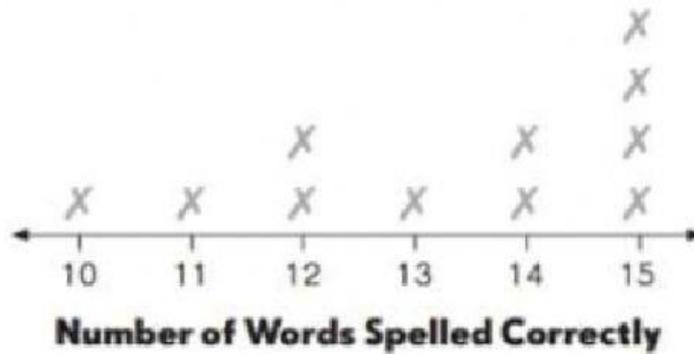
Mode:

Range:

6/

**Example**

The line plot shows the number of words spelled correctly by each contestant in a spelling bee. Each X represents one contestant.



An X above 15 on the number line represents a contestant who spelled 15 words correctly.



**Complete. Use the data in the line plot.**

\_\_\_\_\_ contestants took part in the spelling bee.

The median number of words spelled correctly is \_\_\_\_\_.

The number of contestants who spelled the greatest number of words correctly is \_\_\_\_\_.

The mode of the set of data is \_\_\_\_\_ words.

The difference between the greatest and the least number of words spelled correctly is \_\_\_\_\_.