

## Lesson 7.8 Measures of Variability: Range

The **range** of a data set is the difference between the largest value and smallest value contained in the data set.

11, 12, 15, 15, 13, 12

11, 12, 12, 13, 15, 15

11, 12, 12, 13, 15, 15

$15 - 11 =$

4

1. Put the data set in order from least to greatest.

2. Find the largest value and smallest value.

3. Subtract.

4. The range of this data set is 4.

Find the range of each data set.

**a**

1. 11, 10, 12, 9

\_\_\_\_\_

2. 25, 30, 32, 23, 27, 22

\_\_\_\_\_

3. 36, 33, 37, 37, 41, 33

\_\_\_\_\_

4. 277, 280, 287, 276

\_\_\_\_\_

5. 12, 9, 16, 9

\_\_\_\_\_

**b**

79, 79, 79, 84

\_\_\_\_\_

96, 94, 101, 96, 91, 92

\_\_\_\_\_

506, 508, 510, 509

\_\_\_\_\_

10, 8, 9, 12, 6, 8

\_\_\_\_\_

95, 92, 89, 97, 94, 88

\_\_\_\_\_