

## SKILL

**Skills Readiness****84****Find Measures of Central Tendency**

Example: Find the mean, median, and mode of the data set: 10, 12, 13, 15, 10.

Mean	Median	Mode
The mean is the average of the data values: $\frac{\text{sum of all the values}}{\text{number of values}}$	The median is the middle number when the values are in order from least to greatest.	The mode is the data value that appears the most often.
$\frac{10 + 12 + 13 + 15 + 10}{5} = \frac{60}{5} = 12$	10, 10, <b>12</b> , 13, 15	10 is the only data value that appears more than one time.

**Practice on Your Own**

Find the mean, median, and mode of each data set.

1. 7, 6, 11, 9, 7

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

2. 2, 2, 3, 3, 4, 4, 4

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

3. 4, 5, 6, 7, 8, 9

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

4. 5, 4, 4, 4, 7, 6, 6, 6

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

5. 3, 1, 7, 10, 4

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

6. 22, 16, 24, 18

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

7. 5, 13, 1, 9, 5, 10, 6

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

8. 7, 7, 7, 9, 9, 9

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

9. 42, 35, 15, 18, 25

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

**Check**

Find the mean, median, and mode of each data set.

10. 4, 12, 7, 10, 7

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

11. 15, 10, 15, 25, 10, 15

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

12. 8, 8, 8, 9, 9, 9

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

13. 2, 10, 5, 9, 4, 6

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

14. 9, 9, 4, 4, 5, 5, 5

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_

15. 12, 23, 18, 36, 11

Mean = \_\_\_\_\_

Median = \_\_\_\_\_

Mode = \_\_\_\_\_