

AFDA
Mean, Median, Mode, Range Practice

Name: _____

Date: _____

Fill in the blanks below:

The _____ of a numerical set of data is the difference of the greatest value and the least value.	The _____ of a numerical set of data is the middle number when the numbers are written in numerical order.	The _____ of a numerical set of data is the value that occurs most frequently.	The _____ is the average of a set of data, calculated by dividing their sum by the number of data points.
---	--	--	---

Find the mean, median, mode(s), and range of the following data.

1) 5, 3, 2, 6, 5, 2, 5

mean: _____ median: _____ mode: _____ range: _____

2) 24, 12, 10, 15, 10, 22, 12

mean: _____ median: _____ mode: _____ range: _____

3) 14, 9, 20, 5, 17, 13

mean: _____ median: _____ mode: _____ range: _____

4) 21, 15, 16, 25, 13, 18

mean: _____ median: _____ mode: _____ range: _____

5) 20, 17, 10, 31, 25, 18, 12

mean: _____ median: _____ mode: _____ range: _____

6) 48, 40, 53, 43, 52, 46

mean: _____ median: _____ mode: _____ range: _____

7) 9, 15, 28, 10, 8

mean: _____ median: _____ mode: _____ range: _____

8) 32, 33, 22, 85, 58

mean: _____ median: _____ mode: _____ range: _____

9) 24, 35, 18, 20, 17, 30

mean: _____ median: _____ mode: _____ range: _____

10) 116, 130, 120, 125, 140, 125

mean: _____ median: _____ mode: _____ range: _____

AFDA: Mean, Median, Mode, Range Practice

Solve the following problems. Round to the nearest tenth if necessary.

11) **Tomato Plants** The heights (in inches) of eight tomato plants are:

36, 45, 52, 40, 38, 41, 50, and 48

- What is the range of the tomato plant heights?
- Find the mean, median, and mode(s) of the tomato plant heights.

12) **World Population** The populations (in millions) in 2000 on each of the six inhabited continents were:

803, 487, 348, 3686, 730, and 31

- What is the range of the populations?
- Find the mean, median, and mode(s) of the populations.

13) **Quiz Scores** You and your friend are having a friendly competition about the scores on your math quizzes. Both of your scores for the first five quizzes are given below:

Your quiz scores: 18, 16, 19, 15, 17

Friend's quiz scores: 20, 20, 13, 12, 17

- Find the mean, median, and mode of both sets of data.
- Which person - you or your friend - has the higher mean?