

Student: _____
Date: _____
Time: _____

Instructor: courtney trabue
Course: GMC LSS Mathematics
Book: Martin-Gay: Developmental
Mathematics

Assignment: MAT 097 Mean, Median,
and Mode (7.3)

1. For the following set of numbers, find the average, the median, and the mode.

13, 15, 26, 11, 26, 16, 12

The average is . The median is . The mode(s) is/are .

(Use commas to separate answers as needed. Type N if there is no answer.)

2. For the given set of numbers, find the mean, the median, and the mode. If necessary, round the mean to one decimal place.

5.7, 6.3, 6.3, 7.7, 3.8, 7.2

The mean is . (Round to one decimal place as needed.)

The median is . (Round to one decimal place as needed.)

The mode is .

(Use a comma to separate answers as needed. Type N if there is no solution.)

3. For the given set of numbers, find the mean, the median, and the mode. If necessary, round the mean to one decimal place.

0.9, 1, 1.2, 1.3, 1.3, 1.6, 0.9, 1.4, 1.8

The mean is . (Round to one decimal place as needed.)

The median is . (Round to one decimal place as needed.)

The mode is .

(Use a comma to separate answers as needed. Type N if there is no solution.)

4. Find the mean height of the six tallest buildings. If necessary, round results to one decimal place.

Building	Height (ft)	Building	Height (ft)
Building 1	1483	Building 5	1283
Building 2	1483	Building 6	1260
Building 3	1450	Building 7	1250
Building 4	1381	Building 8	1227

The mean is ft. (Round to one decimal place as needed.)

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5. Find the median height of the five tallest buildings. If necessary, round results to one decimal place.

Building	Height (ft)	Building	Height (ft)
Building 1	1483	Building 5	1283
Building 2	1483	Building 6	1260
Building 3	1450	Building 7	1250
Building 4	1381	Building 8	1227

The median is ft. (Round to one decimal place as needed.)

6. Find the grade point average. Assume that the grade point values are 4.00 for an A, 3.00 for a B, and so on.

Grades	# of credit hours
B	3
B	5
B	5
C	4

The grade point average is . (Round to the nearest hundredth as needed.)

7. Find the grade point average. If necessary, round the grade point average to two decimal places.
Recall that A is worth 4 points, B is worth 3 points, C is worth 2 points, D is worth 1 point, and F is worth 0 points.

Grade	Credit Hours
D	3
A	3
A	4
F	1
F	2

The GPA is . (Round to two decimal places as needed.)

8. During an experiment, the following times (in seconds) were recorded. Find the mean.

7.4, 6.5, 7.1, 4.3, 6.5, 6.6

The mean is . (Round to one decimal place as needed.)

9. During an experiment, the following times (in seconds) were recorded. Find the median.

6.5, 5.6, 6.2, 3.4, 5.6, 5.7

The median is . (Round to two decimal places.)

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10. During an experiment, the following times (in seconds) were recorded. Find the mode.

6.1, 5.2, 5.8, 3.5, 2.5, 3

The mode is .

(Use commas to separate answers as needed. Type N if there is no answer.)

11. In a mathematics class, the following test scores were recorded for a student. Find the mean.

82, 91, 87, 70, 73, 81

The mean is . (Round to two decimal places.)

12. In a mathematics class, the following test scores were recorded for a student. Find the median.

89, 98, 94, 77, 80, 88

The median is . (Round to one decimal place as needed.)

13. In a mathematics class, the following test scores were recorded for a student. Find the mode.

77, 86, 82, 65, 68, 76

The mode is .

(Use commas to separate answers as needed. Type N if there is no answer.)

14. The following pulse rates were recorded for a group of 15 students. Find the mean.

79, 81, 67, 69, 72, 65, 83, 72, 71, 66, 71, 76, 78, 87, 73

The mean is .

15. The following pulse rates were recorded for a group of 15 students. Find the median.

81, 83, 69, 71, 74, 67, 85, 74, 73, 68, 73, 78, 80, 89, 75

The median is .

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16. The following pulse rates were recorded for a group of **15** students. Find the mode.

83, 85, **71, 73, 76**, 69, **87, 76, 75, 70, 75**, 80, 82, 91, **77**

The mode is .

(Use commas to separate answers as needed. Type N if there is no answer.)