

Mean Absolute Deviation

Find the mean absolute deviation of each data set. Round your answers to two decimal places.

1) 12, 19, 10, 18, 21

Data	Mean	Difference	Absolute Value
		Sum	

Mean Absolute Deviation = _____

2) 7, 14, 11, 13, 4, 20

Data	Mean	Difference	Absolute Value
		Sum	

Mean Absolute Deviation = _____

3) 50, 48, 36, 45, 33, 37

Data	Mean	Difference	Absolute Value

Mean Absolute Deviation = _____

4) 8, 5, 2, 9

Data	Mean	Difference	Absolute Value

Mean Absolute Deviation = _____

Mean Absolute Deviation

Answer Key

Find the mean absolute deviation of each data set. Round your answers to two decimal places.

1) 12, 19, 10, 18, 21

Data	Mean	Difference	Absolute Value
10	16	-6	6
12	16	-4	4
18	16	2	2
19	16	3	3
21	16	5	5
Sum			20

Mean Absolute Deviation = 4

2) 7, 14, 11, 13, 4, 20

Data	Mean	Difference	Absolute Value
4	11.5	-7.5	7.5
7	11.5	-4.5	4.5
11	11.5	-0.5	0.5
13	11.5	1.5	1.5
14	11.5	2.5	2.5
20	11.5	8.5	8.5
Sum			25

Mean Absolute Deviation = 4.17

3) 50, 48, 36, 45, 33, 37

Data	Mean	Difference	Absolute Value
33	41.5	-8.5	8.5
36	41.5	-5.5	5.5
37	41.5	-4.5	4.5
45	41.5	3.5	3.5
48	41.5	6.5	6.5
50	41.5	8.5	8.5
Sum			37

Mean Absolute Deviation = 6.17

4) 8, 5, 2, 9

Data	Mean	Difference	Absolute Value
2	6	-4	4
5	6	-1	1
8	6	2	2
9	6	3	3
Sum			10

Mean Absolute Deviation = 2.5