

Mean Absolute Deviation

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

1) 26, 30, 16, 23, 22, 24

Data	Mean	Difference	Absolute Value
		Sum	

Mean Absolute Deviation = _____

2) 3, 12, 17, 6, 1

Data	Mean	Difference	Absolute Value
		Sum	

Mean Absolute Deviation = _____

3) 47, 40, 31, 34

Data	Mean	Difference	Absolute Value
		Sum	

Mean Absolute Deviation = _____

4) 44, 43, 40, 29, 25, 35

Data	Mean	Difference	Absolute Value
		Sum	

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) 26, 30, 16, 23, 22, 24

Data	Mean	Difference	Absolute Value
16	23.5	-7.5	7.5
22	23.5	-1.5	1.5
23	23.5	-0.5	0.5
24	23.5	0.5	0.5
26	23.5	2.5	2.5
30	23.5	6.5	6.5
Sum			19

Mean Absolute Deviation = 3.17

2) 3, 12, 17, 6, 1

Data	Mean	Difference	Absolute Value
1	7.8	-6.8	6.8
3	7.8	-4.8	4.8
6	7.8	-1.8	1.8
12	7.8	4.2	4.2
17	7.8	9.2	9.2
Sum			26.8

Mean Absolute Deviation = 5.36

3) 47, 40, 31, 34

Data	Mean	Difference	Absolute Value
31	38	-7	7
34	38	-4	4
40	38	2	2
47	38	9	9
Sum			22

Mean Absolute Deviation = 5.5

4) 44, 43, 40, 29, 25, 35

Data	Mean	Difference	Absolute Value
25	36	-11	11
29	36	-7	7
35	36	-1	1
40	36	4	4
43	36	7	7
44	36	8	8
Sum			38

Mean Absolute Deviation = 6.33