

Name : _____

Mean Absolute Deviation

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

1) 61, 87, 46, 79, 53, 46

2) 9, 2, 1, 3

Data	Mean	Difference	Absolute Value

Data	Mean	Difference	Absolute Value
Sum			

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

3) 75, 55, 68, 47, 49

Data	Mean

Difference	Absolute Value
Sum	

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

5) The table represents the final medal count of six countries in the 2018 Winter Olympics. Calculate the mean absolute deviation of the set of data.

Mean = _____

Mean Absolute Deviation = _____

Final medal count - Winter Olympics, 2018					
Norway	USA	Great Britain	Russia	China	Australia
39	23	5	17	9	3

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Answer key

L153

Mean Absolute Deviation

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

1) 61, 87, 46, 79, 53, 46

Data	Mean	Difference	Absolute Value
46	62	-16	16
46	62	-16	16
53	62	-9	9
61	62	-1	1
79	62		
87	62		

2) 9, 2, 1, 3

Data	Mean	Difference	Absolute Value
1	3.75	-2.75	2.75
2	3.75	-1.75	1.75
3	3.75	-0.75	0.75
9		5.25	5.25
Sum			10.5

Mean Absolute Deviation =

Deviation = 2.63

3) 75, 55, 68, 47, 49

Data	Mean
47	58.8
49	58.8
55	58.8
68	58.8
75	58.8

Difference	Absolute Value
-8	8
-5	5
0	0
4	4
9	9
Sum	26

Mean Absolute Deviation = 10.16

Mean Absolute Deviation = 5.2

5) The table represents the final medal count of six countries in the 2018 Winter Olympics. Calculate the mean absolute deviation of the set of data.

Mean = 16

Mean Absolute Deviation = 10.33

Final medal count - Winter Olympics, 2018					
Norway	USA	Great Britain	Russia	China	Australia
39	23	5	17	9	3