



Name : \_\_\_\_\_

## Answer key

L2S2

### Mean Absolute Deviation

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

1) 76, 325, 172, 559, 83

Data	Mean	Difference	Absolute Value
76	243	-167	167
83	243	-160	160
172	243	-71	71
325	243		
559	243		

Mean Absolute Deviation = \_\_\_\_\_

2) 68, 523, 68, 225

Data	Mean	Difference	Absolute Value
68	221	-153	153
68	221	-153	153
225	221	4	4
		302	302
		Sum	612

Mean Absolute Deviation = 153

3) 22, 78, 36, 53, 61

Data	Mean
22	50
36	50
53	50
61	50
78	50

Mean Absolute Deviation = 16.8

4) 74, 785, 536

Data	Difference	Absolute Value
	-277	277
	-168	168
	-14	14
	81	81
	170	170
	208	208
	Sum	918

Mean Absolute Deviation = 153

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5) The examiner at the typewriting institute assessed the typing speeds of six candidates and recorded the results as in the table below. Find the mean absolute deviation of the results.

Mean = 102

Mean Absolute Deviation = 28

Speeds recorded by the examiner (in words per minute)					
126	110	75	87	154	60