

Name : _____

L2S2

Mean Absolute Deviation

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

1) 52, 83, 96, 105, 90, 71, 62, 35

2) 45, 103, 325, 232, 61, 74, 86, 401, 109, 97

Mean = _____

Mean = _____

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

3) 935, 520, 152, 404, 72

08, 54, 26

Mean = _____

Mean = _____

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

5) 77, 46, 12, 35, 62, 28,

9, 100, 95, 106, 55

Mean = _____

Mean = _____

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

7) An ornithologist visited a certain island and observed and recorded the number of birds for each day. Calculate the mean absolute deviation of the set of data. She keenly

Number of birds observed by the ornithologist						
146	157	118	102	125	177	134

Mean = _____ ; Mean Absolute Deviation = _____

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) 52, 83, 96, 105, 90, 71, 62, 35

2) 45, 103, 325, 232, 61, 74, 86, 401, 109, 97

Mean = 74.25

Mean = 153.3

Mean Absolute Deviation = 19.25

Mean Absolute Deviation = 99.62

3) 935, 520, 152, 404, 72

08, 54, 26

Mean =

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Mean = 100

Mean Absolute Deviation =

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Mean Absolute Deviation = 63.43

5) 77, 46, 12, 35, 62, 28,

9, 100, 95, 106, 55

Mean =

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Mean = 74

Mean Absolute Deviation =

Mean Absolute Deviation = 26

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7) An ornithologist visited a certain island. She keenly observed and recorded the number of birds for each day. Calculate the mean absolute deviation of the set of data.

Number of birds observed by the ornithologist						
146	157	118	102	125	177	134

Mean = 137 ; Mean Absolute Deviation = 19.71