

Name : _____

L3S3

Mean Absolute Deviation

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

1) 82, 76.5, 53.5, 64, 39.8, 28.2, 62.7

2) 52.1, 39.5, 13.3, 46.7, 86.6, 13.3, 22.8, 61.7

Mean = _____

Mean = _____

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

3) 32, 10.4, 46.2, 66.8, 70.8, 67.2

37.8, 48.2, 56.6, 68.1

Mean = _____

Mean = _____

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

5) 28.9, 15.1, 36.3, 68.7, 91.3

96.9, 76.4, 55.2, 36.8,

Mean = _____

Mean = _____

Mean Absolute Deviation = _____

Mean Absolute Deviation = _____

7) A census in 2018, giving the number of tourists in each of the most visited cities in the world. What is the mean absolute deviation of the number of tourists in millions?

Mean = _____

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Most visited cities	No. of tourists in millions
Bangkok	20
London	19.8
Paris	17.4
Dubai	15.8

Most visited cities	No. of tourists in millions
Singapore	13.9
New York	13.1
Kuala Lumpur	12.6
Seoul	9.4

Mean = _____ ; Mean Absolute Deviation = _____

Name : _____

Answer key

L3S3

Mean Absolute Deviation

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

1) 82, 76.5, 53.5, 64, 39.8, 28.2, 62.7

Mean = 58.1

Mean Absolute Deviation = 15.09

2) 52.1, 39.5, 13.3, 46.7, 86.6, 13.3, 22.8, 61.7

Mean = 42

Mean Absolute Deviation = 19.78

3) 32, 10.4, 46.2, 66.8, 70.8, 67.2

Mean =

Mean Absolute Deviation =

5) 28.9, 15.1, 36.3, 68.7, 91.3

Mean =

Mean Absolute Deviation =

7) A census in 2018, given the number of tourists in millions for the most visited cities in the world. What is the mean absolute deviation of the number of tourists in millions?

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37.8, 48.2, 56.6, 68.1

Mean = 37.7

Mean Absolute Deviation = 17.11

96.9, 76.4, 55.2, 36.8,

Mean = 65.68

Mean Absolute Deviation = 19.46

Most visited cities	No. of tourists in millions
Bangkok	20
London	19.8
Paris	17.4
Dubai	15.8

Most visited cities	No. of tourists in millions
Singapore	13.9
New York	13.1
Kuala Lumpur	12.6
Seoul	9.4

Mean = 15.25 ; Mean Absolute Deviation = 3