

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

L2S1

## Mean Absolute Deviation

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

1) 62, 71, 83, 110, 501, 94, 227

2) 136, 272, 93, 79, 80, 98, 423, 345

Mean = \_\_\_\_\_

Mean = \_\_\_\_\_

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

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

3) 104, 86, 357, 532, 70,

38, 11, 24, 52

Mean = \_\_\_\_\_

Mean = \_\_\_\_\_

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

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

5) 316, 952, 283, 809, 62,

78, 122, 81, 94

Mean = \_\_\_\_\_

Mean = \_\_\_\_\_

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

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

7) The table below shows the times taken by swimmers in a 200 m individual medley. Find the mean absolute deviation of the set of data provided.

Find the mean absolute deviation of the set of data provided.

Time taken by swimmers (in seconds)			
182	187	194	198
228	246	250	257

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

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

## Answer key

L2S1

### Mean Absolute Deviation

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

1) 62, 71, 83, 110, 501, 94, 227

Mean = 164

Mean = 190.75

Mean Absolute Deviation = 114.29

Mean Absolute Deviation = 116.94

3) 104, 86, 357, 532, 70,

Mean =

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38, 11, 24, 52

Mean = 45

Mean Absolute Deviation =

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Mean Absolute Deviation = 14.67

5) 316, 952, 283, 809, 62

Mean =

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78, 122, 81, 94

Mean = 124.75

Mean Absolute Deviation =

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Mean Absolute Deviation = 49.13

7) The table below shows the time taken by swimmers in a 200 m individual medley. Find the mean absolute deviation of the set of data provided.

Time taken by swimmers (in seconds)			
182	187	194	198
228	246	250	257

Mean = 217.75 ; Mean Absolute Deviation = 27.5