

	Name: Class:
	Calculate mean absolute deviation
1.	What is the mean absolute deviation (M.A.D) in the data set below?
	(5, 8, 8, 9, 1,)
2.	What is the mean absolute deviation (M.A.D) in the data set below?
	(15, 17, 15, 18, 20, 21)
3.	Calculate the mean absolute deviation in the data set below and round your answer to the nearest tenth.
	(25, 5, 10, 16, 9, 18, 7)
4.	What is the mean absolute deviation in the data set below? Round your answers to the nearest tenth.
	(87, 77, 77, 94, 72, 65, 82, 97, 75, 71, 64)
5.	Find the mean absolute deviation (MAD) in the data below and round your answer to the nearest hundredth.
	(110, 20, 170, 110, 30, 58, 96, 100, 52, 63, 20, 25, 10)
6.	What is the mean absolute deviation (MAD) in the data set below? Round your answer to the nearest whole number.
	(1,340, 1,254, 2,379, 1,340, 2,115, 3,110)
7.	Find the mean absolute deviation (MAD) in the data set below, and write your answer in the decimal places.
	(1,340, 1,254, 2,379, 1,340, 2,115, 3,110)





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What is the mean absolu	ite deviation (M.A.D) in the	e data set below?	
	(5, 8, 8, 9, 1,)		
To solve this problem, firs	st of all find the mean.		
mean = 31/5 = 6.2			
Secondly find the absolu			
o do this take each num	ber in the set and subtract	the mean from it.	
5 - 6.2 = - 1.2 8 - 6.2 = 1.8	8 - 6.2 = 1.8 1 - 6.2 = -5.2	9 - 6.2 = 2.8	
8 - 0.2 - 1.8	1-0.23.2		
Now, find the absolute	e value of the answers.		
- 1.2 = 1.2	1.8 = 1.8	2.8 = 2.8	
1.8 = 1.8	-5.2 = 5.2		
Next, find the sum of	all the absolute values.		
1.2 + 1.8 + 2.8 + 1.8			
Finally find the M.A.D	by dividing the sum above	by the total number of	of values in the data se
12.8/5 = 2.56			
Round to the nearest	tenth.		
2.56 = 2.6			
So, the M.A.D is	s 2.6.		