



Find the Mean, Median, Interquartile Range and Mean Absolute Deviation of the set of numbers. If possible round to the nearest tenth.

Answers

Ex) 5, 2, 6, 5, 1  
1, 2, 5, 5, 6  
Q1 = 1.5  
Q3 = 5.5

mean = 3.8    Number    1    2    5    5    6  
median = 5    distance    2.8    1.8    1.2    1.2    2.2  
I.Q.R. = 4  
M.A.D. = 1.8

Ex. 3.8    5    4    1.8

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

1) 9, 8, 3, 6, 4

2) 8, 4, 1, 6, 7, 2

3) 4, 1, 6, 2, 7, 2

4) 7, 3, 5, 6, 1, 7, 6

5) 8, 9, 4, 9, 3, 3, 4

6) 2, 1, 2, 3, 1, 7, 7,  
1

7) 3, 8, 7, 6, 6, 8, 6,  
4



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Ex) 5, 2, 6, 5, 1	mean = 3.8	Number	1	2	5	5	6			
1, 2, 5, 5, 6	median = 5	distance	2.8	1.8	1.2	1.2	2.2			
Q1 = 1.5	I.Q.R. = 4									
Q3 = 5.5	M.A.D. = 1.8									
1) 9, 8, 3, 6, 4	mean = 6	Number	3	4	6	8	9			
3, 4, 6, 8, 9	median = 6	distance	3	2	0	2	3			
Q1 = 3.5	I.Q.R. = 5									
Q3 = 8.5	M.A.D. = 2									
2) 8, 4, 1, 6, 7, 2	mean = 4.7	Number	1	2	4	6	7	8		
1, 2, 4, 6, 7, 8	median = 5	distance	3.7	2.7	0.7	1.3	2.3	3.3		
Q1 = 2	I.Q.R. = 5									
Q3 = 7	M.A.D. = 2.3									
3) 4, 1, 6, 2, 7, 2	mean = 3.7	Number	1	2	2	4	6	7		
1, 2, 2, 4, 6, 7	median = 3	distance	2.7	1.7	1.7	0.3	2.3	3.3		
Q1 = 2	I.Q.R. = 4									
Q3 = 6	M.A.D. = 2									
4) 7, 3, 5, 6, 1, 7, 6	mean = 5	Number	1	3	5	6	6	7	7	
1, 3, 5, 6, 6, 7, 7	median = 6	distance	4	2	0	1	1	2	2	
Q1 = 3	I.Q.R. = 4									
Q3 = 7	M.A.D. = 1.7									
5) 8, 9, 4, 9, 3, 3, 4	mean = 5.7	Number	3	3	4	4	8	9	9	
3, 3, 4, 4, 8, 9, 9	median = 4	distance	2.7	2.7	1.7	1.7	2.3	3.3	3.3	
Q1 = 3	I.Q.R. = 6									
Q3 = 9	M.A.D. = 2.5									
6) 2, 1, 2, 3, 1, 7, 7,	mean = 3	Number	1	1	1	2	2	3	7	7
1	median = 2	distance	2	2	2	1	1	0	4	4
1, 1, 1, 2, 2, 3, 7, 7	I.Q.R. = 4									
Q1 = 1	M.A.D. = 2									
Q3 = 5										
7) 3, 8, 7, 6, 6, 8, 6,	mean = 6	Number	3	4	6	6	6	7	8	8
4	median = 6	distance	3	2	0	0	0	1	2	2
3, 4, 6, 6, 6, 7, 8, 8	I.Q.R. = 2.5									
Q1 = 5	M.A.D. = 1.3									
Q3 = 7.5										

Answers

Ex.	<u>3.8</u>	<u>5</u>	<u>4</u>	<u>1.8</u>
1.	<u>6</u>	<u>6</u>	<u>5</u>	<u>2</u>
2.	<u>4.7</u>	<u>5</u>	<u>5</u>	<u>2.3</u>
3.	<u>3.7</u>	<u>3</u>	<u>4</u>	<u>2</u>
4.	<u>5</u>	<u>6</u>	<u>4</u>	<u>1.7</u>
5.	<u>5.7</u>	<u>4</u>	<u>6</u>	<u>2.5</u>
6.	<u>3</u>	<u>2</u>	<u>4</u>	<u>2</u>
7.	<u>6</u>	<u>6</u>	<u>2.5</u>	<u>1.3</u>