



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

Answers

Ex) 7, 4, 4, 2, 9  
 2, 4, 4, 7, 9  
 Q1 = 3  
 Q3 = 8

mean = 5.2    Number    2    4    4    7    9  
 median = 4    distance    3.2    1.2    1.2    1.8    3.8  
 I.Q.R. = 5  
 M.A.D. = 2.2

Ex. 5.2    4    5    2.2

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

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

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

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

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

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

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

1) 8, 2, 3, 1, 4

2) 3, 4, 5, 3, 1, 3

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

4) 9, 1, 9, 7, 3, 8, 5

5) 4, 5, 6, 6, 6, 4, 7

6) 8, 4, 2, 7, 5, 5, 5,  
 8

7) 7, 1, 5, 4, 2, 3, 3,  
 2



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Answers

Ex) 7, 4, 4, 2, 9	mean = 5.2	Number	2	4	4	7	9			
2, 4, 4, 7, 9	median = 4	distance	3.2	1.2	1.2	1.8	3.8			
Q1 = 3	I.Q.R. = 5									
Q3 = 8	M.A.D. = 2.2									
1) 8, 2, 3, 1, 4	mean = 3.6	Number	1	2	3	4	8			
1, 2, 3, 4, 8	median = 3	distance	2.6	1.6	0.6	0.4	4.4			
Q1 = 1.5	I.Q.R. = 4.5									
Q3 = 6	M.A.D. = 1.9									
2) 3, 4, 5, 3, 1, 3	mean = 3.2	Number	1	3	3	3	4	5		
1, 3, 3, 3, 4, 5	median = 3	distance	2.2	0.2	0.2	0.2	0.8	1.8		
Q1 = 3	I.Q.R. = 1									
Q3 = 4	M.A.D. = 0.9									
3) 4, 7, 6, 1, 2, 4	mean = 4	Number	1	2	4	4	6	7		
1, 2, 4, 4, 6, 7	median = 4	distance	3	2	0	0	2	3		
Q1 = 2	I.Q.R. = 4									
Q3 = 6	M.A.D. = 1.7									
4) 9, 1, 9, 7, 3, 8, 5	mean = 6	Number	1	3	5	7	8	9	9	
1, 3, 5, 7, 8, 9, 9	median = 7	distance	5	3	1	1	2	3	3	
Q1 = 3	I.Q.R. = 6									
Q3 = 9	M.A.D. = 2.6									
5) 4, 5, 6, 6, 6, 4, 7	mean = 5.4	Number	4	4	5	6	6	6	7	
4, 4, 5, 6, 6, 6, 7	median = 6	distance	1.4	1.4	0.4	0.6	0.6	0.6	1.6	
Q1 = 4	I.Q.R. = 2									
Q3 = 6	M.A.D. = 0.9									
6) 8, 4, 2, 7, 5, 5, 5, 5, 8	mean = 5.5	Number	2	4	5	5	5	7	8	8
2, 4, 5, 5, 5, 7, 8, 8	median = 5	distance	3.5	1.5	0.5	0.5	0.5	1.5	2.5	2.5
Q1 = 4.5	I.Q.R. = 3									
Q3 = 7.5	M.A.D. = 1.6									
7) 7, 1, 5, 4, 2, 3, 3, 2	mean = 3.4	Number	1	2	2	3	3	4	5	7
1, 2, 2, 3, 3, 4, 5, 7	median = 3	distance	2.4	1.4	1.4	0.4	0.4	0.6	1.6	3.6
Q1 = 2	I.Q.R. = 2.5									
Q3 = 4.5	M.A.D. = 1.5									

Ex.	<u>5.2</u>	<u>4</u>	<u>5</u>	<u>2.2</u>
1.	<u>3.6</u>	<u>3</u>	<u>4.5</u>	<u>1.9</u>
2.	<u>3.2</u>	<u>3</u>	<u>1</u>	<u>0.9</u>
3.	<u>4</u>	<u>4</u>	<u>4</u>	<u>1.7</u>
4.	<u>6</u>	<u>7</u>	<u>6</u>	<u>2.6</u>
5.	<u>5.4</u>	<u>6</u>	<u>2</u>	<u>0.9</u>
6.	<u>5.5</u>	<u>5</u>	<u>3</u>	<u>1.6</u>
7.	<u>3.4</u>	<u>3</u>	<u>2.5</u>	<u>1.5</u>