



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, 8, 6, 4, 4      mean = 5.8    Number    4    4    6    7    8  
 4, 4, 6, 7, 8      median = 6    distance    1.8    1.8    0.2    1.2    2.2  
 Q1 = 4              I.Q.R. = 3.5  
 Q3 = 7.5            M.A.D. = 1.4

Ex. 5.8    6    3.5    1.4

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

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

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

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

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

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

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

1) 2, 3, 4, 7, 1

2) 9, 1, 5, 2, 2, 7

3) 1, 7, 2, 7, 6, 9

4) 3, 8, 2, 8, 5, 3, 5

5) 3, 2, 8, 9, 5, 2, 4

6) 5, 2, 6, 1, 7, 9, 6,  
87) 7, 1, 9, 1, 9, 9, 5,  
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Find the Mean, Median, Interquartile Range and Mean Absolute Deviation of the set of numbers. If possible round to the nearest tenth.

Ex) 7, 8, 6, 4, 4	mean = 5.8	Number	4	4	6	7	8			
4, 4, 6, 7, 8	median = 6	distance	1.8	1.8	0.2	1.2	2.2			
Q1 = 4	I.Q.R. = 3.5									
Q3 = 7.5	M.A.D. = 1.4									
1) 2, 3, 4, 7, 1	mean = 3.4	Number	1	2	3	4	7			
1, 2, 3, 4, 7	median = 3	distance	2.4	1.4	0.4	0.6	3.6			
Q1 = 1.5	I.Q.R. = 4									
Q3 = 5.5	M.A.D. = 1.7									
2) 9, 1, 5, 2, 2, 7	mean = 4.3	Number	1	2	2	5	7	9		
1, 2, 2, 5, 7, 9	median = 3.5	distance	3.3	2.3	2.3	0.7	2.7	4.7		
Q1 = 2	I.Q.R. = 5									
Q3 = 7	M.A.D. = 2.7									
3) 1, 7, 2, 7, 6, 9	mean = 5.3	Number	1	2	6	7	7	9		
1, 2, 6, 7, 7, 9	median = 6.5	distance	4.3	3.3	0.7	1.7	1.7	3.7		
Q1 = 2	I.Q.R. = 5									
Q3 = 7	M.A.D. = 2.6									
4) 3, 8, 2, 8, 5, 3, 5	mean = 4.9	Number	2	3	3	5	5	8	8	
2, 3, 3, 5, 5, 8, 8	median = 5	distance	2.9	1.9	1.9	0.1	0.1	3.1	3.1	
Q1 = 3	I.Q.R. = 5									
Q3 = 8	M.A.D. = 1.9									
5) 3, 2, 8, 9, 5, 2, 4	mean = 4.7	Number	2	2	3	4	5	8	9	
2, 2, 3, 4, 5, 8, 9	median = 4	distance	2.7	2.7	1.7	0.7	0.3	3.3	4.3	
Q1 = 2	I.Q.R. = 6									
Q3 = 8	M.A.D. = 2.2									
6) 5, 2, 6, 1, 7, 9, 6, 8	mean = 5.5	Number	1	2	5	6	6	7	8	9
1, 2, 5, 6, 6, 7, 8, 9	median = 6	distance	4.5	3.5	0.5	0.5	0.5	1.5	2.5	3.5
Q1 = 3.5	I.Q.R. = 4									
Q3 = 7.5	M.A.D. = 2.1									
7) 7, 1, 9, 1, 9, 9, 5, 4	mean = 5.6	Number	1	1	4	5	7	9	9	9
1, 1, 4, 5, 7, 9, 9, 9	median = 6	distance	4.6	4.6	1.6	0.6	1.4	3.4	3.4	3.4
Q1 = 2.5	I.Q.R. = 6.5									
Q3 = 9	M.A.D. = 2.9									

Answers

Ex.	<u>5.8</u>	<u>6</u>	<u>3.5</u>	<u>1.4</u>
1.	<u>3.4</u>	<u>3</u>	<u>4</u>	<u>1.7</u>
2.	<u>4.3</u>	<u>3.5</u>	<u>5</u>	<u>2.7</u>
3.	<u>5.3</u>	<u>6.5</u>	<u>5</u>	<u>2.6</u>
4.	<u>4.9</u>	<u>5</u>	<u>5</u>	<u>1.9</u>
5.	<u>4.7</u>	<u>4</u>	<u>6</u>	<u>2.2</u>
6.	<u>5.5</u>	<u>6</u>	<u>4</u>	<u>2.1</u>
7.	<u>5.6</u>	<u>6</u>	<u>6.5</u>	<u>2.9</u>