



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

Answers

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

mean = 6.4    Number    2    4    8    9    9  
median = 8    distance    4.4    2.4    1.6    2.6    2.6  
I.Q.R. = 6  
M.A.D. = 2.7

Ex. 6.4    8    6    2.7

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

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

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

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

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

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

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

1) 7, 1, 3, 2, 1

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

3) 2, 6, 1, 1, 2, 5

4) 1, 8, 6, 2, 4, 6, 9

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

6) 7, 9, 5, 8, 3, 7, 4,  
3

7) 9, 8, 4, 8, 1, 2, 3,  
2



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Ex) 8, 4, 9, 9, 2	mean = 6.4	Number	2	4	8	9	9
2, 4, 8, 9, 9	median = 8	distance	4.4	2.4	1.6	2.6	2.6
Q1 = 3	I.Q.R. = 6						
Q3 = 9	M.A.D. = 2.7						
1) 7, 1, 3, 2, 1	mean = 2.8	Number	1	1	2	3	7
1, 1, 2, 3, 7	median = 2	distance	1.8	1.8	0.8	0.2	4.2
Q1 = 1	I.Q.R. = 4						
Q3 = 5	M.A.D. = 1.8						
2) 5, 8, 3, 8, 2, 3	mean = 4.8	Number	2	3	3	5	8
2, 3, 3, 5, 8, 8	median = 4	distance	2.8	1.8	1.8	0.2	3.2
Q1 = 3	I.Q.R. = 5						
Q3 = 8	M.A.D. = 2.2						
3) 2, 6, 1, 1, 2, 5	mean = 2.8	Number	1	1	2	2	5
1, 1, 2, 2, 5, 6	median = 2	distance	1.8	1.8	0.8	0.8	2.2
Q1 = 1	I.Q.R. = 4						
Q3 = 5	M.A.D. = 1.8						
4) 1, 8, 6, 2, 4, 6, 9	mean = 5.1	Number	1	2	4	6	6
1, 2, 4, 6, 6, 8, 9	median = 6	distance	4.1	3.1	1.1	0.9	0.9
Q1 = 2	I.Q.R. = 6						
Q3 = 8	M.A.D. = 2.4						
5) 2, 3, 1, 2, 1, 1, 5	mean = 2.1	Number	1	1	1	2	2
1, 1, 1, 2, 2, 3, 5	median = 2	distance	1.1	1.1	1.1	0.1	0.1
Q1 = 1	I.Q.R. = 2						
Q3 = 3	M.A.D. = 1						
6) 7, 9, 5, 8, 3, 7, 4, 3	mean = 5.8	Number	3	3	4	5	7
3, 3, 4, 5, 7, 7, 8, 9	median = 6	distance	2.8	2.8	1.8	0.8	1.2
Q1 = 3.5	I.Q.R. = 4						
Q3 = 7.5	M.A.D. = 2						
7) 9, 8, 4, 8, 1, 2, 3, 2	mean = 4.6	Number	1	2	2	3	4
1, 2, 2, 3, 4, 8, 8, 9	median = 3.5	distance	3.6	2.6	2.6	1.6	0.6
Q1 = 2	I.Q.R. = 6						
Q3 = 8	M.A.D. = 2.8						

Answers

Ex.	<u>6.4</u>	<u>8</u>	<u>6</u>	<u>2.7</u>
1.	<u>2.8</u>	<u>2</u>	<u>4</u>	<u>1.8</u>
2.	<u>4.8</u>	<u>4</u>	<u>5</u>	<u>2.2</u>
3.	<u>2.8</u>	<u>2</u>	<u>4</u>	<u>1.8</u>
4.	<u>5.1</u>	<u>6</u>	<u>6</u>	<u>2.4</u>
5.	<u>2.1</u>	<u>2</u>	<u>2</u>	<u>1</u>
6.	<u>5.8</u>	<u>6</u>	<u>4</u>	<u>2</u>
7.	<u>4.6</u>	<u>3.5</u>	<u>6</u>	<u>2.8</u>