



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

Answers

Ex) 1, 4, 5, 7, 7      mean = 4.8    Number    1    4    5    7    7  
 1, 4, 5, 7, 7      median = 5    distance    3.8    0.8    0.2    2.2    2.2  
 Q1 = 2.5            I.Q.R. = 4.5  
 Q3 = 7              M.A.D. = 1.8

Ex. 4.8    5    4.5    1.8

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

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

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

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

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

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

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

1) 1, 3, 8, 1, 7

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

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

4) 6, 7, 5, 9, 2, 6, 7

5) 7, 1, 6, 9, 8, 8, 8

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

7) 2, 7, 6, 5, 9, 4, 2,  
8



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

Ex) 1, 4, 5, 7, 7	mean = 4.8	Number	1	4	5	7	7			
1, 4, 5, 7, 7	median = 5	distance	3.8	0.8	0.2	2.2	2.2			
Q1 = 2.5	I.Q.R. = 4.5									
Q3 = 7	M.A.D. = 1.8									
1) 1, 3, 8, 1, 7	mean = 4	Number	1	1	3	7	8			
1, 1, 3, 7, 8	median = 3	distance	3	3	1	3	4			
Q1 = 1	I.Q.R. = 6.5									
Q3 = 7.5	M.A.D. = 2.8									
2) 9, 3, 1, 8, 4, 4	mean = 4.8	Number	1	3	4	4	8	9		
1, 3, 4, 4, 8, 9	median = 4	distance	3.8	1.8	0.8	0.8	3.2	4.2		
Q1 = 3	I.Q.R. = 5									
Q3 = 8	M.A.D. = 2.4									
3) 3, 6, 6, 2, 7, 3	mean = 4.5	Number	2	3	3	6	6	7		
2, 3, 3, 6, 6, 7	median = 4.5	distance	2.5	1.5	1.5	1.5	1.5	2.5		
Q1 = 3	I.Q.R. = 3									
Q3 = 6	M.A.D. = 1.8									
4) 6, 7, 5, 9, 2, 6, 7	mean = 6	Number	2	5	6	6	7	7	9	
2, 5, 6, 6, 7, 7, 9	median = 6	distance	4	1	0	0	1	1	3	
Q1 = 5	I.Q.R. = 2									
Q3 = 7	M.A.D. = 1.4									
5) 7, 1, 6, 9, 8, 8, 8	mean = 6.7	Number	1	6	7	8	8	8	9	
1, 6, 7, 8, 8, 8, 9	median = 8	distance	5.7	0.7	0.3	1.3	1.3	1.3	2.3	
Q1 = 6	I.Q.R. = 2									
Q3 = 8	M.A.D. = 1.8									
6) 3, 7, 9, 8, 3, 6, 4, 7	mean = 5.9	Number	3	3	4	6	7	7	8	9
3, 3, 4, 6, 7, 7, 8, 9	median = 6.5	distance	2.9	2.9	1.9	0.1	1.1	1.1	2.1	3.1
Q1 = 3.5	I.Q.R. = 4									
Q3 = 7.5	M.A.D. = 1.9									
7) 2, 7, 6, 5, 9, 4, 2, 8	mean = 5.4	Number	2	2	4	5	6	7	8	9
2, 2, 4, 5, 6, 7, 8, 9	median = 5.5	distance	3.4	3.4	1.4	0.4	0.6	1.6	2.6	3.6
Q1 = 3	I.Q.R. = 4.5									
Q3 = 7.5	M.A.D. = 2.1									

Answers

Ex.	<u>4.8</u>	<u>5</u>	<u>4.5</u>	<u>1.8</u>
1.	<u>4</u>	<u>3</u>	<u>6.5</u>	<u>2.8</u>
2.	<u>4.8</u>	<u>4</u>	<u>5</u>	<u>2.4</u>
3.	<u>4.5</u>	<u>4.5</u>	<u>3</u>	<u>1.8</u>
4.	<u>6</u>	<u>6</u>	<u>2</u>	<u>1.4</u>
5.	<u>6.7</u>	<u>8</u>	<u>2</u>	<u>1.8</u>
6.	<u>5.9</u>	<u>6.5</u>	<u>4</u>	<u>1.9</u>
7.	<u>5.4</u>	<u>5.5</u>	<u>4.5</u>	<u>2.1</u>