



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

Answers

Ex) 2, 8, 1, 5, 8
 1, 2, 5, 8, 8
 Q1 = 1.5
 Q3 = 8

mean = 4.8
 median = 5
 I.Q.R. = 6.5
 M.A.D. = 2.6

Number 1 2 5 8 8
 distance 3.8 2.8 0.2 3.2 3.2

Ex. 4.8 5 6.5 2.6

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 8, 9, 8, 4, 8

2) 8, 5, 6, 5, 2, 9

3) 9, 7, 1, 3, 5, 3

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

5) 6, 3, 6, 8, 2, 9, 1

6) 2, 1, 4, 3, 4, 7, 5,
7

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



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

Ex) 2, 8, 1, 5, 8	mean = 4.8	Number	1	2	5	8	8			
1, 2, 5, 8, 8	median = 5	distance	3.8	2.8	0.2	3.2	3.2			
Q1 = 1.5	I.Q.R. = 6.5									
Q3 = 8	M.A.D. = 2.6									
1) 8, 9, 8, 4, 8	mean = 7.4	Number	4	8	8	8	9			
4, 8, 8, 8, 9	median = 8	distance	3.4	0.6	0.6	0.6	1.6			
Q1 = 6	I.Q.R. = 2.5									
Q3 = 8.5	M.A.D. = 1.4									
2) 8, 5, 6, 5, 2, 9	mean = 5.8	Number	2	5	5	6	8	9		
2, 5, 5, 6, 8, 9	median = 5.5	distance	3.8	0.8	0.8	0.2	2.2	3.2		
Q1 = 5	I.Q.R. = 3									
Q3 = 8	M.A.D. = 1.8									
3) 9, 7, 1, 3, 5, 3	mean = 4.7	Number	1	3	3	5	7	9		
1, 3, 3, 5, 7, 9	median = 4	distance	3.7	1.7	1.7	0.3	2.3	4.3		
Q1 = 3	I.Q.R. = 4									
Q3 = 7	M.A.D. = 2.3									
4) 2, 1, 2, 9, 8, 9, 6	mean = 5.3	Number	1	2	2	6	8	9	9	
1, 2, 2, 6, 8, 9, 9	median = 6	distance	4.3	3.3	3.3	0.7	2.7	3.7	3.7	
Q1 = 2	I.Q.R. = 7									
Q3 = 9	M.A.D. = 3.1									
5) 6, 3, 6, 8, 2, 9, 1	mean = 5	Number	1	2	3	6	6	8	9	
1, 2, 3, 6, 6, 8, 9	median = 6	distance	4	3	2	1	1	3	4	
Q1 = 2	I.Q.R. = 6									
Q3 = 8	M.A.D. = 2.6									
6) 2, 1, 4, 3, 4, 7, 5, 7	mean = 4.1	Number	1	2	3	4	4	5	7	7
1, 2, 3, 4, 4, 5, 7, 7	median = 4	distance	3.1	2.1	1.1	0.1	0.1	0.9	2.9	2.9
Q1 = 2.5	I.Q.R. = 3.5									
Q3 = 6	M.A.D. = 1.7									
7) 2, 2, 6, 3, 7, 2, 7, 9	mean = 4.8	Number	2	2	2	3	6	7	7	9
2, 2, 2, 3, 6, 7, 7, 9	median = 4.5	distance	2.8	2.8	2.8	1.8	1.2	2.2	2.2	4.2
Q1 = 2	I.Q.R. = 5									
Q3 = 7	M.A.D. = 2.5									

Answers

Ex.	<u>4.8</u>	<u>5</u>	<u>6.5</u>	<u>2.6</u>
1.	<u>7.4</u>	<u>8</u>	<u>2.5</u>	<u>1.4</u>
2.	<u>5.8</u>	<u>5.5</u>	<u>3</u>	<u>1.8</u>
3.	<u>4.7</u>	<u>4</u>	<u>4</u>	<u>2.3</u>
4.	<u>5.3</u>	<u>6</u>	<u>7</u>	<u>3.1</u>
5.	<u>5</u>	<u>6</u>	<u>6</u>	<u>2.6</u>
6.	<u>4.1</u>	<u>4</u>	<u>3.5</u>	<u>1.7</u>
7.	<u>4.8</u>	<u>4.5</u>	<u>5</u>	<u>2.5</u>