



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

Answers

Ex) 5, 7, 3, 1, 5
1, 3, 5, 5, 7
Q1 = 2
Q3 = 6

mean = 4.2 Number 1 3 5 5 7
median = 5 distance 3.2 1.2 0.8 0.8 2.8
I.Q.R. = 4
M.A.D. = 1.8

Ex. 4.2 5 4 1.8

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 9, 1, 6, 1, 8

2) 4, 9, 6, 4, 9, 4

3) 2, 6, 1, 8, 4, 2

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

5) 7, 6, 6, 8, 2, 8, 1

6) 2, 3, 2, 4, 4, 8, 7,
9

7) 1, 5, 8, 5, 2, 7, 6,
2



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

Ex) 5, 7, 3, 1, 5	mean = 4.2	Number	1	3	5	5	7			
1, 3, 5, 5, 7	median = 5	distance	3.2	1.2	0.8	0.8	2.8			
Q1 = 2	I.Q.R. = 4									
Q3 = 6	M.A.D. = 1.8									
1) 9, 1, 6, 1, 8	mean = 5	Number	1	1	6	8	9			
1, 1, 6, 8, 9	median = 6	distance	4	4	1	3	4			
Q1 = 1	I.Q.R. = 7.5									
Q3 = 8.5	M.A.D. = 3.2									
2) 4, 9, 6, 4, 9, 4	mean = 6	Number	4	4	4	6	9	9		
4, 4, 4, 6, 9, 9	median = 5	distance	2	2	2	0	3	3		
Q1 = 4	I.Q.R. = 5									
Q3 = 9	M.A.D. = 2									
3) 2, 6, 1, 8, 4, 2	mean = 3.8	Number	1	2	2	4	6	8		
1, 2, 2, 4, 6, 8	median = 3	distance	2.8	1.8	1.8	0.2	2.2	4.2		
Q1 = 2	I.Q.R. = 4									
Q3 = 6	M.A.D. = 2.2									
4) 8, 6, 8, 9, 9, 4, 7	mean = 7.3	Number	4	6	7	8	8	9	9	
4, 6, 7, 8, 8, 9, 9	median = 8	distance	3.3	1.3	0.3	0.7	0.7	1.7	1.7	
Q1 = 6	I.Q.R. = 3									
Q3 = 9	M.A.D. = 1.4									
5) 7, 6, 6, 8, 2, 8, 1	mean = 5.4	Number	1	2	6	6	7	8	8	
1, 2, 6, 6, 7, 8, 8	median = 6	distance	4.4	3.4	0.6	0.6	1.6	2.6	2.6	
Q1 = 2	I.Q.R. = 6									
Q3 = 8	M.A.D. = 2.3									
6) 2, 3, 2, 4, 4, 8, 7, 9	mean = 4.9	Number	2	2	3	4	4	7	8	9
2, 2, 3, 4, 4, 7, 8, 9	median = 4	distance	2.9	2.9	1.9	0.9	0.9	2.1	3.1	4.1
Q1 = 2.5	I.Q.R. = 5									
Q3 = 7.5	M.A.D. = 2.4									
7) 1, 5, 8, 5, 2, 7, 6, 2	mean = 4.5	Number	1	2	2	5	5	6	7	8
1, 2, 2, 5, 5, 6, 7, 8	median = 5	distance	3.5	2.5	2.5	0.5	0.5	1.5	2.5	3.5
Q1 = 2	I.Q.R. = 4.5									
Q3 = 6.5	M.A.D. = 2.1									

Answers

Ex.	<u>4.2</u>	<u>5</u>	<u>4</u>	<u>1.8</u>
1.	<u>5</u>	<u>6</u>	<u>7.5</u>	<u>3.2</u>
2.	<u>6</u>	<u>5</u>	<u>5</u>	<u>2</u>
3.	<u>3.8</u>	<u>3</u>	<u>4</u>	<u>2.2</u>
4.	<u>7.3</u>	<u>8</u>	<u>3</u>	<u>1.4</u>
5.	<u>5.4</u>	<u>6</u>	<u>6</u>	<u>2.3</u>
6.	<u>4.9</u>	<u>4</u>	<u>5</u>	<u>2.4</u>
7.	<u>4.5</u>	<u>5</u>	<u>4.5</u>	<u>2.1</u>