



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

Answers

Ex) 9, 9, 4, 5, 6 mean = 6.6 Number 4 5 6 9 9
4, 5, 6, 9, 9 median = 6 distance 2.6 1.6 0.6 2.4 2.4
Q1 = 4.5 I.Q.R. = 4.5
Q3 = 9 M.A.D. = 1.9

Ex. 6.6 6 4.5 1.9

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 9, 6, 3, 8, 2

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

3) 9, 5, 4, 3, 4, 4

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

5) 2, 5, 7, 3, 2, 7, 5

6) 5, 1, 2, 4, 6, 4, 8,
3

7) 4, 1, 8, 5, 3, 1, 6,
4



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Answers

Ex)	9, 9, 4, 5, 6 4, 5, 6, 9, 9 Q1 = 4.5 Q3 = 9	mean = 6.6 median = 6 I.Q.R. = 4.5 M.A.D. = 1.9	Number	4	5	6	9	9			
			distance	2.6	1.6	0.6	2.4	2.4			
1)	9, 6, 3, 8, 2 2, 3, 6, 8, 9 Q1 = 2.5 Q3 = 8.5	mean = 5.6 median = 6 I.Q.R. = 6 M.A.D. = 2.5	Number	2	3	6	8	9			
			distance	3.6	2.6	0.4	2.4	3.4			
2)	3, 6, 2, 7, 4, 1 1, 2, 3, 4, 6, 7 Q1 = 2 Q3 = 6	mean = 3.8 median = 3.5 I.Q.R. = 4 M.A.D. = 1.8	Number	1	2	3	4	6	7		
			distance	2.8	1.8	0.8	0.2	2.2	3.2		
3)	9, 5, 4, 3, 4, 4 3, 4, 4, 4, 5, 9 Q1 = 4 Q3 = 5	mean = 4.8 median = 4 I.Q.R. = 1 M.A.D. = 1.4	Number	3	4	4	4	5	9		
			distance	1.8	0.8	0.8	0.8	0.2	4.2		
4)	7, 1, 5, 4, 2, 6, 4 1, 2, 4, 4, 5, 6, 7 Q1 = 2 Q3 = 6	mean = 4.1 median = 4 I.Q.R. = 4 M.A.D. = 1.6	Number	1	2	4	4	5	6	7	
			distance	3.1	2.1	0.1	0.1	0.9	1.9	2.9	
5)	2, 5, 7, 3, 2, 7, 5 2, 2, 3, 5, 5, 7, 7 Q1 = 2 Q3 = 7	mean = 4.4 median = 5 I.Q.R. = 5 M.A.D. = 1.8	Number	2	2	3	5	5	7	7	
			distance	2.4	2.4	1.4	0.6	0.6	2.6	2.6	
6)	5, 1, 2, 4, 6, 4, 8, 3 1, 2, 3, 4, 4, 5, 6, 8 Q1 = 2.5 Q3 = 5.5	mean = 4.1 median = 4 I.Q.R. = 3 M.A.D. = 1.7	Number	1	2	3	4	4	5	6	8
			distance	3.1	2.1	1.1	0.1	0.1	0.9	1.9	3.9
7)	4, 1, 8, 5, 3, 1, 6, 4 1, 1, 3, 4, 4, 5, 6, 8 Q1 = 2 Q3 = 5.5	mean = 4 median = 4 I.Q.R. = 3.5 M.A.D. = 1.8	Number	1	1	3	4	4	5	6	8
			distance	3	3	1	0	0	1	2	4

Ex.	<u>6.6</u>	<u>6</u>	<u>4.5</u>	<u>1.9</u>
1.	<u>5.6</u>	<u>6</u>	<u>6</u>	<u>2.5</u>
2.	<u>3.8</u>	<u>3.5</u>	<u>4</u>	<u>1.8</u>
3.	<u>4.8</u>	<u>4</u>	<u>1</u>	<u>1.4</u>
4.	<u>4.1</u>	<u>4</u>	<u>4</u>	<u>1.6</u>
5.	<u>4.4</u>	<u>5</u>	<u>5</u>	<u>1.8</u>
6.	<u>4.1</u>	<u>4</u>	<u>3</u>	<u>1.7</u>
7.	<u>4</u>	<u>4</u>	<u>3.5</u>	<u>1.8</u>