



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

Ex) 6, 1, 7, 3, 2
 1, 2, 3, 6, 7
 Q1 = 1.5
 Q3 = 6.5

mean = 3.8
 median = 3
 I.Q.R. = 5
 M.A.D. = 2.2

Number	1	2	3	6	7
Distance	2.8	1.8	0.8	2.2	3.2

Answers

Ex. 3.8 3 5 2.2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 5, 4, 8, 5, 9

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

3) 5, 5, 9, 9, 1, 2

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

5) 7, 2, 5, 3, 2, 9, 3

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

7) 5, 4, 3, 7, 9, 6, 2, 7



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Number	1	2	3	6	7
Distance	2.8	1.8	0.8	2.2	3.2

1) 5, 4, 8, 5, 9
4, 5, 5, 8, 9
Q1 = 4.5
Q3 = 8.5

mean = 6.2
median = 5
I.Q.R. = 4
M.A.D. = 1.8

Number	4	5	5	8	9
Distance	2.2	1.2	1.2	1.8	2.8

2) 1, 8, 8, 1, 9, 3
1, 1, 3, 8, 8, 9
Q1 = 1
Q3 = 8

mean = 5
median = 5.5
I.Q.R. = 7
M.A.D. = 3.3

Number	1	1	3	8	8	9
Distance	4	4	2	3	3	4

3) 5, 5, 9, 9, 1, 2
1, 2, 5, 5, 9, 9
Q1 = 2
Q3 = 9

mean = 5.2
median = 5
I.Q.R. = 7
M.A.D. = 2.6

Number	1	2	5	5	9	9
Distance	4.2	3.2	0.2	0.2	3.8	3.8

4) 6, 6, 1, 6, 4, 8, 3
1, 3, 4, 6, 6, 6, 8
Q1 = 3
Q3 = 6

mean = 4.9
median = 6
I.Q.R. = 3
M.A.D. = 1.9

Number	1	3	4	6	6	6	8
Distance	3.9	1.9	0.9	1.1	1.1	1.1	3.1

5) 7, 2, 5, 3, 2, 9, 3
2, 2, 3, 3, 5, 7, 9
Q1 = 2
Q3 = 7

mean = 4.4
median = 3
I.Q.R. = 5
M.A.D. = 2.2

Number	2	2	3	3	5	7	9
Distance	2.4	2.4	1.4	1.4	0.6	2.6	4.6

6) 6, 4, 2, 4, 8, 6, 4, 1
1, 2, 4, 4, 4, 6, 6, 8
Q1 = 3
Q3 = 6

mean = 4.4
median = 4
I.Q.R. = 3
M.A.D. = 1.7

Number	1	2	4	4	4	6	6	8
Distance	3.4	2.4	0.4	0.4	0.4	1.6	1.6	3.6

7) 5, 4, 3, 7, 9, 6, 2, 7
2, 3, 4, 5, 6, 7, 7, 9
Q1 = 3.5
Q3 = 7

mean = 5.4
median = 5.5
I.Q.R. = 3.5
M.A.D. = 1.9

Number	2	3	4	5	6	7	7	9
Distance	3.4	2.4	1.4	0.4	0.6	1.6	1.6	3.6

Answers

Ex. 3.8 3 5 2.2

1. 6.2 5 4 1.8

2. 5 5.5 7 3.3

3. 5.2 5 7 2.6

4. 4.9 6 3 1.9

5. 4.4 3 5 2.2

6. 4.4 4 3 1.7

7. 5.4 5.5 3.5 1.9