



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

Ex) 6, 9, 8, 6, 8
 6, 6, 8, 8, 9
 Q1 = 6
 Q3 = 8.5

Mean = 7.4

Median = 8

I.Q.R. = 2.5

M.A.D. = 1.1

Number	6	6	8	8	9
Distance	1.4	1.4	0.6	0.6	1.6

Answers

Ex. 7.4 8 2.5 1.1

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 8, 1, 5, 9, 8

2) 8, 8, 5, 6, 4, 2

3) 6, 3, 6, 3, 9, 6

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

5) 7, 4, 2, 3, 4, 7, 5

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

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



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Number	6	6	8	8	9
Distance	1.4	1.4	0.6	0.6	1.6

Ex. 7.4 8 2.5 1.1

1) 8, 1, 5, 9, 8
1, 5, 8, 8, 9
Q1 = 3
Q3 = 8.5

Mean = 6.2
Median = 8
I.Q.R. = 5.5
M.A.D. = 2.6

Number	1	5	8	8	9
Distance	5.2	1.2	1.8	1.8	2.8

1. 6.2 8 5.5 2.6

2) 8, 8, 5, 6, 4, 2
2, 4, 5, 6, 8, 8
Q1 = 4
Q3 = 8

Mean = 5.5
Median = 5.5
I.Q.R. = 4
M.A.D. = 1.8

Number	2	4	5	6	8	8
Distance	3.5	1.5	0.5	0.5	2.5	2.5

2. 5.5 5.5 4 1.8

3) 6, 3, 6, 3, 9, 6
3, 3, 6, 6, 6, 9
Q1 = 3
Q3 = 6

Mean = 5.5
Median = 6
I.Q.R. = 3
M.A.D. = 1.7

Number	3	3	6	6	6	9
Distance	2.5	2.5	0.5	0.5	0.5	3.5

3. 5.5 6 3 1.7

4) 8, 7, 5, 8, 9, 6, 8
5, 6, 7, 8, 8, 8, 9
Q1 = 6
Q3 = 8

Mean = 7.3
Median = 8
I.Q.R. = 2
M.A.D. = 1.1

Number	5	6	7	8	8	8	9
Distance	2.3	1.3	0.3	0.7	0.7	0.7	1.7

4. 7.3 8 2 1.1

5) 7, 4, 2, 3, 4, 7, 5
2, 3, 4, 4, 5, 7, 7
Q1 = 3
Q3 = 7

Mean = 4.6
Median = 4
I.Q.R. = 4
M.A.D. = 1.5

Number	2	3	4	4	5	7	7
Distance	2.6	1.6	0.6	0.6	0.4	2.4	2.4

5. 4.6 4 4 1.5

6) 2, 6, 5, 1, 6, 6, 5, 7
1, 2, 5, 5, 6, 6, 6, 7
Q1 = 3.5
Q3 = 6

Mean = 4.8
Median = 5.5
I.Q.R. = 2.5
M.A.D. = 1.6

Number	1	2	5	5	6	6	6	7
Distance	3.8	2.8	0.2	0.2	1.2	1.2	1.2	2.2

6. 4.8 5.5 2.5 1.6

7) 4, 1, 2, 2, 4, 3, 2, 2
1, 2, 2, 2, 2, 3, 4, 4
Q1 = 2
Q3 = 3.5

Mean = 2.5
Median = 2
I.Q.R. = 1.5
M.A.D. = 0.9

Number	1	2	2	2	2	3	4	4
Distance	1.5	0.5	0.5	0.5	0.5	0.5	1.5	1.5

7. 2.5 2 1.5 0.9