



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, 6, 8, 7
 6, 6, 7, 8, 9
 Q1 = 6
 Q3 = 8.5

Mean = 7.2

Median = 7

I.Q.R. = 2.5

M.A.D. = 1

Number	6	6	7	8	9
Distance	1.2	1.2	0.2	0.8	1.8

Answers

Ex. 7.2 7 2.5 1

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 1, 2, 1, 4, 2

2) 9, 5, 1, 2, 2, 7

3) 3, 4, 1, 9, 3, 6

4) 8, 7, 8, 3, 7, 2, 3

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

6) 6, 6, 9, 5, 6, 3, 4, 4

7) 2, 6, 9, 8, 2, 8, 1, 9



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Number	6	6	7	8	9
Distance	1.2	1.2	0.2	0.8	1.8

Ex. 7.2 7 2.5 1

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

Mean = 2
Median = 2
I.Q.R. = 2
M.A.D. = 0.8

Number	1	1	2	2	4
Distance	1	1	0	0	2

1. 2 2 2 0.8

2) 9, 5, 1, 2, 2, 7
1, 2, 2, 5, 7, 9
Q1 = 2
Q3 = 7

Mean = 4.3
Median = 3.5
I.Q.R. = 5
M.A.D. = 2.7

Number	1	2	2	5	7	9
Distance	3.3	2.3	2.3	0.7	2.7	4.7

2. 4.3 3.5 5 2.7

3) 3, 4, 1, 9, 3, 6
1, 3, 3, 4, 6, 9
Q1 = 3
Q3 = 6

Mean = 4.3
Median = 3.5
I.Q.R. = 3
M.A.D. = 2.1

Number	1	3	3	4	6	9
Distance	3.3	1.3	1.3	0.3	1.7	4.7

3. 4.3 3.5 3 2.1

4) 8, 7, 8, 3, 7, 2, 3
2, 3, 3, 7, 7, 8, 8
Q1 = 3
Q3 = 8

Mean = 5.4
Median = 7
I.Q.R. = 5
M.A.D. = 2.4

Number	2	3	3	7	7	8	8
Distance	3.4	2.4	2.4	1.6	1.6	2.6	2.6

4. 5.4 7 5 2.4

5) 2, 8, 7, 1, 7, 6, 7
1, 2, 6, 7, 7, 7, 8
Q1 = 2
Q3 = 7

Mean = 5.4
Median = 7
I.Q.R. = 5
M.A.D. = 2.3

Number	1	2	6	7	7	7	8
Distance	4.4	3.4	0.6	1.6	1.6	1.6	2.6

5. 5.4 7 5 2.3

6) 6, 6, 9, 5, 6, 3, 4, 4
3, 4, 4, 5, 6, 6, 6, 9
Q1 = 4
Q3 = 6

Mean = 5.4
Median = 5.5
I.Q.R. = 2
M.A.D. = 1.4

Number	3	4	4	5	6	6	6	9
Distance	2.4	1.4	1.4	0.4	0.6	0.6	0.6	3.6

6. 5.4 5.5 2 1.4

7) 2, 6, 9, 8, 2, 8, 1, 9
1, 2, 2, 6, 8, 8, 9, 9
Q1 = 2
Q3 = 8.5

Mean = 5.6
Median = 7
I.Q.R. = 6.5
M.A.D. = 3

Number	1	2	2	6	8	8	9	9
Distance	4.6	3.6	3.6	0.4	2.4	2.4	3.4	3.4

7. 5.6 7 6.5 3