



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

Answers

Ex) 3, 4, 8, 7, 2
2, 3, 4, 7, 8
Q1 = 2.5
Q3 = 7.5

Mean = 4.8

Median = 4

I.Q.R. = 5

Number	2	3	4	7	8
Distance	2.8	1.8	0.8	2.2	3.2

M.A.D. = 2.2

Ex. 4.8 4 5 2.2

1) 7, 9, 1, 4, 9

1. _____

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

2. _____

3) 9, 5, 6, 3, 1, 8

3. _____

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

4. _____

5) 1, 1, 4, 8, 9, 3, 8

5. _____

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

6. _____

7) 7, 6, 8, 6, 7, 5, 7, 3

7. _____



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Number	2	3	4	7	8
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Ex. 4.8 4 5 2.2

1) 7, 9, 1, 4, 9
1, 4, 7, 9, 9
Q1 = 2.5
Q3 = 9

Mean = 6

Median = 7

I.Q.R. = 6.5

M.A.D. = 2.8

Number	1	4	7	9	9
Distance	5	2	1	3	3

1. 6 7 6.5 2.8

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

Mean = 3.7

Median = 3

I.Q.R. = 4

M.A.D. = 1.9

Number	1	2	3	3	6	7
Distance	2.7	1.7	0.7	0.7	2.3	3.3

2. 3.7 3 4 1.9

3) 9, 5, 6, 3, 1, 8
1, 3, 5, 6, 8, 9
Q1 = 3
Q3 = 8

Mean = 5.3

Median = 5.5

I.Q.R. = 5

M.A.D. = 2.3

Number	1	3	5	6	8	9
Distance	4.3	2.3	0.3	0.7	2.7	3.7

3. 5.3 5.5 5 2.3

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

Mean = 8

Median = 8

I.Q.R. = 2

M.A.D. = 0.9

Number	6	7	8	8	9	9	9
Distance	2	1	0	0	1	1	1

4. 8 8 2 0.9

5) 1, 1, 4, 8, 9, 3, 8
1, 1, 3, 4, 8, 8, 9
Q1 = 1
Q3 = 8

Mean = 4.9

Median = 4

I.Q.R. = 7

M.A.D. = 3

Number	1	1	3	4	8	8	9
Distance	3.9	3.9	1.9	0.9	3.1	3.1	4.1

5. 4.9 4 7 3

6) 6, 7, 2, 1, 5, 2, 1, 6
1, 1, 2, 2, 5, 6, 6, 7
Q1 = 1.5
Q3 = 6

Mean = 3.8

Median = 3.5

I.Q.R. = 4.5

M.A.D. = 2.3

Number	1	1	2	2	5	6	6	7
Distance	2.8	2.8	1.8	1.8	1.2	2.2	2.2	3.2

6. 3.8 3.5 4.5 2.3

7) 7, 6, 8, 6, 7, 5, 7, 3
3, 5, 6, 6, 7, 7, 7, 8
Q1 = 5.5
Q3 = 7

Mean = 6.1

Median = 6.5

I.Q.R. = 1.5

M.A.D. = 1.1

Number	3	5	6	6	7	7	7	8
Distance	3.1	1.1	0.1	0.1	0.9	0.9	0.9	1.9

7. 6.1 6.5 1.5 1.1