



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

Ex) 7, 5, 9, 2, 8
 2, 5, 7, 8, 9
 Q1 = 3.5
 Q3 = 8.5

mean = 6.2
 median = 7
 I.Q.R. = 5
 M.A.D. = 2.2

Number	2	5	7	8	9
Distance	4.2	1.2	0.8	1.8	2.8

Answers

Ex. 6.2 7 5 2.2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 8, 8, 3, 3, 7

2) 5, 1, 9, 4, 6, 2

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

4) 7, 5, 8, 8, 8, 8, 8

5) 2, 7, 7, 8, 2, 7, 9

6) 3, 8, 7, 2, 4, 8, 3, 4

7) 8, 4, 6, 6, 8, 2, 6, 5



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Number	2	5	7	8	9
Distance	4.2	1.2	0.8	1.8	2.8

1) 8, 8, 3, 3, 7
3, 3, 7, 8, 8
Q1 = 3
Q3 = 8

mean = 5.8
median = 7
I.Q.R. = 5
M.A.D. = 2.2

Number	3	3	7	8	8
Distance	2.8	2.8	1.2	2.2	2.2

2) 5, 1, 9, 4, 6, 2
1, 2, 4, 5, 6, 9
Q1 = 2
Q3 = 6

mean = 4.5
median = 4.5
I.Q.R. = 4
M.A.D. = 2.2

Number	1	2	4	5	6	9
Distance	3.5	2.5	0.5	0.5	1.5	4.5

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

mean = 5
median = 4
I.Q.R. = 6
M.A.D. = 2.7

Number	1	3	3	5	9	9
Distance	4	2	2	0	4	4

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

mean = 7.4
median = 8
I.Q.R. = 1
M.A.D. = 0.8

Number	5	7	8	8	8	8	8
Distance	2.4	0.4	0.6	0.6	0.6	0.6	0.6

5) 2, 7, 7, 8, 2, 7, 9
2, 2, 7, 7, 7, 8, 9
Q1 = 2
Q3 = 8

mean = 6
median = 7
I.Q.R. = 6
M.A.D. = 2.3

Number	2	2	7	7	7	8	9
Distance	4	4	1	1	1	2	3

6) 3, 8, 7, 2, 4, 8, 3, 4
2, 3, 3, 4, 4, 7, 8, 8
Q1 = 3
Q3 = 7.5

mean = 4.9
median = 4
I.Q.R. = 4.5
M.A.D. = 2.1

Number	2	3	3	4	4	7	8	8
Distance	2.9	1.9	1.9	0.9	0.9	2.1	3.1	3.1

7) 8, 4, 6, 6, 8, 2, 6, 5
2, 4, 5, 6, 6, 6, 8, 8
Q1 = 4.5
Q3 = 7

mean = 5.6
median = 6
I.Q.R. = 2.5
M.A.D. = 1.5

Number	2	4	5	6	6	6	8	8
Distance	3.6	1.6	0.6	0.4	0.4	0.4	2.4	2.4

Answers

Ex. 6.2 7 5 2.2
1. 5.8 7 5 2.2
2. 4.5 4.5 4 2.2
3. 5 4 6 2.7
4. 7.4 8 1 0.8
5. 6 7 6 2.3
6. 4.9 4 4.5 2.1
7. 5.6 6 2.5 1.5