



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

Ex) 3, 7, 5, 6, 6
 3, 5, 6, 6, 7
 Q1 = 4
 Q3 = 6.5

mean = 5.4
 median = 6
 I.Q.R. = 2.5
 M.A.D. = 1.1

Number	3	5	6	6	7
Distance	2.4	0.4	0.6	0.6	1.6

Answers

Ex. 5.4 6 2.5 1.1

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____

1) 6, 8, 1, 2, 7

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

3) 6, 5, 1, 1, 8, 4

4) 2, 5, 4, 5, 2, 1, 4

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

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

7) 5, 8, 1, 1, 7, 5, 3, 2



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Number	3	5	6	6	7
Distance	2.4	0.4	0.6	0.6	1.6

1) 6, 8, 1, 2, 7
1, 2, 6, 7, 8
Q1 = 1.5
Q3 = 7.5

mean = 4.8
median = 6
I.Q.R. = 6
M.A.D. = 2.6

Number	1	2	6	7	8
Distance	3.8	2.8	1.2	2.2	3.2

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

mean = 6.5
median = 7
I.Q.R. = 1
M.A.D. = 1

Number	4	6	7	7	7	8
Distance	2.5	0.5	0.5	0.5	0.5	1.5

3) 6, 5, 1, 1, 8, 4
1, 1, 4, 5, 6, 8
Q1 = 1
Q3 = 6

mean = 4.2
median = 4.5
I.Q.R. = 5
M.A.D. = 2.2

Number	1	1	4	5	6	8
Distance	3.2	3.2	0.2	0.8	1.8	3.8

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

mean = 3.3
median = 4
I.Q.R. = 3
M.A.D. = 1.4

Number	1	2	2	4	4	5	5
Distance	2.3	1.3	1.3	0.7	0.7	1.7	1.7

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

mean = 5.9
median = 5
I.Q.R. = 6
M.A.D. = 2.7

Number	1	3	5	5	9	9	9
Distance	4.9	2.9	0.9	0.9	3.1	3.1	3.1

6) 4, 2, 4, 6, 1, 2, 9, 5
1, 2, 2, 4, 4, 5, 6, 9
Q1 = 2
Q3 = 5.5

mean = 4.1
median = 4
I.Q.R. = 3.5
M.A.D. = 1.9

Number	1	2	2	4	4	5	6	9
Distance	3.1	2.1	2.1	0.1	0.1	0.9	1.9	4.9

7) 5, 8, 1, 1, 7, 5, 3, 2
1, 1, 2, 3, 5, 5, 7, 8
Q1 = 1.5
Q3 = 6

mean = 4
median = 4
I.Q.R. = 4.5
M.A.D. = 2.3

Number	1	1	2	3	5	5	7	8
Distance	3	3	2	1	1	1	3	4

Answers

Ex. 5.4 6 2.5 1.1
1. 4.8 6 6 2.6
2. 6.5 7 1 1
3. 4.2 4.5 5 2.2
4. 3.3 4 3 1.4
5. 5.9 5 6 2.7
6. 4.1 4 3.5 1.9
7. 4 4 4.5 2.3