



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

Ex) 3, 5, 5, 6, 3
 3, 3, 5, 5, 6
 Q1 = 3
 Q3 = 5.5

Mean = 4.4

Median = 5

I.Q.R. = 2.5

Number	3	3	5	5	6
Distance	1.4	1.4	0.6	0.6	1.6

M.A.D. = 1.1

1) 2, 1, 7, 5, 5

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

3) 2, 2, 1, 7, 8, 9

4) 5, 6, 8, 3, 5, 2, 8

5) 4, 1, 7, 4, 4, 7, 9

6) 1, 7, 6, 1, 6, 4, 4, 8

7) 3, 9, 2, 3, 1, 1, 4, 4

Answers

Ex. 4.4 5 2.5 1.1

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



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, 5, 5, 6, 3
3, 3, 5, 5, 6
Q1 = 3
Q3 = 5.5

Mean = 4.4	Number	3	3	5	5	6
Median = 5	Distance	1.4	1.4	0.6	0.6	1.6
I.Q.R. = 2.5						
M.A.D. = 1.1						

Ex. 4.4 5 2.5 1.1

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

Mean = 4	Number	1	2	5	5	7
Median = 5	Distance	3	2	1	1	3
I.Q.R. = 4.5						
M.A.D. = 2						

1. 4 5 4.5 2

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

Mean = 6.2	Number	2	5	7	7	8	8
Median = 7	Distance	4.2	1.2	0.8	0.8	1.8	1.8
I.Q.R. = 3							
M.A.D. = 1.8							

2. 6.2 7 3 1.8

3) 2, 2, 1, 7, 8, 9
1, 2, 2, 7, 8, 9
Q1 = 2
Q3 = 8

Mean = 4.8	Number	1	2	2	7	8	9
Median = 4.5	Distance	3.8	2.8	2.8	2.2	3.2	4.2
I.Q.R. = 6							
M.A.D. = 3.2							

3. 4.8 4.5 6 3.2

4) 5, 6, 8, 3, 5, 2, 8
2, 3, 5, 5, 6, 8, 8
Q1 = 3
Q3 = 8

Mean = 5.3	Number	2	3	5	5	6	8	8
Median = 5	Distance	3.3	2.3	0.3	0.3	0.7	2.7	2.7
I.Q.R. = 5								
M.A.D. = 1.8								

4. 5.3 5 5 1.8

5) 4, 1, 7, 4, 4, 7, 9
1, 4, 4, 4, 7, 7, 9
Q1 = 4
Q3 = 7

Mean = 5.1	Number	1	4	4	4	7	7	9
Median = 4	Distance	4.1	1.1	1.1	1.1	1.9	1.9	3.9
I.Q.R. = 3								
M.A.D. = 2.2								

5. 5.1 4 3 2.2

6) 1, 7, 6, 1, 6, 4, 4, 8
1, 1, 4, 4, 6, 6, 7, 8
Q1 = 2.5
Q3 = 6.5

Mean = 4.6	Number	1	1	4	4	6	6	7	8
Median = 5	Distance	3.6	3.6	0.6	0.6	1.4	1.4	2.4	3.4
I.Q.R. = 4									
M.A.D. = 2.1									

6. 4.6 5 4 2.1

7) 3, 9, 2, 3, 1, 1, 4, 4
1, 1, 2, 3, 3, 4, 4, 9
Q1 = 1.5
Q3 = 4

Mean = 3.4	Number	1	1	2	3	3	4	4	9
Median = 3	Distance	2.4	2.4	1.4	0.4	0.4	0.6	0.6	5.6
I.Q.R. = 2.5									
M.A.D. = 1.7									

7. 3.4 3 2.5 1.7