



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

Ex) 5, 9, 2, 5, 7

2, 5, 5, 7, 9

Q1 = 3.5

Q3 = 8

mean = 5.6 Number 2 5 5 7 9

median = 5 distance 3.6 0.6 0.6 1.4 3.4

I.Q.R. = 4.5

M.A.D. = 1.9

Answers

Ex. 5.6 5 4.5 1.9

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 6, 6, 5, 4, 6

2) 3, 7, 9, 7, 8, 6

3) 6, 7, 3, 2, 8, 5

4) 3, 6, 2, 6, 2, 1, 5

5) 9, 6, 1, 2, 9, 8, 8

6) 9, 4, 6, 6, 4, 2, 3,
8

7) 6, 1, 7, 2, 5, 7, 4,
2



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

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

mean = 5.6 Number 2 5 5 7 9
median = 5 distance 3.6 0.6 0.6 1.4 3.4
I.Q.R. = 4.5
M.A.D. = 1.9

1) 6, 6, 5, 4, 6
4, 5, 6, 6, 6
Q1 = 4.5
Q3 = 6

mean = 5.4 Number 4 5 6 6 6
median = 6 distance 1.4 0.4 0.6 0.6 0.6
I.Q.R. = 1.5
M.A.D. = 0.7

2) 3, 7, 9, 7, 8, 6
3, 6, 7, 7, 8, 9
Q1 = 6
Q3 = 8

mean = 6.7 Number 3 6 7 7 8 9
median = 7 distance 3.7 0.7 0.3 0.3 1.3 2.3
I.Q.R. = 2
M.A.D. = 1.4

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

mean = 5.2 Number 2 3 5 6 7 8
median = 5.5 distance 3.2 2.2 0.2 0.8 1.8 2.8
I.Q.R. = 4
M.A.D. = 1.8

4) 3, 6, 2, 6, 2, 1, 5
1, 2, 2, 3, 5, 6, 6
Q1 = 2
Q3 = 6

mean = 3.6 Number 1 2 2 3 5 6 6
median = 3 distance 2.6 1.6 1.6 0.6 1.4 2.4 2.4
I.Q.R. = 4
M.A.D. = 1.8

5) 9, 6, 1, 2, 9, 8, 8
1, 2, 6, 8, 8, 9, 9
Q1 = 2
Q3 = 9

mean = 6.1 Number 1 2 6 8 8 9 9
median = 8 distance 5.1 4.1 0.1 1.9 1.9 2.9 2.9
I.Q.R. = 7
M.A.D. = 2.7

6) 9, 4, 6, 6, 4, 2, 3, 8
2, 3, 4, 4, 6, 6, 8, 9
Q1 = 3.5
Q3 = 7

mean = 5.3 Number 2 3 4 4 6 6 8 9
median = 5 distance 3.3 2.3 1.3 1.3 0.7 0.7 2.7 3.7
I.Q.R. = 3.5
M.A.D. = 2

7) 6, 1, 7, 2, 5, 7, 4, 2
1, 2, 2, 4, 5, 6, 7, 7
Q1 = 2
Q3 = 6.5

mean = 4.3 Number 1 2 2 4 5 6 7 7
median = 4.5 distance 3.3 2.3 2.3 0.3 0.7 1.7 2.7 2.7
I.Q.R. = 4.5
M.A.D. = 2

Answers

Ex. 5.6 5 4.5 1.9

1. 5.4 6 1.5 0.7

2. 6.7 7 2 1.4

3. 5.2 5.5 4 1.8

4. 3.6 3 4 1.8

5. 6.1 8 7 2.7

6. 5.3 5 3.5 2

7. 4.3 4.5 4.5 2