



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

Answers

Ex) 8, 5, 4, 4, 9 mean = 6 Number 4 4 5 8 9
4, 4, 5, 8, 9 median = 5 distance 2 2 1 2 3
Q1 = 4 I.Q.R. = 4.5
Q3 = 8.5 M.A.D. = 2

Ex. 6 5 4.5 2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 6, 5, 4, 3, 2

2) 6, 9, 8, 4, 4, 1

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

4) 3, 1, 6, 8, 7, 6, 5

5) 3, 7, 2, 5, 7, 9, 5

6) 2, 1, 8, 4, 2, 3, 1,
9

7) 9, 6, 6, 7, 7, 1, 4,
1



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Ex) 8, 5, 4, 4, 9

4, 4, 5, 8, 9

Q1 = 4

Q3 = 8.5

mean = 6 Number 4 4 5 8 9

median = 5 distance 2 2 1 2 3

I.Q.R. = 4.5

M.A.D. = 2

Ex. 6 5 4.5 2

1) 6, 5, 4, 3, 2

2, 3, 4, 5, 6

Q1 = 2.5

Q3 = 5.5

mean = 4 Number 2 3 4 5 6

median = 4 distance 2 1 0 1 2

I.Q.R. = 3

M.A.D. = 1.2

1. 4 4 3 1.22. 5.3 5 4 2.33. 4.2 4 5 1.94. 5.1 6 4 1.85. 5.4 5 4 1.9

2) 6, 9, 8, 4, 4, 1

1, 4, 4, 6, 8, 9

Q1 = 4

Q3 = 8

mean = 5.3 Number 1 4 4 6 8 9

median = 5 distance 4.3 1.3 1.3 0.7 2.7 3.7

I.Q.R. = 4

M.A.D. = 2.3

6. 3.8 2.5 4.5 2.57. 5.1 6 4.5 2.4

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

1, 2, 4, 4, 7, 7

Q1 = 2

Q3 = 7

mean = 4.2 Number 1 2 4 4 7 7

median = 4 distance 3.2 2.2 0.2 0.2 2.8 2.8

I.Q.R. = 5

M.A.D. = 1.9

4) 3, 1, 6, 8, 7, 6, 5

1, 3, 5, 6, 6, 7, 8

Q1 = 3

Q3 = 7

mean = 5.1 Number 1 3 5 6 6 7 8

median = 6 distance 4.1 2.1 0.1 0.9 0.9 1.9 2.9

I.Q.R. = 4

M.A.D. = 1.8

5) 3, 7, 2, 5, 7, 9, 5

2, 3, 5, 5, 7, 7, 9

Q1 = 3

Q3 = 7

mean = 5.4 Number 2 3 5 5 7 7 9

median = 5 distance 3.4 2.4 0.4 0.4 1.6 1.6 3.6

I.Q.R. = 4

M.A.D. = 1.9

6) 2, 1, 8, 4, 2, 3, 1, 9

1, 1, 2, 2, 3, 4, 8, 9

Q1 = 1.5

Q3 = 6

mean = 3.8 Number 1 1 2 2 3 4 8 9

median = 2.5 distance 2.8 2.8 1.8 1.8 0.8 0.2 4.2 5.2

I.Q.R. = 4.5

M.A.D. = 2.5

7) 9, 6, 6, 7, 7, 1, 4, 1

1, 1, 4, 6, 6, 7, 7, 9

Q1 = 2.5

Q3 = 7

mean = 5.1 Number 1 1 4 6 6 7 7 9

median = 6 distance 4.1 4.1 1.1 0.9 0.9 1.9 1.9 3.9

I.Q.R. = 4.5

M.A.D. = 2.4