



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

Ex) 6, 4, 1, 9, 2

1, 2, 4, 6, 9

Q1 = 1.5

Q3 = 7.5

mean = 4.4 Number 1 2 4 6 9

median = 4 distance 3.4 2.4 0.4 1.6 4.6

I.Q.R. = 6

M.A.D. = 2.5

Answers

Ex. 4.4 4 6 2.5

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 4, 3, 9, 5, 9

2) 1, 3, 6, 8, 4, 7

3) 6, 1, 1, 6, 5, 9

4) 6, 9, 4, 5, 6, 8, 2

5) 8, 8, 3, 8, 2, 2, 5

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

7) 2, 9, 2, 4, 8, 2, 4,
4



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

Ex) 6, 4, 1, 9, 2

1, 2, 4, 6, 9

Q1 = 1.5

Q3 = 7.5

mean = 4.4 Number 1 2 4 6 9

median = 4 distance 3.4 2.4 0.4 1.6 4.6

I.Q.R. = 6

M.A.D. = 2.5

1) 4, 3, 9, 5, 9

3, 4, 5, 9, 9

Q1 = 3.5

Q3 = 9

mean = 6 Number 3 4 5 9 9

median = 5 distance 3 2 1 3 3

I.Q.R. = 5.5

M.A.D. = 2.4

2) 1, 3, 6, 8, 4, 7

1, 3, 4, 6, 7, 8

Q1 = 3

Q3 = 7

mean = 4.8 Number 1 3 4 6 7 8

median = 5 distance 3.8 1.8 0.8 1.2 2.2 3.2

I.Q.R. = 4

M.A.D. = 2.2

3) 6, 1, 1, 6, 5, 9

1, 1, 5, 6, 6, 9

Q1 = 1

Q3 = 6

mean = 4.7 Number 1 1 5 6 6 9

median = 5.5 distance 3.7 3.7 0.3 1.3 1.3 4.3

I.Q.R. = 5

M.A.D. = 2.4

4) 6, 9, 4, 5, 6, 8, 2

2, 4, 5, 6, 6, 8, 9

Q1 = 4

Q3 = 8

mean = 5.7 Number 2 4 5 6 6 8 9

median = 6 distance 3.7 1.7 0.7 0.3 0.3 2.3 3.3

I.Q.R. = 4

M.A.D. = 1.8

5) 8, 8, 3, 8, 2, 2, 5

2, 2, 3, 5, 8, 8, 8

Q1 = 2

Q3 = 8

mean = 5.1 Number 2 2 3 5 8 8 8

median = 5 distance 3.1 3.1 2.1 0.1 2.9 2.9 2.9

I.Q.R. = 6

M.A.D. = 2.4

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

6

1, 2, 2, 2, 4, 4, 6, 9

Q1 = 2

Q3 = 5

mean = 3.8 Number 1 2 2 2 4 4 6 9

median = 3 distance 2.8 1.8 1.8 1.8 0.2 0.2 2.2 5.2

I.Q.R. = 3

M.A.D. = 2

7) 2, 9, 2, 4, 8, 2, 4,

4

2, 2, 2, 4, 4, 4, 8, 9

Q1 = 2

Q3 = 6

mean = 4.4 Number 2 2 2 4 4 4 8 9

median = 4 distance 2.4 2.4 2.4 0.4 0.4 0.4 3.6 4.6

I.Q.R. = 4

M.A.D. = 2.1

AnswersEx. 4.4 4 6 2.51. 6 5 5.5 2.42. 4.8 5 4 2.23. 4.7 5.5 5 2.44. 5.7 6 4 1.85. 5.1 5 6 2.46. 3.8 3 3 27. 4.4 4 4 2.1