



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, 1, 4, 4, 2

1, 2, 4, 4, 8

Q1 = 1.5

Q3 = 6

mean = 3.8 Number 1 2 4 4 8

median = 4 distance 2.8 1.8 0.2 0.2 4.2

I.Q.R. = 4.5

M.A.D. = 1.8

Ex. 3.8 4 4.5 1.8

1) 4, 5, 6, 6, 5

1. _____

2) 4, 5, 2, 9, 4, 4

2. _____

3) 1, 7, 6, 2, 3, 6

3. _____

4) 6, 2, 7, 6, 6, 9, 9

4. _____

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

5. _____

6) 4, 7, 7, 4, 3, 9, 5,
6

6. _____

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

7. _____



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Ex) 8, 1, 4, 4, 2

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Q1 = 1.5

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mean = 3.8 Number 1 2 4 4 8

median = 4 distance 2.8 1.8 0.2 0.2 4.2

I.Q.R. = 4.5

M.A.D. = 1.8

1) 4, 5, 6, 6, 5

4, 5, 5, 6, 6

Q1 = 4.5

Q3 = 6

mean = 5.2 Number 4 5 5 6 6

median = 5 distance 1.2 0.2 0.2 0.8 0.8

I.Q.R. = 1.5

M.A.D. = 0.6

2) 4, 5, 2, 9, 4, 4

2, 4, 4, 4, 5, 9

Q1 = 4

Q3 = 5

mean = 4.7 Number 2 4 4 4 5 9

median = 4 distance 2.7 0.7 0.7 0.7 0.3 4.3

I.Q.R. = 1

M.A.D. = 1.6

3) 1, 7, 6, 2, 3, 6

1, 2, 3, 6, 6, 7

Q1 = 2

Q3 = 6

mean = 4.2 Number 1 2 3 6 6 7

median = 4.5 distance 3.2 2.2 1.2 1.8 1.8 2.8

I.Q.R. = 4

M.A.D. = 2.2

4) 6, 2, 7, 6, 6, 9, 9

2, 6, 6, 6, 7, 9, 9

Q1 = 6

Q3 = 9

mean = 6.4 Number 2 6 6 6 7 9 9

median = 6 distance 4.4 0.4 0.4 0.4 0.6 2.6 2.6

I.Q.R. = 3

M.A.D. = 1.6

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

1, 2, 2, 2, 3, 5, 6

Q1 = 2

Q3 = 5

mean = 3 Number 1 2 2 2 3 5 6

median = 2 distance 2 1 1 1 0 2 3

I.Q.R. = 3

M.A.D. = 1.4

6) 4, 7, 7, 4, 3, 9, 5,

6

3, 4, 4, 5, 6, 7, 7, 9

Q1 = 4

Q3 = 7

mean = 5.6 Number 3 4 4 5 6 7 7 9

median = 5.5 distance 2.6 1.6 1.6 0.6 0.4 1.4 1.4 3.4

I.Q.R. = 3

M.A.D. = 1.6

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

5

1, 3, 3, 4, 4, 5, 5, 6

Q1 = 3

Q3 = 5

mean = 3.9 Number 1 3 3 4 4 5 5 6

median = 4 distance 2.9 0.9 0.9 0.1 0.1 1.1 1.1 2.1

I.Q.R. = 2

M.A.D. = 1.2

AnswersEx. 3.8 4 4.5 1.81. 5.2 5 1.5 0.62. 4.7 4 1 1.63. 4.2 4.5 4 2.24. 6.4 6 3 1.65. 3 2 3 1.46. 5.6 5.5 3 1.67. 3.9 4 2 1.2