



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

Ex) 5, 1, 2, 3, 4

1, 2, 3, 4, 5

Q1 = 1.5

Q3 = 4.5

mean = 3 Number 1 2 3 4 5

median = 3 distance 2 1 0 1 2

I.Q.R. = 3

M.A.D. = 1.2

Answers

Ex. 3 3 3 1.2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 7, 6, 8, 4, 6

2) 6, 8, 4, 8, 4, 7

3) 6, 9, 6, 1, 3, 4

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

5) 7, 3, 7, 2, 4, 6, 6

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

7) 3, 8, 6, 9, 7, 5, 5,
8



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Ex) 5, 1, 2, 3, 4

1, 2, 3, 4, 5

Q1 = 1.5

Q3 = 4.5

mean = 3 Number 1 2 3 4 5

median = 3 distance 2 1 0 1 2

I.Q.R. = 3

M.A.D. = 1.2

1) 7, 6, 8, 4, 6

4, 6, 6, 7, 8

Q1 = 5

Q3 = 7.5

mean = 6.2 Number 4 6 6 7 8

median = 6 distance 2.2 0.2 0.2 0.8 1.8

I.Q.R. = 2.5

M.A.D. = 1

2) 6, 8, 4, 8, 4, 7

4, 4, 6, 7, 8, 8

Q1 = 4

Q3 = 8

mean = 6.2 Number 4 4 6 7 8 8

median = 6.5 distance 2.2 2.2 0.2 0.8 1.8 1.8

I.Q.R. = 4

M.A.D. = 1.5

3) 6, 9, 6, 1, 3, 4

1, 3, 4, 6, 6, 9

Q1 = 3

Q3 = 6

mean = 4.8 Number 1 3 4 6 6 9

median = 5 distance 3.8 1.8 0.8 1.2 1.2 4.2

I.Q.R. = 3

M.A.D. = 2.2

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

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

Q1 = 2

Q3 = 8

mean = 4.6 Number 2 2 3 4 4 8 9

median = 4 distance 2.6 2.6 1.6 0.6 0.6 3.4 4.4

I.Q.R. = 6

M.A.D. = 2.3

5) 7, 3, 7, 2, 4, 6, 6

2, 3, 4, 6, 6, 7, 7

Q1 = 3

Q3 = 7

mean = 5 Number 2 3 4 6 6 7 7

median = 6 distance 3 2 1 1 1 2 2

I.Q.R. = 4

M.A.D. = 1.7

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

1

1, 1, 2, 3, 4, 6, 6, 8

Q1 = 1.5

Q3 = 6

mean = 3.9 Number 1 1 2 3 4 6 6 8

median = 3.5 distance 2.9 2.9 1.9 0.9 0.1 2.1 2.1 4.1

I.Q.R. = 4.5

M.A.D. = 2.1

7) 3, 8, 6, 9, 7, 5, 5,

8

3, 5, 5, 6, 7, 8, 8, 9

Q1 = 5

Q3 = 8

mean = 6.4 Number 3 5 5 6 7 8 8 9

median = 6.5 distance 3.4 1.4 1.4 0.4 0.6 1.6 1.6 2.6

I.Q.R. = 3

M.A.D. = 1.6

AnswersEx. 3 3 3 1.21. 6.2 6 2.5 12. 6.2 6.5 4 1.53. 4.8 5 3 2.24. 4.6 4 6 2.35. 5 6 4 1.76. 3.9 3.5 4.5 2.17. 6.4 6.5 3 1.6