



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

Ex) 9, 1, 7, 8, 5

1, 5, 7, 8, 9

Q1 = 3

Q3 = 8.5

mean = 6 Number 1 5 7 8 9

median = 7 distance 5 1 1 2 3

I.Q.R. = 5.5

M.A.D. = 2.4

1) 3, 7, 4, 7, 5

2) 7, 5, 8, 9, 3, 7

3) 3, 9, 2, 1, 1, 7

4) 2, 3, 7, 9, 4, 1, 6

5) 6, 9, 9, 2, 4, 1, 2

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

7) 4, 5, 6, 8, 5, 7, 9,
9

Answers

Ex. 6 7 5.5 2.4

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



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

Ex) 9, 1, 7, 8, 5

1, 5, 7, 8, 9

Q1 = 3

Q3 = 8.5

mean = 6 Number 1 5 7 8 9

median = 7 distance 5 1 1 2 3

I.Q.R. = 5.5

M.A.D. = 2.4

1) 3, 7, 4, 7, 5

3, 4, 5, 7, 7

Q1 = 3.5

Q3 = 7

mean = 5.2 Number 3 4 5 7 7

median = 5 distance 2.2 1.2 0.2 1.8 1.8

I.Q.R. = 3.5

M.A.D. = 1.4

2) 7, 5, 8, 9, 3, 7

3, 5, 7, 7, 8, 9

Q1 = 5

Q3 = 8

mean = 6.5 Number 3 5 7 7 8 9

median = 7 distance 3.5 1.5 0.5 0.5 1.5 2.5

I.Q.R. = 3

M.A.D. = 1.7

3) 3, 9, 2, 1, 1, 7

1, 1, 2, 3, 7, 9

Q1 = 1

Q3 = 7

mean = 3.8 Number 1 1 2 3 7 9

median = 2.5 distance 2.8 2.8 1.8 0.8 3.2 5.2

I.Q.R. = 6

M.A.D. = 2.8

4) 2, 3, 7, 9, 4, 1, 6

1, 2, 3, 4, 6, 7, 9

Q1 = 2

Q3 = 7

mean = 4.6 Number 1 2 3 4 6 7 9

median = 4 distance 3.6 2.6 1.6 0.6 1.4 2.4 4.4

I.Q.R. = 5

M.A.D. = 2.4

5) 6, 9, 9, 2, 4, 1, 2

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

Q1 = 2

Q3 = 9

mean = 4.7 Number 1 2 2 4 6 9 9

median = 4 distance 3.7 2.7 2.7 0.7 1.3 4.3 4.3

I.Q.R. = 7

M.A.D. = 2.8

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

7

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

Q1 = 2

Q3 = 6.5

mean = 4.5 Number 1 1 3 5 6 6 7 7

median = 5.5 distance 3.5 3.5 1.5 0.5 1.5 1.5 2.5 2.5

I.Q.R. = 4.5

M.A.D. = 2.1

7) 4, 5, 6, 8, 5, 7, 9,

9

4, 5, 5, 6, 7, 8, 9, 9

Q1 = 5

Q3 = 8.5

mean = 6.6 Number 4 5 5 6 7 8 9 9

median = 6.5 distance 2.6 1.6 1.6 0.6 0.4 1.4 2.4 2.4

I.Q.R. = 3.5

M.A.D. = 1.6

AnswersEx. 6 7 5.5 2.41. 5.2 5 3.5 1.42. 6.5 7 3 1.73. 3.8 2.5 6 2.84. 4.6 4 5 2.45. 4.7 4 7 2.86. 4.5 5.5 4.5 2.17. 6.6 6.5 3.5 1.6