



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

Answers

Ex) 5, 9, 4, 5, 9

4, 5, 5, 9, 9

Q1 = 4.5

Q3 = 9

mean = 6.4 Number 4 5 5 9 9

median = 5 distance 2.4 1.4 1.4 2.6 2.6

I.Q.R. = 4.5

M.A.D. = 2.1

Ex. 6.4 5 4.5 2.1

1) 8, 9, 1, 1, 9

1. _____

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

2. _____

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

3. _____

4) 7, 6, 6, 6, 4, 1, 2

4. _____

5) 6, 2, 8, 6, 6, 8, 2

5. _____

6) 9, 3, 2, 9, 9, 7, 5,
7

6. _____

7) 7, 3, 3, 1, 9, 3, 5,
4

7. _____



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

Ex) 5, 9, 4, 5, 9

4, 5, 5, 9, 9

Q1 = 4.5

Q3 = 9

mean = 6.4 Number 4 5 5 9 9
 median = 5 distance 2.4 1.4 1.4 2.6 2.6
 I.Q.R. = 4.5
 M.A.D. = 2.1

1) 8, 9, 1, 1, 9

1, 1, 8, 9, 9

Q1 = 1

Q3 = 9

mean = 5.6 Number 1 1 8 9 9
 median = 8 distance 4.6 4.6 2.4 3.4 3.4
 I.Q.R. = 8
 M.A.D. = 3.7

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

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

2, 2, 5, 5, 7, 9

Q1 = 2

Q3 = 7

mean = 5 Number 2 2 5 5 7 9
 median = 5 distance 3 3 0 0 2 4
 I.Q.R. = 5
 M.A.D. = 2

4) 7, 6, 6, 6, 4, 1, 2

1, 2, 4, 6, 6, 6, 7

Q1 = 2

Q3 = 6

mean = 4.6 Number 1 2 4 6 6 6 7
 median = 6 distance 3.6 2.6 0.6 1.4 1.4 1.4 2.4
 I.Q.R. = 4
 M.A.D. = 1.9

5) 6, 2, 8, 6, 6, 8, 2

2, 2, 6, 6, 6, 8, 8

Q1 = 2

Q3 = 8

mean = 5.4 Number 2 2 6 6 6 8 8
 median = 6 distance 3.4 3.4 0.6 0.6 0.6 2.6 2.6
 I.Q.R. = 6
 M.A.D. = 2

6) 9, 3, 2, 9, 9, 7, 5,

7

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

Q1 = 4

Q3 = 9

mean = 6.4 Number 2 3 5 7 7 9 9 9
 median = 7 distance 4.4 3.4 1.4 0.6 0.6 2.6 2.6 2.6
 I.Q.R. = 5
 M.A.D. = 2.3

7) 7, 3, 3, 1, 9, 3, 5,

4

1, 3, 3, 3, 4, 5, 7, 9

Q1 = 3

Q3 = 6

mean = 4.4 Number 1 3 3 3 4 5 7 9
 median = 3.5 distance 3.4 1.4 1.4 1.4 0.4 0.6 2.6 4.6
 I.Q.R. = 3
 M.A.D. = 2

AnswersEx. 6.4 5 4.5 2.11. 5.6 8 8 3.72. 4.8 5 4 2.23. 5 5 5 24. 4.6 6 4 1.95. 5.4 6 6 26. 6.4 7 5 2.37. 4.4 3.5 3 2