



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

Answers

Ex) 4, 4, 9, 6, 7
4, 4, 6, 7, 9
Q1 = 4
Q3 = 8

mean = 6 Number 4 4 6 7 9
median = 6 distance 2 2 0 1 3
I.Q.R. = 4
M.A.D. = 1.6

Ex. 6 6 4 1.6

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 9, 1, 5, 6, 3

2) 8, 1, 3, 7, 2, 9

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

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

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

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

7) 9, 9, 3, 4, 9, 4, 2,
9



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

Answers

Ex) 4, 4, 9, 6, 7 4, 4, 6, 7, 9 Q1 = 4 Q3 = 8	mean = 6 median = 6 I.Q.R. = 4 M.A.D. = 1.6	Number 4 4 6 7 9 distance 2 2 0 1 3
1) 9, 1, 5, 6, 3 1, 3, 5, 6, 9 Q1 = 2 Q3 = 7.5	mean = 4.8 median = 5 I.Q.R. = 5.5 M.A.D. = 2.2	Number 1 3 5 6 9 distance 3.8 1.8 0.2 1.2 4.2
2) 8, 1, 3, 7, 2, 9 1, 2, 3, 7, 8, 9 Q1 = 2 Q3 = 8	mean = 5 median = 5 I.Q.R. = 6 M.A.D. = 3	Number 1 2 3 7 8 9 distance 4 3 2 2 3 4
3) 9, 1, 3, 4, 5, 7 1, 3, 4, 5, 7, 9 Q1 = 3 Q3 = 7	mean = 4.8 median = 4.5 I.Q.R. = 4 M.A.D. = 2.2	Number 1 3 4 5 7 9 distance 3.8 1.8 0.8 0.2 2.2 4.2
4) 6, 1, 2, 3, 1, 9, 4 1, 1, 2, 3, 4, 6, 9 Q1 = 1 Q3 = 6	mean = 3.7 median = 3 I.Q.R. = 5 M.A.D. = 2.2	Number 1 1 2 3 4 6 9 distance 2.7 2.7 1.7 0.7 0.3 2.3 5.3
5) 5, 6, 3, 7, 3, 1, 1 1, 1, 3, 3, 5, 6, 7 Q1 = 1 Q3 = 6	mean = 3.7 median = 3 I.Q.R. = 5 M.A.D. = 2	Number 1 1 3 3 5 6 7 distance 2.7 2.7 0.7 0.7 1.3 2.3 3.3
6) 1, 8, 8, 2, 1, 4, 6, 4 1, 1, 2, 4, 4, 6, 8, 8 Q1 = 1.5 Q3 = 7	mean = 4.3 median = 4 I.Q.R. = 5.5 M.A.D. = 2.3	Number 1 1 2 4 4 6 8 8 distance 3.3 3.3 2.3 0.3 0.3 1.7 3.7 3.7
7) 9, 9, 3, 4, 9, 4, 2, 9 2, 3, 4, 4, 9, 9, 9, 9 Q1 = 3.5 Q3 = 9	mean = 6.1 median = 6.5 I.Q.R. = 5.5 M.A.D. = 2.9	Number 2 3 4 4 9 9 9 9 distance 4.1 3.1 2.1 2.1 2.9 2.9 2.9 2.9

Ex.	<u>6</u>	<u>6</u>	<u>4</u>	<u>1.6</u>
1.	<u>4.8</u>	<u>5</u>	<u>5.5</u>	<u>2.2</u>
2.	<u>5</u>	<u>5</u>	<u>6</u>	<u>3</u>
3.	<u>4.8</u>	<u>4.5</u>	<u>4</u>	<u>2.2</u>
4.	<u>3.7</u>	<u>3</u>	<u>5</u>	<u>2.2</u>
5.	<u>3.7</u>	<u>3</u>	<u>5</u>	<u>2</u>
6.	<u>4.3</u>	<u>4</u>	<u>5.5</u>	<u>2.3</u>
7.	<u>6.1</u>	<u>6.5</u>	<u>5.5</u>	<u>2.9</u>