



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, 8, 3, 6, 3 mean = 5.6 Number 3 3 6 8 8
3, 3, 6, 8, 8 median = 6 distance 2.6 2.6 0.4 2.4 2.4
Q1 = 3 I.Q.R. = 5
Q3 = 8 M.A.D. = 2.1

Ex. 5.6 6 5 2.1

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 6, 7, 2, 4, 1

2) 3, 5, 4, 8, 1, 2

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

4) 8, 3, 5, 3, 4, 5, 6

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

6) 7, 9, 9, 3, 8, 6, 4,
4

7) 9, 3, 5, 4, 4, 6, 4,
2



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, 8, 3, 6, 3 3, 3, 6, 8, 8 Q1 = 3 Q3 = 8	mean = 5.6 median = 6 I.Q.R. = 5 M.A.D. = 2.1	Number 3 3 6 8 8 distance 2.6 2.6 0.4 2.4 2.4
1) 6, 7, 2, 4, 1 1, 2, 4, 6, 7 Q1 = 1.5 Q3 = 6.5	mean = 4 median = 4 I.Q.R. = 5 M.A.D. = 2	Number 1 2 4 6 7 distance 3 2 0 2 3
2) 3, 5, 4, 8, 1, 2 1, 2, 3, 4, 5, 8 Q1 = 2 Q3 = 5	mean = 3.8 median = 3.5 I.Q.R. = 3 M.A.D. = 1.8	Number 1 2 3 4 5 8 distance 2.8 1.8 0.8 0.2 1.2 4.2
3) 7, 8, 5, 6, 3, 8 3, 5, 6, 7, 8, 8 Q1 = 5 Q3 = 8	mean = 6.2 median = 6.5 I.Q.R. = 3 M.A.D. = 1.5	Number 3 5 6 7 8 8 distance 3.2 1.2 0.2 0.8 1.8 1.8
4) 8, 3, 5, 3, 4, 5, 6 3, 3, 4, 5, 5, 6, 8 Q1 = 3 Q3 = 6	mean = 4.9 median = 5 I.Q.R. = 3 M.A.D. = 1.3	Number 3 3 4 5 5 6 8 distance 1.9 1.9 0.9 0.1 0.1 1.1 3.1
5) 8, 4, 9, 7, 5, 9, 4 4, 4, 5, 7, 8, 9, 9 Q1 = 4 Q3 = 9	mean = 6.6 median = 7 I.Q.R. = 5 M.A.D. = 1.9	Number 4 4 5 7 8 9 9 distance 2.6 2.6 1.6 0.4 1.4 2.4 2.4
6) 7, 9, 9, 3, 8, 6, 4, 4 3, 4, 4, 6, 7, 8, 9, 9 Q1 = 4 Q3 = 8.5	mean = 6.3 median = 6.5 I.Q.R. = 4.5 M.A.D. = 2	Number 3 4 4 6 7 8 9 9 distance 3.3 2.3 2.3 0.3 0.7 1.7 2.7 2.7
7) 9, 3, 5, 4, 4, 6, 4, 2 2, 3, 4, 4, 4, 5, 6, 9 Q1 = 3.5 Q3 = 5.5	mean = 4.6 median = 4 I.Q.R. = 2 M.A.D. = 1.5	Number 2 3 4 4 4 5 6 9 distance 2.6 1.6 0.6 0.6 0.6 0.4 1.4 4.4

Ex.	<u>5.6</u>	<u>6</u>	<u>5</u>	<u>2.1</u>
1.	<u>4</u>	<u>4</u>	<u>5</u>	<u>2</u>
2.	<u>3.8</u>	<u>3.5</u>	<u>3</u>	<u>1.8</u>
3.	<u>6.2</u>	<u>6.5</u>	<u>3</u>	<u>1.5</u>
4.	<u>4.9</u>	<u>5</u>	<u>3</u>	<u>1.3</u>
5.	<u>6.6</u>	<u>7</u>	<u>5</u>	<u>1.9</u>
6.	<u>6.3</u>	<u>6.5</u>	<u>4.5</u>	<u>2</u>
7.	<u>4.6</u>	<u>4</u>	<u>2</u>	<u>1.5</u>