



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, 4, 9, 9, 2  
2, 4, 8, 9, 9  
Q1 = 3  
Q3 = 9

mean = 6.4    Number    2    4    8    9    9  
median = 8    distance    4.4    2.4    1.6    2.6    2.6  
I.Q.R. = 6  
M.A.D. = 2.7

Ex. 6.4    8    6    2.7

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

1) 7, 1, 3, 2, 1

2) 5, 8, 3, 8, 2, 3

3) 2, 6, 1, 1, 2, 5

4) 1, 8, 6, 2, 4, 6, 9

5) 2, 3, 1, 2, 1, 1, 5

6) 7, 9, 5, 8, 3, 7, 4,  
3

7) 9, 8, 4, 8, 1, 2, 3,  
2



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

Ex) 8, 4, 9, 9, 2 2, 4, 8, 9, 9 Q1 = 3 Q3 = 9	mean = 6.4 median = 8 I.Q.R. = 6 M.A.D. = 2.7	Number 2 4 8 9 9 distance 4.4 2.4 1.6 2.6 2.6
1) 7, 1, 3, 2, 1 1, 1, 2, 3, 7 Q1 = 1 Q3 = 5	mean = 2.8 median = 2 I.Q.R. = 4 M.A.D. = 1.8	Number 1 1 2 3 7 distance 1.8 1.8 0.8 0.2 4.2
2) 5, 8, 3, 8, 2, 3 2, 3, 3, 5, 8, 8 Q1 = 3 Q3 = 8	mean = 4.8 median = 4 I.Q.R. = 5 M.A.D. = 2.2	Number 2 3 3 5 8 8 distance 2.8 1.8 1.8 0.2 3.2 3.2
3) 2, 6, 1, 1, 2, 5 1, 1, 2, 2, 5, 6 Q1 = 1 Q3 = 5	mean = 2.8 median = 2 I.Q.R. = 4 M.A.D. = 1.8	Number 1 1 2 2 5 6 distance 1.8 1.8 0.8 0.8 2.2 3.2
4) 1, 8, 6, 2, 4, 6, 9 1, 2, 4, 6, 6, 8, 9 Q1 = 2 Q3 = 8	mean = 5.1 median = 6 I.Q.R. = 6 M.A.D. = 2.4	Number 1 2 4 6 6 8 9 distance 4.1 3.1 1.1 0.9 0.9 2.9 3.9
5) 2, 3, 1, 2, 1, 1, 5 1, 1, 1, 2, 2, 3, 5 Q1 = 1 Q3 = 3	mean = 2.1 median = 2 I.Q.R. = 2 M.A.D. = 1	Number 1 1 1 2 2 3 5 distance 1.1 1.1 1.1 0.1 0.1 0.9 2.9
6) 7, 9, 5, 8, 3, 7, 4, 3 3, 3, 4, 5, 7, 7, 8, 9 Q1 = 3.5 Q3 = 7.5	mean = 5.8 median = 6 I.Q.R. = 4 M.A.D. = 2	Number 3 3 4 5 7 7 8 9 distance 2.8 2.8 1.8 0.8 1.2 1.2 2.2 3.2
7) 9, 8, 4, 8, 1, 2, 3, 2 1, 2, 2, 3, 4, 8, 8, 9 Q1 = 2 Q3 = 8	mean = 4.6 median = 3.5 I.Q.R. = 6 M.A.D. = 2.8	Number 1 2 2 3 4 8 8 9 distance 3.6 2.6 2.6 1.6 0.6 3.4 3.4 4.4

Answers

Ex.	<u>6.4</u>	<u>8</u>	<u>6</u>	<u>2.7</u>
1.	<u>2.8</u>	<u>2</u>	<u>4</u>	<u>1.8</u>
2.	<u>4.8</u>	<u>4</u>	<u>5</u>	<u>2.2</u>
3.	<u>2.8</u>	<u>2</u>	<u>4</u>	<u>1.8</u>
4.	<u>5.1</u>	<u>6</u>	<u>6</u>	<u>2.4</u>
5.	<u>2.1</u>	<u>2</u>	<u>2</u>	<u>1</u>
6.	<u>5.8</u>	<u>6</u>	<u>4</u>	<u>2</u>
7.	<u>4.6</u>	<u>3.5</u>	<u>6</u>	<u>2.8</u>