



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

Answers

Ex) 6, 6, 7, 7, 8  
6, 6, 7, 7, 8  
Q1 = 6  
Q3 = 7.5

mean = 6.8    Number 6   6   7   7   8  
median = 7    distance 0.8   0.8   0.2   0.2   1.2  
I.Q.R. = 1.5  
M.A.D. = 0.6

Ex. 6.8   7   1.5   0.6

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

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

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

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

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

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

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

1) 4, 1, 2, 4, 4

2) 6, 8, 7, 8, 9, 5

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

4) 2, 9, 7, 2, 9, 4, 5

5) 6, 9, 3, 1, 3, 3, 9

6) 7, 7, 9, 4, 7, 8, 2,  
6

7) 6, 3, 2, 2, 3, 6, 6,  
3



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

Ex) 6, 6, 7, 7, 8 6, 6, 7, 7, 8 Q1 = 6 Q3 = 7.5	mean = 6.8 median = 7 I.Q.R. = 1.5 M.A.D. = 0.6	Number 6 6 7 7 8 distance 0.8 0.8 0.2 0.2 1.2
1) 4, 1, 2, 4, 4 1, 2, 4, 4, 4 Q1 = 1.5 Q3 = 4	mean = 3 median = 4 I.Q.R. = 2.5 M.A.D. = 1.2	Number 1 2 4 4 4 distance 2 1 1 1 1
2) 6, 8, 7, 8, 9, 5 5, 6, 7, 8, 8, 9 Q1 = 6 Q3 = 8	mean = 7.2 median = 7.5 I.Q.R. = 2 M.A.D. = 1.2	Number 5 6 7 8 8 9 distance 2.2 1.2 0.2 0.8 0.8 1.8
3) 7, 5, 7, 2, 3, 3 2, 3, 3, 5, 7, 7 Q1 = 3 Q3 = 7	mean = 4.5 median = 4 I.Q.R. = 4 M.A.D. = 1.8	Number 2 3 3 5 7 7 distance 2.5 1.5 1.5 0.5 2.5 2.5
4) 2, 9, 7, 2, 9, 4, 5 2, 2, 4, 5, 7, 9, 9 Q1 = 2 Q3 = 9	mean = 5.4 median = 5 I.Q.R. = 7 M.A.D. = 2.5	Number 2 2 4 5 7 9 9 distance 3.4 3.4 1.4 0.4 1.6 3.6 3.6
5) 6, 9, 3, 1, 3, 3, 9 1, 3, 3, 3, 6, 9, 9 Q1 = 3 Q3 = 9	mean = 4.9 median = 3 I.Q.R. = 6 M.A.D. = 2.7	Number 1 3 3 3 6 9 9 distance 3.9 1.9 1.9 1.9 1.1 4.1 4.1
6) 7, 7, 9, 4, 7, 8, 2, 6 2, 4, 6, 7, 7, 7, 8, 9 Q1 = 5 Q3 = 7.5	mean = 6.3 median = 7 I.Q.R. = 2.5 M.A.D. = 1.7	Number 2 4 6 7 7 7 8 9 distance 4.3 2.3 0.3 0.7 0.7 0.7 1.7 2.7
7) 6, 3, 2, 2, 3, 6, 6, 3 2, 2, 3, 3, 3, 6, 6, 6 Q1 = 2.5 Q3 = 6	mean = 3.9 median = 3 I.Q.R. = 3.5 M.A.D. = 1.6	Number 2 2 3 3 3 6 6 6 distance 1.9 1.9 0.9 0.9 0.9 2.1 2.1 2.1

Answers

Ex.	<u>6.8</u>	<u>7</u>	<u>1.5</u>	<u>0.6</u>
1.	<u>3</u>	<u>4</u>	<u>2.5</u>	<u>1.2</u>
2.	<u>7.2</u>	<u>7.5</u>	<u>2</u>	<u>1.2</u>
3.	<u>4.5</u>	<u>4</u>	<u>4</u>	<u>1.8</u>
4.	<u>5.4</u>	<u>5</u>	<u>7</u>	<u>2.5</u>
5.	<u>4.9</u>	<u>3</u>	<u>6</u>	<u>2.7</u>
6.	<u>6.3</u>	<u>7</u>	<u>2.5</u>	<u>1.7</u>
7.	<u>3.9</u>	<u>3</u>	<u>3.5</u>	<u>1.6</u>