



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.

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

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>