



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, 8, 2, 9, 7      mean = 6.4    Number    2    6    7    8    9  
 2, 6, 7, 8, 9      median = 7    distance    4.4    0.4    0.6    1.6    2.6  
 Q1 = 4              I.Q.R. = 4.5  
 Q3 = 8.5            M.A.D. = 1.9

Ex. 6.4 7 4.5 1.9

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

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

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

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

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

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

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

1) 8, 2, 9, 4, 8

2) 5, 1, 8, 1, 8, 1

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

4) 5, 4, 7, 3, 2, 7, 1

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

6) 5, 9, 5, 1, 6, 3, 6,  
2

7) 6, 5, 5, 1, 4, 7, 1,  
4



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Answers

Ex) 6, 8, 2, 9, 7 2, 6, 7, 8, 9 Q1 = 4 Q3 = 8.5	mean = 6.4 median = 7 I.Q.R. = 4.5 M.A.D. = 1.9	Number 2 6 7 8 9 distance 4.4 0.4 0.6 1.6 2.6
1) 8, 2, 9, 4, 8 2, 4, 8, 8, 9 Q1 = 3 Q3 = 8.5	mean = 6.2 median = 8 I.Q.R. = 5.5 M.A.D. = 2.6	Number 2 4 8 8 9 distance 4.2 2.2 1.8 1.8 2.8
2) 5, 1, 8, 1, 8, 1 1, 1, 1, 5, 8, 8 Q1 = 1 Q3 = 8	mean = 4 median = 3 I.Q.R. = 7 M.A.D. = 3	Number 1 1 1 5 8 8 distance 3 3 3 1 4 4
3) 8, 3, 1, 2, 9, 4 1, 2, 3, 4, 8, 9 Q1 = 2 Q3 = 8	mean = 4.5 median = 3.5 I.Q.R. = 6 M.A.D. = 2.7	Number 1 2 3 4 8 9 distance 3.5 2.5 1.5 0.5 3.5 4.5
4) 5, 4, 7, 3, 2, 7, 1 1, 2, 3, 4, 5, 7, 7 Q1 = 2 Q3 = 7	mean = 4.1 median = 4 I.Q.R. = 5 M.A.D. = 1.9	Number 1 2 3 4 5 7 7 distance 3.1 2.1 1.1 0.1 0.9 2.9 2.9
5) 8, 6, 7, 8, 7, 9, 4 4, 6, 7, 7, 8, 8, 9 Q1 = 6 Q3 = 8	mean = 7 median = 7 I.Q.R. = 2 M.A.D. = 1.1	Number 4 6 7 7 8 8 9 distance 3 1 0 0 1 1 2
6) 5, 9, 5, 1, 6, 3, 6, 2 1, 2, 3, 5, 5, 6, 6, 9 Q1 = 2.5 Q3 = 6	mean = 4.6 median = 5 I.Q.R. = 3.5 M.A.D. = 2	Number 1 2 3 5 5 6 6 9 distance 3.6 2.6 1.6 0.4 0.4 1.4 1.4 4.4
7) 6, 5, 5, 1, 4, 7, 1, 4 1, 1, 4, 4, 5, 5, 6, 7 Q1 = 2.5 Q3 = 5.5	mean = 4.1 median = 4.5 I.Q.R. = 3 M.A.D. = 1.6	Number 1 1 4 4 5 5 6 7 distance 3.1 3.1 0.1 0.1 0.9 0.9 1.9 2.9

Ex.	<u>6.4</u>	<u>7</u>	<u>4.5</u>	<u>1.9</u>
1.	<u>6.2</u>	<u>8</u>	<u>5.5</u>	<u>2.6</u>
2.	<u>4</u>	<u>3</u>	<u>7</u>	<u>3</u>
3.	<u>4.5</u>	<u>3.5</u>	<u>6</u>	<u>2.7</u>
4.	<u>4.1</u>	<u>4</u>	<u>5</u>	<u>1.9</u>
5.	<u>7</u>	<u>7</u>	<u>2</u>	<u>1.1</u>
6.	<u>4.6</u>	<u>5</u>	<u>3.5</u>	<u>2</u>
7.	<u>4.1</u>	<u>4.5</u>	<u>3</u>	<u>1.6</u>