



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

Answers

Ex) 9, 9, 4, 5, 6

4, 5, 6, 9, 9

Q1 = 4.5

Q3 = 9

mean = 6.6    Number    4    5    6    9    9

median = 6    distance    2.6    1.6    0.6    2.4    2.4

I.Q.R. = 4.5

M.A.D. = 1.9

Ex. 6.6    6    4.5    1.9

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

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

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

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

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

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

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

1) 9, 6, 3, 8, 2

2) 3, 6, 2, 7, 4, 1

3) 9, 5, 4, 3, 4, 4

4) 7, 1, 5, 4, 2, 6, 4

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

6) 5, 1, 2, 4, 6, 4, 8,  
37) 4, 1, 8, 5, 3, 1, 6,  
4



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

Ex) 9, 9, 4, 5, 6 4, 5, 6, 9, 9 Q1 = 4.5 Q3 = 9	mean = 6.6 median = 6 I.Q.R. = 4.5 M.A.D. = 1.9	Number 4 5 6 9 9 distance 2.6 1.6 0.6 2.4 2.4
1) 9, 6, 3, 8, 2 2, 3, 6, 8, 9 Q1 = 2.5 Q3 = 8.5	mean = 5.6 median = 6 I.Q.R. = 6 M.A.D. = 2.5	Number 2 3 6 8 9 distance 3.6 2.6 0.4 2.4 3.4
2) 3, 6, 2, 7, 4, 1 1, 2, 3, 4, 6, 7 Q1 = 2 Q3 = 6	mean = 3.8 median = 3.5 I.Q.R. = 4 M.A.D. = 1.8	Number 1 2 3 4 6 7 distance 2.8 1.8 0.8 0.2 2.2 3.2
3) 9, 5, 4, 3, 4, 4 3, 4, 4, 4, 5, 9 Q1 = 4 Q3 = 5	mean = 4.8 median = 4 I.Q.R. = 1 M.A.D. = 1.4	Number 3 4 4 4 5 9 distance 1.8 0.8 0.8 0.8 0.2 4.2
4) 7, 1, 5, 4, 2, 6, 4 1, 2, 4, 4, 5, 6, 7 Q1 = 2 Q3 = 6	mean = 4.1 median = 4 I.Q.R. = 4 M.A.D. = 1.6	Number 1 2 4 4 5 6 7 distance 3.1 2.1 0.1 0.1 0.9 1.9 2.9
5) 2, 5, 7, 3, 2, 7, 5 2, 2, 3, 5, 5, 7, 7 Q1 = 2 Q3 = 7	mean = 4.4 median = 5 I.Q.R. = 5 M.A.D. = 1.8	Number 2 2 3 5 5 7 7 distance 2.4 2.4 1.4 0.6 0.6 2.6 2.6
6) 5, 1, 2, 4, 6, 4, 8, 3 1, 2, 3, 4, 4, 5, 6, 8 Q1 = 2.5 Q3 = 5.5	mean = 4.1 median = 4 I.Q.R. = 3 M.A.D. = 1.7	Number 1 2 3 4 4 5 6 8 distance 3.1 2.1 1.1 0.1 0.1 0.9 1.9 3.9
7) 4, 1, 8, 5, 3, 1, 6, 4 1, 1, 3, 4, 4, 5, 6, 8 Q1 = 2 Q3 = 5.5	mean = 4 median = 4 I.Q.R. = 3.5 M.A.D. = 1.8	Number 1 1 3 4 4 5 6 8 distance 3 3 1 0 0 1 2 4

**Answers**

Ex.	<u>6.6</u>	<u>6</u>	<u>4.5</u>	<u>1.9</u>
1.	<u>5.6</u>	<u>6</u>	<u>6</u>	<u>2.5</u>
2.	<u>3.8</u>	<u>3.5</u>	<u>4</u>	<u>1.8</u>
3.	<u>4.8</u>	<u>4</u>	<u>1</u>	<u>1.4</u>
4.	<u>4.1</u>	<u>4</u>	<u>4</u>	<u>1.6</u>
5.	<u>4.4</u>	<u>5</u>	<u>5</u>	<u>1.8</u>
6.	<u>4.1</u>	<u>4</u>	<u>3</u>	<u>1.7</u>
7.	<u>4</u>	<u>4</u>	<u>3.5</u>	<u>1.8</u>