



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  
2, 6, 7, 8, 9  
Q1 = 4  
Q3 = 8.5

mean = 6.4    Number    2    6    7    8    9  
median = 7    distance    4.4    0.4    0.6    1.6    2.6  
I.Q.R. = 4.5  
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



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

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

**Answers**

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>