



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, 2, 3, 2, 6  
2, 2, 3, 6, 8  
Q1 = 2  
Q3 = 7

mean = 4.2    Number    2    2    3    6    8  
median = 3    distance    2.2    2.2    1.2    1.8    3.8  
I.Q.R. = 5  
M.A.D. = 2.2

Ex. 4.2    3    5    2.2

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

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

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

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

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

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

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

1) 3, 9, 9, 6, 3

2) 9, 2, 9, 3, 4, 3

3) 2, 8, 5, 7, 1, 7

4) 2, 7, 1, 8, 1, 3, 6

5) 8, 4, 6, 6, 3, 3, 9

6) 5, 3, 5, 7, 4, 1, 5,  
8

7) 3, 5, 6, 2, 3, 9, 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) 8, 2, 3, 2, 6	mean = 4.2	Number	2	2	3	6	8
2, 2, 3, 6, 8	median = 3	distance	2.2	2.2	1.2	1.8	3.8
Q1 = 2	I.Q.R. = 5						
Q3 = 7	M.A.D. = 2.2						
1) 3, 9, 9, 6, 3	mean = 6	Number	3	3	6	9	9
3, 3, 6, 9, 9	median = 6	distance	3	3	0	3	3
Q1 = 3	I.Q.R. = 6						
Q3 = 9	M.A.D. = 2.4						
2) 9, 2, 9, 3, 4, 3	mean = 5	Number	2	3	3	4	9
2, 3, 3, 4, 9, 9	median = 3.5	distance	3	2	2	1	4
Q1 = 3	I.Q.R. = 6						
Q3 = 9	M.A.D. = 2.7						
3) 2, 8, 5, 7, 1, 7	mean = 5	Number	1	2	5	7	7
1, 2, 5, 7, 7, 8	median = 6	distance	4	3	0	2	2
Q1 = 2	I.Q.R. = 5						
Q3 = 7	M.A.D. = 2.3						
4) 2, 7, 1, 8, 1, 3, 6	mean = 4	Number	1	1	2	3	6
1, 1, 2, 3, 6, 7, 8	median = 3	distance	3	3	2	1	2
Q1 = 1	I.Q.R. = 6						
Q3 = 7	M.A.D. = 2.6						
5) 8, 4, 6, 6, 3, 3, 9	mean = 5.6	Number	3	3	4	6	6
3, 3, 4, 6, 6, 8, 9	median = 6	distance	2.6	2.6	1.6	0.4	0.4
Q1 = 3	I.Q.R. = 5						
Q3 = 8	M.A.D. = 1.9						
6) 5, 3, 5, 7, 4, 1, 5,	mean = 4.8	Number	1	3	4	5	5
8	median = 5	distance	3.8	1.8	0.8	0.2	0.2
1, 3, 4, 5, 5, 5, 7, 8	I.Q.R. = 2.5						
Q1 = 3.5	M.A.D. = 1.6						
Q3 = 6							
7) 3, 5, 6, 2, 3, 9, 6,	mean = 4.6	Number	2	3	3	3	5
3	median = 4	distance	2.6	1.6	1.6	1.6	0.4
2, 3, 3, 3, 5, 6, 6, 9	I.Q.R. = 3						
Q1 = 3	M.A.D. = 1.9						
Q3 = 6							

**Answers**

Ex.	<u>4.2</u>	<u>3</u>	<u>5</u>	<u>2.2</u>
1.	<u>6</u>	<u>6</u>	<u>6</u>	<u>2.4</u>
2.	<u>5</u>	<u>3.5</u>	<u>6</u>	<u>2.7</u>
3.	<u>5</u>	<u>6</u>	<u>5</u>	<u>2.3</u>
4.	<u>4</u>	<u>3</u>	<u>6</u>	<u>2.6</u>
5.	<u>5.6</u>	<u>6</u>	<u>5</u>	<u>1.9</u>
6.	<u>4.8</u>	<u>5</u>	<u>2.5</u>	<u>1.6</u>
7.	<u>4.6</u>	<u>4</u>	<u>3</u>	<u>1.9</u>