



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

Answers

Ex) 5, 6, 5, 1, 9  
1, 5, 5, 6, 9  
Q1 = 3  
Q3 = 7.5

mean = 5.2    Number 1    5    5    6    9  
median = 5    distance 4.2    0.2    0.2    0.8    3.8  
I.Q.R. = 4.5  
M.A.D. = 1.8

Ex. 5.2    5    4.5    1.8

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

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

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

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

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

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

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

1) 6, 9, 2, 6, 4

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

3) 2, 6, 7, 2, 2, 9

4) 5, 6, 4, 9, 2, 5, 6

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

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

7) 3, 9, 8, 7, 1, 3, 5,  
8



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Ex) 5, 6, 5, 1, 9	mean = 5.2	Number	1	5	5	6	9			
1, 5, 5, 6, 9	median = 5	distance	4.2	0.2	0.2	0.8	3.8			
Q1 = 3	I.Q.R. = 4.5									
Q3 = 7.5	M.A.D. = 1.8									
1) 6, 9, 2, 6, 4	mean = 5.4	Number	2	4	6	6	9			
2, 4, 6, 6, 9	median = 6	distance	3.4	1.4	0.6	0.6	3.6			
Q1 = 3	I.Q.R. = 4.5									
Q3 = 7.5	M.A.D. = 1.9									
2) 2, 3, 5, 7, 3, 3	mean = 3.8	Number	2	3	3	3	5	7		
2, 3, 3, 3, 5, 7	median = 3	distance	1.8	0.8	0.8	0.8	1.2	3.2		
Q1 = 3	I.Q.R. = 2									
Q3 = 5	M.A.D. = 1.4									
3) 2, 6, 7, 2, 2, 9	mean = 4.7	Number	2	2	2	6	7	9		
2, 2, 2, 6, 7, 9	median = 4	distance	2.7	2.7	2.7	1.3	2.3	4.3		
Q1 = 2	I.Q.R. = 5									
Q3 = 7	M.A.D. = 2.7									
4) 5, 6, 4, 9, 2, 5, 6	mean = 5.3	Number	2	4	5	5	6	6	9	
2, 4, 5, 5, 6, 6, 9	median = 5	distance	3.3	1.3	0.3	0.3	0.7	0.7	3.7	
Q1 = 4	I.Q.R. = 2									
Q3 = 6	M.A.D. = 1.5									
5) 6, 3, 3, 4, 8, 5, 3	mean = 4.6	Number	3	3	3	4	5	6	8	
3, 3, 3, 4, 5, 6, 8	median = 4	distance	1.6	1.6	1.6	0.6	0.4	1.4	3.4	
Q1 = 3	I.Q.R. = 3									
Q3 = 6	M.A.D. = 1.5									
6) 3, 8, 8, 7, 6, 2, 4, 4	mean = 5.3	Number	2	3	4	4	6	7	8	8
2, 3, 4, 4, 6, 7, 8, 8	median = 5	distance	3.3	2.3	1.3	1.3	0.7	1.7	2.7	2.7
Q1 = 3.5	I.Q.R. = 4									
Q3 = 7.5	M.A.D. = 2									
7) 3, 9, 8, 7, 1, 3, 5, 8	mean = 5.5	Number	1	3	3	5	7	8	8	9
1, 3, 3, 5, 7, 8, 8, 9	median = 6	distance	4.5	2.5	2.5	0.5	1.5	2.5	2.5	3.5
Q1 = 3	I.Q.R. = 5									
Q3 = 8	M.A.D. = 2.5									

Answers

Ex.	<u>5.2</u>	<u>5</u>	<u>4.5</u>	<u>1.8</u>
1.	<u>5.4</u>	<u>6</u>	<u>4.5</u>	<u>1.9</u>
2.	<u>3.8</u>	<u>3</u>	<u>2</u>	<u>1.4</u>
3.	<u>4.7</u>	<u>4</u>	<u>5</u>	<u>2.7</u>
4.	<u>5.3</u>	<u>5</u>	<u>2</u>	<u>1.5</u>
5.	<u>4.6</u>	<u>4</u>	<u>3</u>	<u>1.5</u>
6.	<u>5.3</u>	<u>5</u>	<u>4</u>	<u>2</u>
7.	<u>5.5</u>	<u>6</u>	<u>5</u>	<u>2.5</u>