



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

Answers

Ex) 4, 5, 9, 2, 1
1, 2, 4, 5, 9
Q1 = 1.5
Q3 = 7

mean = 4.2 Number 1 2 4 5 9
median = 4 distance 3.2 2.2 0.2 0.8 4.8
I.Q.R. = 5.5
M.A.D. = 2.2

Ex. 4.2 4 5.5 2.2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 1, 4, 2, 6, 9

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

3) 5, 6, 7, 4, 9, 6

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

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

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

7) 9, 7, 2, 4, 4, 9, 8,
7



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

Answers

Ex) 4, 5, 9, 2, 1	mean = 4.2	Number	1	2	4	5	9			
1, 2, 4, 5, 9	median = 4	distance	3.2	2.2	0.2	0.8	4.8			
Q1 = 1.5	I.Q.R. = 5.5									
Q3 = 7	M.A.D. = 2.2									
1) 1, 4, 2, 6, 9	mean = 4.4	Number	1	2	4	6	9			
1, 2, 4, 6, 9	median = 4	distance	3.4	2.4	0.4	1.6	4.6			
Q1 = 1.5	I.Q.R. = 6									
Q3 = 7.5	M.A.D. = 2.5									
2) 2, 4, 5, 6, 1, 3	mean = 3.5	Number	1	2	3	4	5	6		
1, 2, 3, 4, 5, 6	median = 3.5	distance	2.5	1.5	0.5	0.5	1.5	2.5		
Q1 = 2	I.Q.R. = 3									
Q3 = 5	M.A.D. = 1.5									
3) 5, 6, 7, 4, 9, 6	mean = 6.2	Number	4	5	6	6	7	9		
4, 5, 6, 6, 7, 9	median = 6	distance	2.2	1.2	0.2	0.2	0.8	2.8		
Q1 = 5	I.Q.R. = 2									
Q3 = 7	M.A.D. = 1.2									
4) 2, 1, 2, 8, 8, 3, 6	mean = 4.3	Number	1	2	2	3	6	8	8	
1, 2, 2, 3, 6, 8, 8	median = 3	distance	3.3	2.3	2.3	1.3	1.7	3.7	3.7	
Q1 = 2	I.Q.R. = 6									
Q3 = 8	M.A.D. = 2.6									
5) 3, 8, 8, 5, 9, 7, 7	mean = 6.7	Number	3	5	7	7	8	8	9	
3, 5, 7, 7, 8, 8, 9	median = 7	distance	3.7	1.7	0.3	0.3	1.3	1.3	2.3	
Q1 = 5	I.Q.R. = 3									
Q3 = 8	M.A.D. = 1.6									
6) 4, 3, 1, 6, 8, 5, 5, 5, 1	mean = 4.1	Number	1	1	3	4	5	5	6	8
1, 1, 3, 4, 5, 5, 6, 8	median = 4.5	distance	3.1	3.1	1.1	0.1	0.9	0.9	1.9	3.9
Q1 = 2	I.Q.R. = 3.5									
Q3 = 5.5	M.A.D. = 1.9									
7) 9, 7, 2, 4, 4, 9, 8, 7	mean = 6.3	Number	2	4	4	7	7	8	9	9
2, 4, 4, 7, 7, 8, 9, 9	median = 7	distance	4.3	2.3	2.3	0.7	0.7	1.7	2.7	2.7
Q1 = 4	I.Q.R. = 4.5									
Q3 = 8.5	M.A.D. = 2.2									

Ex.	<u>4.2</u>	<u>4</u>	<u>5.5</u>	<u>2.2</u>
1.	<u>4.4</u>	<u>4</u>	<u>6</u>	<u>2.5</u>
2.	<u>3.5</u>	<u>3.5</u>	<u>3</u>	<u>1.5</u>
3.	<u>6.2</u>	<u>6</u>	<u>2</u>	<u>1.2</u>
4.	<u>4.3</u>	<u>3</u>	<u>6</u>	<u>2.6</u>
5.	<u>6.7</u>	<u>7</u>	<u>3</u>	<u>1.6</u>
6.	<u>4.1</u>	<u>4.5</u>	<u>3.5</u>	<u>1.9</u>
7.	<u>6.3</u>	<u>7</u>	<u>4.5</u>	<u>2.2</u>