



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, 2, 6, 5, 1
1, 2, 5, 5, 6
Q1 = 1.5
Q3 = 5.5

mean = 3.8 Number 1 2 5 5 6
median = 5 distance 2.8 1.8 1.2 1.2 2.2
I.Q.R. = 4
M.A.D. = 1.8

Ex. 3.8 5 4 1.8

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 9, 8, 3, 6, 4

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

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

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

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

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

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



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Ex) 5, 2, 6, 5, 1	mean = 3.8	Number	1	2	5	5	6
1, 2, 5, 5, 6	median = 5	distance	2.8	1.8	1.2	1.2	2.2
Q1 = 1.5	I.Q.R. = 4						
Q3 = 5.5	M.A.D. = 1.8						
1) 9, 8, 3, 6, 4	mean = 6	Number	3	4	6	8	9
3, 4, 6, 8, 9	median = 6	distance	3	2	0	2	3
Q1 = 3.5	I.Q.R. = 5						
Q3 = 8.5	M.A.D. = 2						
2) 8, 4, 1, 6, 7, 2	mean = 4.7	Number	1	2	4	6	7
1, 2, 4, 6, 7, 8	median = 5	distance	3.7	2.7	0.7	1.3	2.3
Q1 = 2	I.Q.R. = 5						
Q3 = 7	M.A.D. = 2.3						
3) 4, 1, 6, 2, 7, 2	mean = 3.7	Number	1	2	2	4	6
1, 2, 2, 4, 6, 7	median = 3	distance	2.7	1.7	1.7	0.3	2.3
Q1 = 2	I.Q.R. = 4						
Q3 = 6	M.A.D. = 2						
4) 7, 3, 5, 6, 1, 7, 6	mean = 5	Number	1	3	5	6	6
1, 3, 5, 6, 6, 7, 7	median = 6	distance	4	2	0	1	1
Q1 = 3	I.Q.R. = 4						
Q3 = 7	M.A.D. = 1.7						
5) 8, 9, 4, 9, 3, 3, 4	mean = 5.7	Number	3	3	4	4	8
3, 3, 4, 4, 8, 9, 9	median = 4	distance	2.7	2.7	1.7	1.7	2.3
Q1 = 3	I.Q.R. = 6						
Q3 = 9	M.A.D. = 2.5						
6) 2, 1, 2, 3, 1, 7, 7,	mean = 3	Number	1	1	1	2	2
1	median = 2	distance	2	2	2	1	1
1, 1, 1, 2, 2, 3, 7, 7	I.Q.R. = 4						
Q1 = 1	M.A.D. = 2						
Q3 = 5							
7) 3, 8, 7, 6, 6, 8, 6,	mean = 6	Number	3	4	6	6	6
4	median = 6	distance	3	2	0	0	0
3, 4, 6, 6, 6, 7, 8, 8	I.Q.R. = 2.5						
Q1 = 5	M.A.D. = 1.3						
Q3 = 7.5							

Answers

Ex.	<u>3.8</u>	<u>5</u>	<u>4</u>	<u>1.8</u>
1.	<u>6</u>	<u>6</u>	<u>5</u>	<u>2</u>
2.	<u>4.7</u>	<u>5</u>	<u>5</u>	<u>2.3</u>
3.	<u>3.7</u>	<u>3</u>	<u>4</u>	<u>2</u>
4.	<u>5</u>	<u>6</u>	<u>4</u>	<u>1.7</u>
5.	<u>5.7</u>	<u>4</u>	<u>6</u>	<u>2.5</u>
6.	<u>3</u>	<u>2</u>	<u>4</u>	<u>2</u>
7.	<u>6</u>	<u>6</u>	<u>2.5</u>	<u>1.3</u>