



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

Answers

Ex) 1, 4, 1, 5, 8
1, 1, 4, 5, 8
Q1 = 1
Q3 = 6.5

mean = 3.8 Number 1 1 4 5 8
median = 4 distance 2.8 2.8 0.2 1.2 4.2
I.Q.R. = 5.5
M.A.D. = 2.2

Ex. 3.8 4 5.5 2.2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 5, 9, 6, 6, 5

2) 2, 6, 5, 2, 7, 7

3) 9, 2, 5, 2, 6, 9

4) 2, 7, 9, 9, 3, 4, 7

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

6) 8, 4, 7, 8, 9, 5, 4,
2

7) 8, 5, 3, 6, 8, 8, 6,
3



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Answers

Ex)	1, 4, 1, 5, 8	mean = 3.8	Number	1	1	4	5	8
	1, 1, 4, 5, 8	median = 4	distance	2.8	2.8	0.2	1.2	4.2
	Q1 = 1	I.Q.R. = 5.5						
	Q3 = 6.5	M.A.D. = 2.2						
1)	5, 9, 6, 6, 5	mean = 6.2	Number	5	5	6	6	9
	5, 5, 6, 6, 9	median = 6	distance	1.2	1.2	0.2	0.2	2.8
	Q1 = 5	I.Q.R. = 2.5						
	Q3 = 7.5	M.A.D. = 1.1						
2)	2, 6, 5, 2, 7, 7	mean = 4.8	Number	2	2	5	6	7
	2, 2, 5, 6, 7, 7	median = 5.5	distance	2.8	2.8	0.2	1.2	2.2
	Q1 = 2	I.Q.R. = 5						
	Q3 = 7	M.A.D. = 1.9						
3)	9, 2, 5, 2, 6, 9	mean = 5.5	Number	2	2	5	6	9
	2, 2, 5, 6, 9, 9	median = 5.5	distance	3.5	3.5	0.5	0.5	3.5
	Q1 = 2	I.Q.R. = 7						
	Q3 = 9	M.A.D. = 2.5						
4)	2, 7, 9, 9, 3, 4, 7	mean = 5.9	Number	2	3	4	7	7
	2, 3, 4, 7, 7, 9, 9	median = 7	distance	3.9	2.9	1.9	1.1	1.1
	Q1 = 3	I.Q.R. = 6						
	Q3 = 9	M.A.D. = 2.4						
5)	6, 2, 5, 2, 2, 4, 5	mean = 3.7	Number	2	2	2	4	5
	2, 2, 2, 4, 5, 5, 6	median = 4	distance	1.7	1.7	1.7	0.3	1.3
	Q1 = 2	I.Q.R. = 3						
	Q3 = 5	M.A.D. = 1.5						
6)	8, 4, 7, 8, 9, 5, 4, 2	mean = 5.9	Number	2	4	4	5	7
	2, 4, 4, 5, 7, 8, 8, 9	median = 6	distance	3.9	1.9	1.9	0.9	1.1
	Q1 = 4	I.Q.R. = 4						
	Q3 = 8	M.A.D. = 2.1						
7)	8, 5, 3, 6, 8, 8, 6, 3	mean = 5.9	Number	3	3	5	6	6
	3, 3, 5, 6, 6, 8, 8, 8	median = 6	distance	2.9	2.9	0.9	0.1	0.1
	Q1 = 4	I.Q.R. = 4						
	Q3 = 8	M.A.D. = 1.7						

Ex.	<u>3.8</u>	<u>4</u>	<u>5.5</u>	<u>2.2</u>
1.	<u>6.2</u>	<u>6</u>	<u>2.5</u>	<u>1.1</u>
2.	<u>4.8</u>	<u>5.5</u>	<u>5</u>	<u>1.9</u>
3.	<u>5.5</u>	<u>5.5</u>	<u>7</u>	<u>2.5</u>
4.	<u>5.9</u>	<u>7</u>	<u>6</u>	<u>2.4</u>
5.	<u>3.7</u>	<u>4</u>	<u>3</u>	<u>1.5</u>
6.	<u>5.9</u>	<u>6</u>	<u>4</u>	<u>2.1</u>
7.	<u>5.9</u>	<u>6</u>	<u>4</u>	<u>1.7</u>