



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

Answers

Ex) 6, 6, 9, 2, 5 mean = 5.6 Number 2 5 6 6 9
2, 5, 6, 6, 9 median = 6 distance 3.6 0.6 0.4 0.4 3.4
Q1 = 3.5 I.Q.R. = 4
Q3 = 7.5 M.A.D. = 1.7

Ex. 5.6 6 4 1.7

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 7, 5, 2, 2, 2

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

3) 4, 1, 5, 9, 9, 8

4) 9, 7, 6, 7, 4, 1, 7

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

6) 8, 9, 4, 3, 4, 8, 1,
9

7) 2, 7, 6, 9, 9, 6, 2,
1



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Answers

Ex) 6, 6, 9, 2, 5	mean = 5.6	Number	2	5	6	6	9
2, 5, 6, 6, 9	median = 6	distance	3.6	0.6	0.4	0.4	3.4
Q1 = 3.5	I.Q.R. = 4						
Q3 = 7.5	M.A.D. = 1.7						
1) 7, 5, 2, 2, 2	mean = 3.6	Number	2	2	2	5	7
2, 2, 2, 5, 7	median = 2	distance	1.6	1.6	1.6	1.4	3.4
Q1 = 2	I.Q.R. = 4						
Q3 = 6	M.A.D. = 1.9						
2) 5, 7, 8, 3, 2, 8	mean = 5.5	Number	2	3	5	7	8
2, 3, 5, 7, 8, 8	median = 6	distance	3.5	2.5	0.5	1.5	2.5
Q1 = 3	I.Q.R. = 5						
Q3 = 8	M.A.D. = 2.2						
3) 4, 1, 5, 9, 9, 8	mean = 6	Number	1	4	5	8	9
1, 4, 5, 8, 9, 9	median = 6.5	distance	5	2	1	2	3
Q1 = 4	I.Q.R. = 5						
Q3 = 9	M.A.D. = 2.7						
4) 9, 7, 6, 7, 4, 1, 7	mean = 5.9	Number	1	4	6	7	7
1, 4, 6, 7, 7, 7, 9	median = 7	distance	4.9	1.9	0.1	1.1	1.1
Q1 = 4	I.Q.R. = 3						
Q3 = 7	M.A.D. = 1.9						
5) 7, 1, 2, 3, 8, 5, 7	mean = 4.7	Number	1	2	3	5	7
1, 2, 3, 5, 7, 7, 8	median = 5	distance	3.7	2.7	1.7	0.3	2.3
Q1 = 2	I.Q.R. = 5						
Q3 = 7	M.A.D. = 2.3						
6) 8, 9, 4, 3, 4, 8, 1, 9	mean = 5.8	Number	1	3	4	4	8
1, 3, 4, 4, 8, 8, 9, 9	median = 6	distance	4.8	2.8	1.8	1.8	2.2
Q1 = 3.5	I.Q.R. = 5						
Q3 = 8.5	M.A.D. = 2.8						
7) 2, 7, 6, 9, 9, 6, 2, 1	mean = 5.3	Number	1	2	2	6	6
1, 2, 2, 6, 6, 7, 9, 9	median = 6	distance	4.3	3.3	3.3	0.7	0.7
Q1 = 2	I.Q.R. = 6						
Q3 = 8	M.A.D. = 2.7						

Ex.	<u>5.6</u>	<u>6</u>	<u>4</u>	<u>1.7</u>
1.	<u>3.6</u>	<u>2</u>	<u>4</u>	<u>1.9</u>
2.	<u>5.5</u>	<u>6</u>	<u>5</u>	<u>2.2</u>
3.	<u>6</u>	<u>6.5</u>	<u>5</u>	<u>2.7</u>
4.	<u>5.9</u>	<u>7</u>	<u>3</u>	<u>1.9</u>
5.	<u>4.7</u>	<u>5</u>	<u>5</u>	<u>2.3</u>
6.	<u>5.8</u>	<u>6</u>	<u>5</u>	<u>2.8</u>
7.	<u>5.3</u>	<u>6</u>	<u>6</u>	<u>2.7</u>