



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

Answers

Ex) 8, 3, 4, 5, 2 mean = 4.4 Number 2 3 4 5 8
2, 3, 4, 5, 8 median = 4 distance 2.4 1.4 0.4 0.6 3.6
Q1 = 2.5 I.Q.R. = 4
Q3 = 6.5 M.A.D. = 1.7

Ex. 4.4 4 4 1.7

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 1, 1, 7, 5, 1

2) 6, 8, 7, 8, 2, 8

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

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

5) 6, 4, 8, 6, 8, 9, 3

6) 9, 3, 1, 7, 3, 4, 2,
4

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



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

Answers

Ex) 8, 3, 4, 5, 2	mean = 4.4	Number	2	3	4	5	8
2, 3, 4, 5, 8	median = 4	distance	2.4	1.4	0.4	0.6	3.6
Q1 = 2.5	I.Q.R. = 4						
Q3 = 6.5	M.A.D. = 1.7						
1) 1, 1, 7, 5, 1	mean = 3	Number	1	1	1	5	7
1, 1, 1, 5, 7	median = 1	distance	2	2	2	2	4
Q1 = 1	I.Q.R. = 5						
Q3 = 6	M.A.D. = 2.4						
2) 6, 8, 7, 8, 2, 8	mean = 6.5	Number	2	6	7	8	8
2, 6, 7, 8, 8, 8	median = 7.5	distance	4.5	0.5	0.5	1.5	1.5
Q1 = 6	I.Q.R. = 2						
Q3 = 8	M.A.D. = 1.7						
3) 7, 4, 3, 4, 9, 5	mean = 5.3	Number	3	4	4	5	7
3, 4, 4, 5, 7, 9	median = 4.5	distance	2.3	1.3	1.3	0.3	1.7
Q1 = 4	I.Q.R. = 3						
Q3 = 7	M.A.D. = 1.8						
4) 5, 6, 5, 1, 3, 1, 4	mean = 3.6	Number	1	1	3	4	5
1, 1, 3, 4, 5, 5, 6	median = 4	distance	2.6	2.6	0.6	0.4	1.4
Q1 = 1	I.Q.R. = 4						
Q3 = 5	M.A.D. = 1.6						
5) 6, 4, 8, 6, 8, 9, 3	mean = 6.3	Number	3	4	6	6	8
3, 4, 6, 6, 8, 8, 9	median = 6	distance	3.3	2.3	0.3	0.3	1.7
Q1 = 4	I.Q.R. = 4						
Q3 = 8	M.A.D. = 1.8						
6) 9, 3, 1, 7, 3, 4, 2, 4	mean = 4.1	Number	1	2	3	3	4
1, 2, 3, 3, 4, 4, 7, 9	median = 3.5	distance	3.1	2.1	1.1	1.1	0.1
Q1 = 2.5	I.Q.R. = 3						
Q3 = 5.5	M.A.D. = 1.9						
7) 7, 4, 2, 7, 6, 2, 2, 3	mean = 4.1	Number	2	2	2	3	4
2, 2, 2, 3, 4, 6, 7, 7	median = 3.5	distance	2.1	2.1	2.1	1.1	0.1
Q1 = 2	I.Q.R. = 4.5						
Q3 = 6.5	M.A.D. = 1.9						

Ex.	<u>4.4</u>	<u>4</u>	<u>4</u>	<u>1.7</u>
1.	<u>3</u>	<u>1</u>	<u>5</u>	<u>2.4</u>
2.	<u>6.5</u>	<u>7.5</u>	<u>2</u>	<u>1.7</u>
3.	<u>5.3</u>	<u>4.5</u>	<u>3</u>	<u>1.8</u>
4.	<u>3.6</u>	<u>4</u>	<u>4</u>	<u>1.6</u>
5.	<u>6.3</u>	<u>6</u>	<u>4</u>	<u>1.8</u>
6.	<u>4.1</u>	<u>3.5</u>	<u>3</u>	<u>1.9</u>
7.	<u>4.1</u>	<u>3.5</u>	<u>4.5</u>	<u>1.9</u>