



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
2, 5, 6, 6, 9
Q1 = 3.5
Q3 = 7.5

mean = 5.6 Number 2 5 6 6 9
median = 6 distance 3.6 0.6 0.4 0.4 3.4
I.Q.R. = 4
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 2, 5, 6, 6, 9 Q1 = 3.5 Q3 = 7.5	mean = 5.6 median = 6 I.Q.R. = 4 M.A.D. = 1.7	Number 2 5 6 6 9 distance 3.6 0.6 0.4 0.4 3.4
1) 7, 5, 2, 2, 2 2, 2, 2, 5, 7 Q1 = 2 Q3 = 6	mean = 3.6 median = 2 I.Q.R. = 4 M.A.D. = 1.9	Number 2 2 2 5 7 distance 1.6 1.6 1.6 1.4 3.4
2) 5, 7, 8, 3, 2, 8 2, 3, 5, 7, 8, 8 Q1 = 3 Q3 = 8	mean = 5.5 median = 6 I.Q.R. = 5 M.A.D. = 2.2	Number 2 3 5 7 8 8 distance 3.5 2.5 0.5 1.5 2.5 2.5
3) 4, 1, 5, 9, 9, 8 1, 4, 5, 8, 9, 9 Q1 = 4 Q3 = 9	mean = 6 median = 6.5 I.Q.R. = 5 M.A.D. = 2.7	Number 1 4 5 8 9 9 distance 5 2 1 2 3 3
4) 9, 7, 6, 7, 4, 1, 7 1, 4, 6, 7, 7, 7, 9 Q1 = 4 Q3 = 7	mean = 5.9 median = 7 I.Q.R. = 3 M.A.D. = 1.9	Number 1 4 6 7 7 7 9 distance 4.9 1.9 0.1 1.1 1.1 1.1 3.1
5) 7, 1, 2, 3, 8, 5, 7 1, 2, 3, 5, 7, 7, 8 Q1 = 2 Q3 = 7	mean = 4.7 median = 5 I.Q.R. = 5 M.A.D. = 2.3	Number 1 2 3 5 7 7 8 distance 3.7 2.7 1.7 0.3 2.3 2.3 3.3
6) 8, 9, 4, 3, 4, 8, 1, 9 1, 3, 4, 4, 8, 8, 9, 9 Q1 = 3.5 Q3 = 8.5	mean = 5.8 median = 6 I.Q.R. = 5 M.A.D. = 2.8	Number 1 3 4 4 8 8 9 9 distance 4.8 2.8 1.8 1.8 2.2 2.2 3.2 3.2
7) 2, 7, 6, 9, 9, 6, 2, 1 1, 2, 2, 6, 6, 7, 9, 9 Q1 = 2 Q3 = 8	mean = 5.3 median = 6 I.Q.R. = 6 M.A.D. = 2.7	Number 1 2 2 6 6 7 9 9 distance 4.3 3.3 3.3 0.7 0.7 1.7 3.7 3.7

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>