



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 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

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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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
1) 9, 8, 3, 6, 4 3, 4, 6, 8, 9 Q1 = 3.5 Q3 = 8.5	mean = 6 Number 3 4 6 8 9 median = 6 distance 3 2 0 2 3 I.Q.R. = 5 M.A.D. = 2
2) 8, 4, 1, 6, 7, 2 1, 2, 4, 6, 7, 8 Q1 = 2 Q3 = 7	mean = 4.7 Number 1 2 4 6 7 8 median = 5 distance 3.7 2.7 0.7 1.3 2.3 3.3 I.Q.R. = 5 M.A.D. = 2.3
3) 4, 1, 6, 2, 7, 2 1, 2, 2, 4, 6, 7 Q1 = 2 Q3 = 6	mean = 3.7 Number 1 2 2 4 6 7 median = 3 distance 2.7 1.7 1.7 0.3 2.3 3.3 I.Q.R. = 4 M.A.D. = 2
4) 7, 3, 5, 6, 1, 7, 6 1, 3, 5, 6, 6, 7, 7 Q1 = 3 Q3 = 7	mean = 5 Number 1 3 5 6 6 7 7 median = 6 distance 4 2 0 1 1 2 2 I.Q.R. = 4 M.A.D. = 1.7
5) 8, 9, 4, 9, 3, 3, 4 3, 3, 4, 4, 8, 9, 9 Q1 = 3 Q3 = 9	mean = 5.7 Number 3 3 4 4 8 9 9 median = 4 distance 2.7 2.7 1.7 1.7 2.3 3.3 3.3 I.Q.R. = 6 M.A.D. = 2.5
6) 2, 1, 2, 3, 1, 7, 7, 1 1, 1, 1, 2, 2, 3, 7, 7 Q1 = 1 Q3 = 5	mean = 3 Number 1 1 1 2 2 3 7 7 median = 2 distance 2 2 2 1 1 0 4 4 I.Q.R. = 4 M.A.D. = 2
7) 3, 8, 7, 6, 6, 8, 6, 4 3, 4, 6, 6, 6, 7, 8, 8 Q1 = 5 Q3 = 7.5	mean = 6 Number 3 4 6 6 6 7 8 8 median = 6 distance 3 2 0 0 0 1 2 2 I.Q.R. = 2.5 M.A.D. = 1.3

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>