



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, 6, 5, 1, 9 mean = 5.2 Number 1 5 5 6 9
1, 5, 5, 6, 9 median = 5 distance 4.2 0.2 0.2 0.8 3.8
Q1 = 3 I.Q.R. = 4.5
Q3 = 7.5 M.A.D. = 1.8

Ex. 5.2 5 4.5 1.8

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 6, 9, 2, 6, 4

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

3) 2, 6, 7, 2, 2, 9

4) 5, 6, 4, 9, 2, 5, 6

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

6) 3, 8, 8, 7, 6, 2, 4,
4

7) 3, 9, 8, 7, 1, 3, 5,
8



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Answers

Ex) 5, 6, 5, 1, 9 1, 5, 5, 6, 9 Q1 = 3 Q3 = 7.5	mean = 5.2 median = 5 I.Q.R. = 4.5 M.A.D. = 1.8	Number 1 5 5 6 9 distance 4.2 0.2 0.2 0.8 3.8
1) 6, 9, 2, 6, 4 2, 4, 6, 6, 9 Q1 = 3 Q3 = 7.5	mean = 5.4 median = 6 I.Q.R. = 4.5 M.A.D. = 1.9	Number 2 4 6 6 9 distance 3.4 1.4 0.6 0.6 3.6
2) 2, 3, 5, 7, 3, 3 2, 3, 3, 3, 5, 7 Q1 = 3 Q3 = 5	mean = 3.8 median = 3 I.Q.R. = 2 M.A.D. = 1.4	Number 2 3 3 3 5 7 distance 1.8 0.8 0.8 0.8 1.2 3.2
3) 2, 6, 7, 2, 2, 9 2, 2, 2, 6, 7, 9 Q1 = 2 Q3 = 7	mean = 4.7 median = 4 I.Q.R. = 5 M.A.D. = 2.7	Number 2 2 2 6 7 9 distance 2.7 2.7 2.7 1.3 2.3 4.3
4) 5, 6, 4, 9, 2, 5, 6 2, 4, 5, 5, 6, 6, 9 Q1 = 4 Q3 = 6	mean = 5.3 median = 5 I.Q.R. = 2 M.A.D. = 1.5	Number 2 4 5 5 6 6 9 distance 3.3 1.3 0.3 0.3 0.7 0.7 3.7
5) 6, 3, 3, 4, 8, 5, 3 3, 3, 3, 4, 5, 6, 8 Q1 = 3 Q3 = 6	mean = 4.6 median = 4 I.Q.R. = 3 M.A.D. = 1.5	Number 3 3 3 4 5 6 8 distance 1.6 1.6 1.6 0.6 0.4 1.4 3.4
6) 3, 8, 8, 7, 6, 2, 4, 4 2, 3, 4, 4, 6, 7, 8, 8 Q1 = 3.5 Q3 = 7.5	mean = 5.3 median = 5 I.Q.R. = 4 M.A.D. = 2	Number 2 3 4 4 6 7 8 8 distance 3.3 2.3 1.3 1.3 0.7 1.7 2.7 2.7
7) 3, 9, 8, 7, 1, 3, 5, 8 1, 3, 3, 5, 7, 8, 8, 9 Q1 = 3 Q3 = 8	mean = 5.5 median = 6 I.Q.R. = 5 M.A.D. = 2.5	Number 1 3 3 5 7 8 8 9 distance 4.5 2.5 2.5 0.5 1.5 2.5 2.5 3.5

Ex.	<u>5.2</u>	<u>5</u>	<u>4.5</u>	<u>1.8</u>
1.	<u>5.4</u>	<u>6</u>	<u>4.5</u>	<u>1.9</u>
2.	<u>3.8</u>	<u>3</u>	<u>2</u>	<u>1.4</u>
3.	<u>4.7</u>	<u>4</u>	<u>5</u>	<u>2.7</u>
4.	<u>5.3</u>	<u>5</u>	<u>2</u>	<u>1.5</u>
5.	<u>4.6</u>	<u>4</u>	<u>3</u>	<u>1.5</u>
6.	<u>5.3</u>	<u>5</u>	<u>4</u>	<u>2</u>
7.	<u>5.5</u>	<u>6</u>	<u>5</u>	<u>2.5</u>