



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

Answers

Ex) 7, 4, 4, 2, 9 mean = 5.2 Number 2 4 4 7 9
2, 4, 4, 7, 9 median = 4 distance 3.2 1.2 1.2 1.8 3.8
Q1 = 3 I.Q.R. = 5
Q3 = 8 M.A.D. = 2.2

Ex. 5.2 4 5 2.2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1) 8, 2, 3, 1, 4

2) 3, 4, 5, 3, 1, 3

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

4) 9, 1, 9, 7, 3, 8, 5

5) 4, 5, 6, 6, 6, 4, 7

6) 8, 4, 2, 7, 5, 5, 5,
8

7) 7, 1, 5, 4, 2, 3, 3,
2



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

Answers

Ex) 7, 4, 4, 2, 9 2, 4, 4, 7, 9 Q1 = 3 Q3 = 8	mean = 5.2 median = 4 I.Q.R. = 5 M.A.D. = 2.2	Number 2 4 4 7 9 distance 3.2 1.2 1.2 1.8 3.8
1) 8, 2, 3, 1, 4 1, 2, 3, 4, 8 Q1 = 1.5 Q3 = 6	mean = 3.6 median = 3 I.Q.R. = 4.5 M.A.D. = 1.9	Number 1 2 3 4 8 distance 2.6 1.6 0.6 0.4 4.4
2) 3, 4, 5, 3, 1, 3 1, 3, 3, 3, 4, 5 Q1 = 3 Q3 = 4	mean = 3.2 median = 3 I.Q.R. = 1 M.A.D. = 0.9	Number 1 3 3 3 4 5 distance 2.2 0.2 0.2 0.2 0.8 1.8
3) 4, 7, 6, 1, 2, 4 1, 2, 4, 4, 6, 7 Q1 = 2 Q3 = 6	mean = 4 median = 4 I.Q.R. = 4 M.A.D. = 1.7	Number 1 2 4 4 6 7 distance 3 2 0 0 2 3
4) 9, 1, 9, 7, 3, 8, 5 1, 3, 5, 7, 8, 9, 9 Q1 = 3 Q3 = 9	mean = 6 median = 7 I.Q.R. = 6 M.A.D. = 2.6	Number 1 3 5 7 8 9 9 distance 5 3 1 1 2 3 3
5) 4, 5, 6, 6, 6, 4, 7 4, 4, 5, 6, 6, 6, 7 Q1 = 4 Q3 = 6	mean = 5.4 median = 6 I.Q.R. = 2 M.A.D. = 0.9	Number 4 4 5 6 6 6 7 distance 1.4 1.4 0.4 0.6 0.6 0.6 1.6
6) 8, 4, 2, 7, 5, 5, 5, 8 2, 4, 5, 5, 5, 7, 8, 8 Q1 = 4.5 Q3 = 7.5	mean = 5.5 median = 5 I.Q.R. = 3 M.A.D. = 1.6	Number 2 4 5 5 5 7 8 8 distance 3.5 1.5 0.5 0.5 0.5 1.5 2.5 2.5
7) 7, 1, 5, 4, 2, 3, 3, 2 1, 2, 2, 3, 3, 4, 5, 7 Q1 = 2 Q3 = 4.5	mean = 3.4 median = 3 I.Q.R. = 2.5 M.A.D. = 1.5	Number 1 2 2 3 3 4 5 7 distance 2.4 1.4 1.4 0.4 0.4 0.6 1.6 3.6

Ex.	<u>5.2</u>	<u>4</u>	<u>5</u>	<u>2.2</u>
1.	<u>3.6</u>	<u>3</u>	<u>4.5</u>	<u>1.9</u>
2.	<u>3.2</u>	<u>3</u>	<u>1</u>	<u>0.9</u>
3.	<u>4</u>	<u>4</u>	<u>4</u>	<u>1.7</u>
4.	<u>6</u>	<u>7</u>	<u>6</u>	<u>2.6</u>
5.	<u>5.4</u>	<u>6</u>	<u>2</u>	<u>0.9</u>
6.	<u>5.5</u>	<u>5</u>	<u>3</u>	<u>1.6</u>
7.	<u>3.4</u>	<u>3</u>	<u>2.5</u>	<u>1.5</u>