



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, 7, 9
6, 6, 7, 9, 9
Q1 = 6
Q3 = 9

mean = 7.4 Number 6 6 7 9 9
median = 7 Distance 1.4 1.4 0.4 1.6 1.6
I.Q.R. = 3
M.A.D. = 1.3

Ex. 7.4 7 3 1.3

1) 4, 6, 7, 5, 4

1. _____

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

2. _____

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

3. _____

4) 6, 4, 7, 9, 9, 7, 8

4. _____

5) 1, 2, 8, 4, 7, 9, 8

5. _____

6) 8, 2, 9, 8, 5, 4, 3, 8

6. _____

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

7. _____



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, 7, 9 6, 6, 7, 9, 9 Q1 = 6 Q3 = 9	mean = 7.4 Number 6 6 7 9 9 median = 7 Distance 1.4 1.4 0.4 1.6 1.6 I.Q.R. = 3 M.A.D. = 1.3
1)	4, 6, 7, 5, 4 4, 4, 5, 6, 7 Q1 = 4 Q3 = 6.5	mean = 5.2 Number 4 4 5 6 7 median = 5 Distance 1.2 1.2 0.2 0.8 1.8 I.Q.R. = 2.5 M.A.D. = 1
2)	6, 8, 3, 3, 7, 3 3, 3, 3, 6, 7, 8 Q1 = 3 Q3 = 7	mean = 5 Number 3 3 3 6 7 8 median = 4.5 Distance 2 2 2 1 2 3 I.Q.R. = 4 M.A.D. = 2
3)	3, 9, 6, 6, 7, 9 3, 6, 6, 7, 9, 9 Q1 = 6 Q3 = 9	mean = 6.7 Number 3 6 6 7 9 9 median = 6.5 Distance 3.7 0.7 0.7 0.3 2.3 2.3 I.Q.R. = 3 M.A.D. = 1.7
4)	6, 4, 7, 9, 9, 7, 8 4, 6, 7, 7, 8, 9, 9 Q1 = 6 Q3 = 9	mean = 7.1 Number 4 6 7 7 8 9 9 median = 7 Distance 3.1 1.1 0.1 0.1 0.9 1.9 1.9 I.Q.R. = 3 M.A.D. = 1.3
5)	1, 2, 8, 4, 7, 9, 8 1, 2, 4, 7, 8, 8, 9 Q1 = 2 Q3 = 8	mean = 5.6 Number 1 2 4 7 8 8 9 median = 7 Distance 4.6 3.6 1.6 1.4 2.4 2.4 3.4 I.Q.R. = 6 M.A.D. = 2.8
6)	8, 2, 9, 8, 5, 4, 3, 8 2, 3, 4, 5, 8, 8, 8, 9 Q1 = 3.5 Q3 = 8	mean = 5.9 Number 2 3 4 5 8 8 8 9 median = 6.5 Distance 3.9 2.9 1.9 0.9 2.1 2.1 2.1 3.1 I.Q.R. = 4.5 M.A.D. = 2.4
7)	6, 6, 6, 7, 7, 8, 8, 6 6, 6, 6, 6, 7, 7, 8, 8 Q1 = 6 Q3 = 7.5	mean = 6.8 Number 6 6 6 6 7 7 8 8 median = 6.5 Distance 0.8 0.8 0.8 0.8 0.2 0.2 1.2 1.2 I.Q.R. = 1.5 M.A.D. = 0.8

Ex.	<u>7.4</u>	<u>7</u>	<u>3</u>	<u>1.3</u>
1.	<u>5.2</u>	<u>5</u>	<u>2.5</u>	<u>1</u>
2.	<u>5</u>	<u>4.5</u>	<u>4</u>	<u>2</u>
3.	<u>6.7</u>	<u>6.5</u>	<u>3</u>	<u>1.7</u>
4.	<u>7.1</u>	<u>7</u>	<u>3</u>	<u>1.3</u>
5.	<u>5.6</u>	<u>7</u>	<u>6</u>	<u>2.8</u>
6.	<u>5.9</u>	<u>6.5</u>	<u>4.5</u>	<u>2.4</u>
7.	<u>6.8</u>	<u>6.5</u>	<u>1.5</u>	<u>0.8</u>