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

Ex) 8 , 4 , 9 , 9 , 2

2, 4, 8, 9, 9

Q1 = 3

Q3 = 9

mean = 6.4 Number 2 4 8 9 9

median = 8 distance 4.4 2.4 1.6 2.6 2.6

I.Q.R. = 6

M.A.D. = 2.7

1) 7 , 1 , 3 , 2 , 1

2) 5 , 8 , 3 , 8 , 2 , 3

3) 2 , 6 , 1 , 1 , 2 , 5

4) 1 , 8 , 6 , 2 , 4 , 6 , 9

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

6) 7 , 9 , 5 , 8 , 3 , 7 , 4 , 3

7) 9 , 8 , 4 , 8 , 1 , 2 , 3 , 2

Answers

Ex.	6.4	8	6	2.7
1.				
2.				
3.				
4.				
5.				
6.				
7.				

1-7	86	71	57	43	29	14	0

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

Ex) 8 , 4 , 9 , 9 , 2
2, 4, 8, 9, 9
Q1 = 3
Q3 = 9
mean = 6.4 Number 2 4 8 9 9
median = 8 distance 4.4 2.4 1.6 2.6 2.6
I.Q.R. = 6
M.A.D. = 2.7

1) 7 , 1 , 3 , 2 , 1
1, 1, 2, 3, 7
Q1 = 1
Q3 = 5
mean = 2.8 Number 1 1 2 3 7
median = 2 distance 1.8 1.8 0.8 0.2 4.2
I.Q.R. = 4
M.A.D. = 1.8

2) 5 , 8 , 3 , 8 , 2 , 3
2, 3, 3, 5, 8, 8
Q1 = 3
Q3 = 8
mean = 4.8 Number 2 3 3 5 8 8
median = 4 distance 2.8 1.8 1.8 0.2 3.2 3.2
I.Q.R. = 5
M.A.D. = 2.2

3) 2 , 6 , 1 , 1 , 2 , 5
1, 1, 2, 2, 5, 6
Q1 = 1
Q3 = 5
mean = 2.8 Number 1 1 2 2 5 6
median = 2 distance 1.8 1.8 0.8 0.8 2.2 3.2
I.Q.R. = 4
M.A.D. = 1.8

4) 1 , 8 , 6 , 2 , 4 , 6 , 9
1, 2, 4, 6, 6, 8, 9
Q1 = 2
Q3 = 8
mean = 5.1 Number 1 2 4 6 6 8 9
median = 6 distance 4.1 3.1 1.1 0.9 0.9 2.9 3.9
I.Q.R. = 6
M.A.D. = 2.4

5) 2 , 3 , 1 , 2 , 1 , 1 , 5
1, 1, 1, 2, 2, 3, 5
Q1 = 1
Q3 = 3
mean = 2.1 Number 1 1 1 2 2 3 5
median = 2 distance 1.1 1.1 1.1 0.1 0.1 0.9 2.9
I.Q.R. = 2
M.A.D. = 1

6) 7 , 9 , 5 , 8 , 3 , 7 , 4 , 3
3, 3, 4, 5, 7, 7, 8, 9
Q1 = 3.5
Q3 = 7.5
mean = 5.8 Number 3 3 4 5 7 7 8 9
median = 6 distance 2.8 2.8 1.8 0.8 1.2 1.2 2.2 3.2
I.Q.R. = 4
M.A.D. = 2

7) 9 , 8 , 4 , 8 , 1 , 2 , 3 , 2
1, 2, 2, 3, 4, 8, 8, 9
Q1 = 2
Q3 = 8
mean = 4.6 Number 1 2 2 3 4 8 8 9
median = 3.5 distance 3.6 2.6 2.6 1.6 0.6 3.4 3.4 4.4
I.Q.R. = 6
M.A.D. = 2.8

Answers

Ex.	6.4	8	6	2.7
1.	2.8	2	4	1.8
2.	4.8	4	5	2.2
3.	2.8	2	4	1.8
4.	5.1	6	6	2.4
5.	2.1	2	2	1
6.	5.8	6	4	2
7.	4.6	3.5	6	2.8

1-7	86	71	57	43	29	14	0