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

Ex) 1, 2, 5, 5, 9

1, 2, 5, 5, 9

Q1 = 1.5

Q3 = 7

mean = 4.4 Number 1 2 5 5 9

median = 5 Distance 3.4 2.4 0.6 0.6 4.6

I.Q.R. = 5.5

M.A.D. = 2.3

1) 4, 4, 3, 6, 2

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

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

4) 7, 3, 8, 6, 5, 1, 7

5) 5, 7, 7, 4, 5, 9, 9

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

7) 6, 4, 6, 9, 3, 2, 7, 8

Answers

Ex.	4.4	5	5.5	2.3
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) 1, 2, 5, 5, 9
1, 2, 5, 5, 9
Q1 = 1.5
Q3 = 7
mean = 4.4 Number 1 2 5 5 9
median = 5 Distance 3.4 2.4 0.6 0.6 4.6
I.Q.R. = 5.5
M.A.D. = 2.3

1) 4, 4, 3, 6, 2
2, 3, 4, 4, 6
Q1 = 2.5
Q3 = 5
mean = 3.8 Number 2 3 4 4 6
median = 4 Distance 1.8 0.8 0.2 0.2 2.2
I.Q.R. = 2.5
M.A.D. = 1

2) 7, 3, 9, 7, 7, 9
3, 7, 7, 7, 9, 9
Q1 = 7
Q3 = 9
mean = 7 Number 3 7 7 7 9 9
median = 7 Distance 4 0 0 0 2 2
I.Q.R. = 2
M.A.D. = 1.3

3) 8, 1, 9, 5, 1, 4
1, 1, 4, 5, 8, 9
Q1 = 1
Q3 = 8
mean = 4.7 Number 1 1 4 5 8 9
median = 4.5 Distance 3.7 3.7 0.7 0.3 3.3 4.3
I.Q.R. = 7
M.A.D. = 2.7

4) 7, 3, 8, 6, 5, 1, 7
1, 3, 5, 6, 7, 7, 8
Q1 = 3
Q3 = 7
mean = 5.3 Number 1 3 5 6 7 7 8
median = 6 Distance 4.3 2.3 0.3 0.7 1.7 1.7 2.7
I.Q.R. = 4
M.A.D. = 2

5) 5, 7, 7, 4, 5, 9, 9
4, 5, 5, 7, 7, 9, 9
Q1 = 5
Q3 = 9
mean = 6.6 Number 4 5 5 7 7 9 9
median = 7 Distance 2.6 1.6 1.6 0.4 0.4 2.4 2.4
I.Q.R. = 4
M.A.D. = 1.6

6) 8, 2, 6, 4, 9, 1, 6, 4
1, 2, 4, 4, 6, 6, 8, 9
Q1 = 3
Q3 = 7
mean = 5 Number 1 2 4 4 6 6 8 9
median = 5 Distance 4 3 1 1 1 1 3 4
I.Q.R. = 4
M.A.D. = 2.3

7) 6, 4, 6, 9, 3, 2, 7, 8
2, 3, 4, 6, 6, 7, 8, 9
Q1 = 3.5
Q3 = 7.5
mean = 5.6 Number 2 3 4 6 6 7 8 9
median = 6 Distance 3.6 2.6 1.6 0.4 0.4 1.4 2.4 3.4
I.Q.R. = 4
M.A.D. = 2

Answers

Ex.	4.4	5	5.5	2.3
1.	3.8	4	2.5	1
2.	7	7	2	1.3
3.	4.7	4.5	7	2.7
4.	5.3	6	4	2
5.	6.6	7	4	1.6
6.	5	5	4	2.3
7.	5.6	6	4	2

1-7	86	71	57	43	29	14	0