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

Ex) 1 , 4 , 1 , 5 , 8

1, 1, 4, 5, 8

Q1 = 1

Q3 = 6.5

mean = 3.8

median = 4

I.Q.R. = 5.5

M.A.D. = 2.2

Number	1	1	4	5	8
distance	2.8	2.8	0.2	1.2	4.2

1) 5 , 9 , 6 , 6 , 5

2) 2 , 6 , 5 , 2 , 7 , 7

3) 9 , 2 , 5 , 2 , 6 , 9

4) 2 , 7 , 9 , 9 , 3 , 4 , 7

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

6) 8 , 4 , 7 , 8 , 9 , 5 , 4 , 2

7) 8 , 5 , 3 , 6 , 8 , 8 , 6 , 3

Answers

Ex.	3.8	4	5.5	2.2
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 , 4 , 1 , 5 , 8
1, 1, 4, 5, 8
Q1 = 1
Q3 = 6.5

mean = 3.8
median = 4
I.Q.R. = 5.5
M.A.D. = 2.2

Number	1	1	4	5	8
distance	2.8	2.8	0.2	1.2	4.2

1) 5 , 9 , 6 , 6 , 5
5, 5, 6, 6, 9
Q1 = 5
Q3 = 7.5

mean = 6.2
median = 6
I.Q.R. = 2.5
M.A.D. = 1.1

Number	5	5	6	6	9
distance	1.2	1.2	0.2	0.2	2.8

2) 2 , 6 , 5 , 2 , 7 , 7
2, 2, 5, 6, 7, 7
Q1 = 2
Q3 = 7

mean = 4.8
median = 5.5
I.Q.R. = 5
M.A.D. = 1.9

Number	2	2	5	6	7	7
distance	2.8	2.8	0.2	1.2	2.2	2.2

3) 9 , 2 , 5 , 2 , 6 , 9
2, 2, 5, 6, 9, 9
Q1 = 2
Q3 = 9

mean = 5.5
median = 5.5
I.Q.R. = 7
M.A.D. = 2.5

Number	2	2	5	6	9	9
distance	3.5	3.5	0.5	0.5	3.5	3.5

4) 2 , 7 , 9 , 9 , 3 , 4 , 7
2, 3, 4, 7, 7, 9, 9
Q1 = 3
Q3 = 9

mean = 5.9
median = 7
I.Q.R. = 6
M.A.D. = 2.4

Number	2	3	4	7	7	9	9
distance	3.9	2.9	1.9	1.1	1.1	3.1	3.1

5) 6 , 2 , 5 , 2 , 2 , 4 , 5
2, 2, 2, 4, 5, 5, 6
Q1 = 2
Q3 = 5

mean = 3.7
median = 4
I.Q.R. = 3
M.A.D. = 1.5

Number	2	2	2	4	5	5	6
distance	1.7	1.7	1.7	0.3	1.3	1.3	2.3

6) 8 , 4 , 7 , 8 , 9 , 5 , 4 , 2
2, 4, 4, 5, 7, 8, 8, 9
Q1 = 4
Q3 = 8

mean = 5.9
median = 6
I.Q.R. = 4
M.A.D. = 2.1

Number	2	4	4	5	7	8	8	9
distance	3.9	1.9	1.9	0.9	1.1	2.1	2.1	3.1

7) 8 , 5 , 3 , 6 , 8 , 8 , 6 , 3
3, 3, 5, 6, 6, 8, 8, 8
Q1 = 4
Q3 = 8

mean = 5.9
median = 6
I.Q.R. = 4
M.A.D. = 1.7

Number	3	3	5	6	6	8	8	8
distance	2.9	2.9	0.9	0.1	0.1	2.1	2.1	2.1

Answers

Ex.	3.8	4	5.5	2.2
1.	6.2	6	2.5	1.1
2.	4.8	5.5	5	1.9
3.	5.5	5.5	7	2.5
4.	5.9	7	6	2.4
5.	3.7	4	3	1.5
6.	5.9	6	4	2.1
7.	5.9	6	4	1.7

1-7	86	71	57	43	29	14	0