Name: _____

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

Ex) 8 , 9 , 4 , 5 , 9   mean = 7   Number   4   5   8   9   9

4, 5, 8, 9, 9   median = 8 distance   3   2   1   2   2

Q1 = 4.5   I.Q.R. = 4.5

Q3 = 9   M.A.D. = 2

Ex. <u>**7**</u> <u>**8**</u> <u>**4.5**</u> <u>**2**</u>

1) 2 , 2 , 9 , 4 , 2

1. ___ ___ ___ ___

2. ___ ___ ___ ___

3. ___ ___ ___ ___

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

4. ___ ___ ___ ___

5. ___ ___ ___ ___

3) 5 , 6 , 6 , 4 , 6 , 9

6. ___ ___ ___ ___

7. ___ ___ ___ ___

4) 5 , 6 , 5 , 2 , 1 , 6 , 1

5) 1 , 8 , 9 , 2 , 6 , 6 , 7

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

7) 3 , 8 , 5 , 7 , 9 , 7 , 5 , 3

Name:

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

Ex) 8 , 9 , 4 , 5 , 9

4, 5, 8, 9, 9

Q1 = 4.5

Q3 = 9

mean = 7   Number   4   5   8   9   9

median = 8 distance   3   2   1   2   2

I.Q.R. = 4.5

M.A.D. = 2

Ex. __7__ __8__ __4.5__ __2__

1) 2 , 2 , 9 , 4 , 2

2, 2, 2, 4, 9

Q1 = 2

Q3 = 6.5

mean = 3.8 Number   2   2   2   4   9

median = 2 distance 1.8   1.8   1.8   0.2   5.2

I.Q.R. = 4.5

M.A.D. = 2.2

1. __3.8__ __2__ __4.5__ __2.2__

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

1, 2, 6, 6, 8, 9

Q1 = 2

Q3 = 8

mean = 5.3 Number   1   2   6   6   8   9

median = 6 distance 4.3   3.3   0.7   0.7   2.7   3.7

I.Q.R. = 6

M.A.D. = 2.6

2. __5.3__ __6__ __6__ __2.6__

3) 5 , 6 , 6 , 4 , 6 , 9

4, 5, 6, 6, 6, 9

Q1 = 5

Q3 = 6

mean = 6   Number   4   5   6   6   6   9

median = 6 distance   2   1   0   0   0   3

I.Q.R. = 1

M.A.D. = 1

3. __6__ __6__ __1__ __1__

4) 5 , 6 , 5 , 2 , 1 , 6 , 1

1, 1, 2, 5, 5, 6, 6

Q1 = 1

Q3 = 6

mean = 3.7 Number   1   1   2   5   5   6   6

median = 5 distance 2.7   2.7   1.7   1.3   1.3   2.3   2.3

I.Q.R. = 5

M.A.D. = 2

4. __3.7__ __5__ __5__ __2__

5) 1 , 8 , 9 , 2 , 6 , 6 , 7

1, 2, 6, 6, 7, 8, 9

Q1 = 2

Q3 = 8

mean = 5.6 Number   1   2   6   6   7   8   9

median = 6 distance 4.6   3.6   0.4   0.4   1.4   2.4   3.4

I.Q.R. = 6

M.A.D. = 2.3

5. __5.6__ __6__ __6__ __2.3__

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

2, 4, 5, 5, 7, 7, 9, 9

Q1 = 4.5

Q3 = 8

mean = 6   Number   2   4   5   5   7   7   9   9

median = 6 distance   4   2   1   1   1   1   3   3

I.Q.R. = 3.5

M.A.D. = 2

6. __6__ __6__ __3.5__ __2__

7) 3 , 8 , 5 , 7 , 9 , 7 , 5 , 3

3, 3, 5, 5, 7, 7, 8, 9

Q1 = 4

Q3 = 7.5

mean = 5.9 Number   3   3   5   5   7   7   8   9

median = 6 distance 2.9   2.9   0.9   0.9   1.1   1.1   2.1   3.1

I.Q.R. = 3.5

M.A.D. = 1.9

7. __5.9__ __6__ __3.5__ __1.9__

Math

1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0 |