#1

Look at this set of numbers. How would the mean change if the number 8 replaced the number 5 in the set?

10,1,6,9,10,6,7,5

○ Decrease   ○ Increase   ○ No Change   *Show your work*

#2

Look at this set of numbers. How would the mode change if the number 8 replaced the number 7 in the set?

7,9,9,4

○ Multiple modes   ○ No mode   ○ Increase

○ Decrease   ○ No Change   *Show your work*

#3

Look at this set of numbers. How would the median change if the number 7 were added to the set?

10,5,4,6,10,9,5,7

○ No Change   ○ Decrease   ○ Increase   *Show your work*

Name:

#4

Look at this set of numbers. How would the mode change if the number 5 were added to the set?

10,3,1,3,5,6,8

○ No Change   ○ Multiple modes   ○ Decrease

○ No mode   ○ Increase

Show your work

#5

Look at this set of numbers. How would the median change if the number 9 replaced the number 4 in the set?

1,9,8,10,9,7,4,3,8

○ Decrease   ○ No Change   ○ Increase

Show your work

#6

Look at this set of numbers. How would the median change if the number 4 replaced the number 7 in the set?

7,2,5,1,1,9,1,10,6

○ Increase   ○ No Change   ○ Decrease

Show your work

#7

Look at this set of numbers. How would the mode change if the number 10 were added to the set?

6,9,5,5,10

○ Multiple modes   ○ Decrease   ○ Increase

      ○ No mode   ○ No Change

Show your work

#8

Look at this set of numbers. How would the range change if the number 5 replaced one of the 4's in the set?

4,4,7,2,5,8

○ Increase   ○ No Change   ○ Decrease

Show your work

#9

Look at this set of numbers. How would the mode change if the number 1 were added to the set?

6,9,4,3,9

○ Decrease   ○ Multiple modes   ○ No mode

      ○ No Change   ○ Increase

Show your work

#10

Look at this set of numbers. How would the mode change if the number 10 were added to the set?

6,4,1,9,2,1

○ Increase   ○ No Change   ○ Decrease

○ Multiple modes   ○ No mode

Show your work

#11

Look at this set of numbers. How would the median change if the number 7 replaced the number 9 in the set?

9,1,2,5,2,5

○ No Change   ○ Increase   ○ Decrease

Show your work

#12

Look at this set of numbers. How would the mode change if the number 8 replaced the number 5 in the set?

5,3,2,3

○ No Change   ○ Multiple modes   ○ No mode

○ Decrease   ○ Increase

Show your work

Question	Answer
#1	choice 2
#2	choice 5
#3	choice 3
#4	choice 2
#5	choice 2
#6	choice 3
#7	choice 1
#8	choice 2
#9	choice 4
#10	choice 2
#11	choice 1
#12	choice 1