#1

Look at this set of numbers. How would the mode change if the number 4 were added to the set?

3,4,6,7,5,8,5,2

○ Increase   ○ Multiple modes   ○ No Change

○ Decrease   ○ No mode

Show your work

#2

Look at this set of numbers. How would the mean change if the number 3 replaced one of the 5's in the set?

3,5,6,3,5

○ Decrease   ○ No Change   ○ Increase

Show your work

#3

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

Name:

#4

Look at this set of numbers. How would the mode change if the number 10 replaced the number 5 in the set?

9,1,1,5,8

○ No Change   ○ Decrease   ○ No mode

○ Increase   ○ Multiple modes

Show your work

#5

Look at this set of numbers. How would the range change if the number 6 were added to the set?

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

○ Increase   ○ Decrease   ○ No Change

Show your work

#6

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

4,4,2,6,9,9,7

○ No Change   ○ Increase   ○ Decrease

Show your work

#7

Look at this set of numbers. How would the mode change if the number 3 were added to the set?

4,1,3,9,7,1,2

○ Increase   ○ No mode   ○ Multiple modes

○ Decrease   ○ No Change

Show your work

#8

Look at this set of numbers. How would the mode change if the number 2 replaced the number 4 in the set?

4,7,6,6

○ No Change   ○ No mode   ○ Increase

○ Decrease   ○ Multiple modes

Show your work

#9

Look at this set of numbers. How would the median change if the number 8 replaced the number 6 in the set?

6,4,2,3,1

○ Increase   ○ Decrease   ○ No Change

Show your work

Name:

#10

Look at this set of numbers. How would the range change if the number 3 replaced one of the 4's in the set?

6,2,4,7,4

○ Increase   ○ Decrease   ○ No Change

Show your work

#11

Look at this set of numbers. How would the mode change if the number 4 were added to the set?

1,3,4,8,6,3,10,9

○ Multiple modes   ○ Increase   ○ No Change

○ Decrease   ○ No mode

Show your work

#12

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

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

○ No Change   ○ Increase   ○ Decrease

Show your work

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

Math Games