



#1

Look at this set of numbers. How would the mode change if the number 8 were added to the set?

1,5,2,3,4,10,1

- Increase       Decrease       No Change  
 Multiple modes       No mode

Show your work

#2

Look at this set of numbers. How would the mode change if the number 2 replaced the number 6 in the set?

8,6,4,5,10,8

- Decrease       No Change       Increase  
 Multiple modes       No mode

Show your work

#3

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

#4

Look at this set of numbers. How would the mode change if the number 2 replaced the number 5 in the set?

**5,4,1,9,8,10,8**

- Multiple modes     
  Increase     
  No Change  
 Decrease     
  No mode

Show your work

#5

Look at this set of numbers. How would the mode change if the number 2 replaced the number 9 in the set?

**4,4,9**

- Multiple modes     
  Decrease     
  No mode  
 Increase     
  No Change

Show your work

#6

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

**10,7,9,2**

- Decrease     
  Increase     
  No Change

Show your work

#7

Look at this set of numbers. How would the mode change if the number 5 replaced the number 1 in the set?

**8,1,6,4,3,3**

- No mode     
  Increase     
  Decrease  
 Multiple modes     
  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 mean change if the number 1 were added to the set?

**1,6,6,9**

- Decrease     
  Increase     
  No Change

Show your work

#10

Look at this set of numbers. How would the mode change if the number 2 replaced the number 3 in the set?

**3,5,8,7,6,9,1,9**

- No mode     
  No Change     
  Decrease  
 Increase     
  Multiple modes

Show your work

#11

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

#12

Look at this set of numbers. How would the median change if the number 8 were added to the set?

**4,2,9,4,2,6**

- Decrease     
  Increase     
  No Change

Show your work

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