



#1

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

**4,1,6,10,1**

- No Change       Decrease       Multiple modes  
 No mode       Increase

Show your work

#2

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

**3,8,2,5,2,10,1**

- Multiple modes       No Change       Increase  
 No mode       Decrease

Show your work

#3

Look at this set of numbers. How would the mode change if the number 7 replaced the number 1 in the set?

**2,8,8,5,1,4**

- No Change       Multiple modes       No mode  
 Increase       Decrease

Show your work

#4

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

#5

Look at this set of numbers. How would the median change if the number 10 replaced the number 6 in the set?

**10,10,8,6,3**

- No Change     
  Decrease     
  Increase

Show your work

#6

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

**5,6,9,7,10,1,1,8**

- No mode     
  No Change     
  Increase  
 Multiple modes     
  Decrease

Show your work

#7

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

#8

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

**4,4,6,4,7,6,6**

- Increase    
  No Change    
  Decrease

Show your work

#9

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

**8,9,10,6,10**

- Multiple modes    
  No mode    
  Decrease  
 No Change    
  Increase

Show your work



#10

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

**7,2,9,2,8,1**

- 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 4 were added to the set?

**2,1,3,3,7,2,2**

- Decrease       Increase       No Change

Show your work

#12

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

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