



#1

Look at this set of numbers. How would the mode change if the number 19 were added to the set?

29,13,2,10,9,30,14,27,9,3,13,22,4,12

- Decrease                       No mode  
 Increase                       No change in mode

Show your work

#2

Look at this set of numbers. How would the mode change if the number 9 replaced the number 10 in the set?

11,10,3,11,7,20,3

- Increase                       No mode  
 No change in mode               Decrease

Show your work

#3

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

2,23,1,30,21,5,16,3,25,25,19

- Decrease                       No change in mode  
 Increase                       No mode

Show your work



#4

Look at this set of numbers. How would the mode change if the number 16 were added to the set?

9,29,26,11,25

- No mode                       Increase  
 No change in mode            Decrease

Show your work

#5

Look at this set of numbers. How would the mode change if the number 3 replaced the number 8 in the set?

17,20,14,7,6,14,8,7

- No change in mode            No mode  
 Increase                         Decrease

Show your work

#6

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

26,30,6,9,23,15,22,28,18,12

- Increase                         Decrease  
 No change in mode            No mode

Show your work



#7

Look at this set of numbers. How would the mode change if the number 13 were added to the set?

**27, 28, 13, 22, 15**

- Increase                       Decrease  
 No mode                       No change in mode

Show your work

#8

Look at this set of numbers. How would the mode change if the number 5 replaced one of the 20's in the set?

**13, 1, 20, 11, 19, 1, 12, 20, 1, 16**

- Increase                       No mode  
 Decrease                       No change in mode

Show your work

#9

Look at this set of numbers. How would the mode change if the number 5 replaced the number 16 in the set?

**20, 13, 16, 2, 11, 9, 15, 3, 18**

- No mode                       Increase  
 No change in mode                       Decrease

Show your work



#10

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

**1, 19, 26, 11, 5**

- No mode                       No change in mode  
 Increase                       Decrease

Show your work

#11

Look at this set of numbers. How would the mode change if the number 2 replaced the number 19 in the set?

**19, 8, 3, 18, 8, 11, 17**

- Decrease                       Increase  
 No mode                       No change in mode

Show your work

#12

Look at this set of numbers. How would the mode change if the number 16 were added to the set?

**3, 17, 4, 21, 13, 24, 17, 25**

- No change in mode                       No mode  
 Decrease                       Increase

Show your work

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