



#1

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

**3,6,8,3,13,3**

- Increase                       No change in mode  
 No mode                         Decrease

Show your work

#2

Look at this set of numbers. How would the mode change if the number 9 replaced the number 11 in the set?

**18,3,14,11,13**

- Decrease                       No change in mode  
 No mode                         Increase

Show your work

#3

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

**2,20,23,8,6,3,20,25,27,7,30,18**

- No mode                       Decrease  
 Increase                       No change in mode

Show your work



#4

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

4,13,30,27,22,1,19,19

- Decrease                       Increase  
 No mode                       No change in mode

Show your work

#5

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

#6

Look at this set of numbers. How would the mode change if the number 9 were added to the set?

7,17,11,21,17,17,25,28,1,25,5,5,25,25

- No change in mode                       Decrease  
 No mode                       Increase

Show your work



#7

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

#8

Look at this set of numbers. How would the mode change if the number 9 replaced the number 13 in the set?

**5, 7, 10, 19, 3, 15, 13, 8**

- No mode                       No change in mode  
 Decrease                       Increase

Show your work

#9

Look at this set of numbers. How would the mode change if the number 26 were added to the set?

**24, 1, 21, 26, 27, 7, 28, 27**

- Decrease                       Increase  
 No change in mode                       No mode

Show your work



#10

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

1,19,14,9,3,13,24,16,4,19,18,26

- Increase                       Decrease  
 No mode                       No change in mode

Show your work

#11

Look at this set of numbers. How would the mode change if the number 4 replaced the number 20 in the set?

7,8,11,1,20

- No change in mode                       Increase  
 No mode                       Decrease

Show your work

#12

Look at this set of numbers. How would the mode change if the number 10 replaced the number 14 in the set?

5,5,9,1,7,4,14

- Decrease                       No mode  
 Increase                       No change in mode

Show your work

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