**WORD PROBLEM WORKSHEET**

 For all the following problems, **you must write an equation**.

1) The sum of a number and 8 is the opposite of -8.  
  
2)   Twenty less than five times a number, divided by 2, is fifteen.  
  
3)   Three times the sum of four and a number is twice the number.  
  
4)   55 more than a number is twenty.                  
  
5)   One-third of a number is -12.  
  
6)    Six times a number increased by 3 is 33.      
  
7)   Two times the sum of nine and a number is the opposite of 9.  
  
8)    Ten less than twice a number is 26.         
  
9)   The quotient of five and a number decreased by three is -5.  
  
10)    If we increase a number by 12 and divide it by 2, the result is 14.  
  
11)    Half of a number is equal to 8 more than the number.  
  
12)    Three times the difference of eight and twice a number is five times the number.  
  
13)    A number divided by three is nine more than the number.  
  
14)   Find two consecutive odd integers whose sum is 160.  
  
15)   Find three consecutive integers whose sum is 186.  
  
16)   Trisha has a bag with 32 dimes and nickels worth $2.80.  How many of each coin does she have?  
   
17)    Find two consecutive integers whose sum is 139.

18)   Find 3 consecutive odd integers whose sum is 171.   
  
19)   A newspaper stand has 200 coins at the end of the day, all dimes and quarters.  If the value of the coins is $42.50, how many of each coin were in the stand?   
  
20)   A bank teller had 125 bills in $10 and $20 bills to start the day.  If the total in her register was $1650, how many of each bill did the teller start off with?