Name: _____          Date: _____

Algebra I

<u>Directions</u>: Form let statement(s), set up an algebraic equation, and solve algebraically.

1.  The sum of two consecutive odd integers is 40.  Find the integers.

2.  Find two consecutive even integers whose sum is 86.

3.  Find three consecutive even integers whose sum is -12.

4.  Find four consecutive even integers whose sum is 44.

5.  Find three consecutive even integers such that twice the largest is 2 less than three times the smallest.

6.  Find three consecutive odd integers such that the sum of the first and third is 37 more than the second.  Find the integers.

7.  Find three positive consecutive odd integers such that the largest decreased by twice the second is equal to 10 less than the smallest.  Find the integers.

8.  Find three consecutive even integers such that 8 more than the third is twice the first.  Find the numbers.

9.  Find three consecutive even integers such that twice the sum of the first and second is 10 more than three times the third.  Find the integers.

10.  Find three consecutive odd integers such that the largest decreased by three times the second is 47 less then the smallest.

11. Find three consecutive odd integers such that twice the sum of the second and third is 43 more than three times the first.

12. Find four consecutive odd integers such that the sum of the first three exceeds twice the fourth by 5.