**Lesson 2-4: Day 2 on Consecutive integers and equations with more than one variable.**

Warm up

1. Find two consecutive even integers such that the sum of the larger and twice the smaller is 62.

Must define the variables first.

Let \_\_\_\_\_\_\_\_\_\_ = 1st Let \_\_\_\_\_\_\_\_\_\_ = 2nd

Equation:

Solve Solution: \_\_\_\_\_, \_\_\_\_\_\_\_,

2.Seven times a number is equal to 12 more than 3 times the number. Find the number.

3.Ten more than 6 times a number is 4 less than 4 times the number.

4.The second of two numbers is 4 times the first. Their sum is 50. Find the numbers.

5.The second of two numbers is 5 more than twice the first. Their sum is 80. Find the numbers.

6.The perimeter of a rectangle is 24 inches. Find the dimensions if its length is 3 inches greater than its width.

**On to equations with more than one variable:**

1]Solve for h in terms of v and b 2] Solve for x

 

Solve for p in terms of A, r and t.

3] 4) 2A = 3P – 2rt