**Write an Equation Notes Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**Examples:**

1) The sum of two numbers is 45. The first is 9 less than the second. Find the numbers.

2) Together, a necklace and a bracelet cost $192. Find the price of each if the necklace costs 3 times as much as the bracelet.

3) The length of a rectangle is 2 cm less than 7 times the width. The perimeter is 60cm. Find the dimensions of the rectangle.

**You try:**

1. The perimeter of a rectangle is 64cm. The length is 4 cm less than twice the width. Find the length and width.

2. The second of two numbers is 4 times the first. Their sum is 45. Find the numbers.

**Consecutive Integers**: integers that *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**The sum of three consecutive integers is 96. Find the integers.**

= the least integer = the second integer = the third integer

First integer + second integer + third integer = 96

**Another example**: The sum of three consecutive *odd* integers whose sum is -27.

= the least integer = the second integer = the third integer

**You try**:

1) Four consecutive integers with a sum of 358.

2) Find two consecutive *even* integers whose sum is 66.

3) Three consecutive integers have a sum of 132. Find the integers.