Example #1:

y = 6
2x + y = 12

- 1st equation is solved for y
  - We know y = ____
  - Where we see___ in the 2nd equation , plug in ___

2x + _____ = 12

x = _____

- We already know y = ____
- Solution (____, ____)

3. **Example #2:**

x + y = 5
y = 3 + x

Step 1: Solve an equation for one variable

The _____ equation is already solved for **y**

y = _____

Step 2: Substitute

x + y = 5

x + _____ = 5

Step 3: Solve the equation

Step 4: Plug back in to find the other variable

Solution =
(____,____)

4. **Example #3:**

$x = 3 - y$
$x + y = 7$

Step 1: Solve an equation for one variable.

The _____ equation is already solved for **x**

x = _____

Step 2: Substitute

x + y = 7

(_____) + y = 7

Step 3: Solve the equation

Does _____ = _____? _____

Because this is _____ this system has

_____