

5. **Example #4:**

$$2x + y = 4$$

$$4x + 2y = 8$$

Step 1: Solve an equation for one variable.

It is easiest to solve the _____ equation for _____

$$2x + y = 4$$

$$y = \underline{\hspace{2cm}}$$

Step 2: Substitute

Step 3: Solve the equation

Does _____ = _____? _____

Because this is _____ this system has

6. Example #5:

$$3y + x = 7$$
$$4x - 2y = 0$$

Step 1: Solve an equation for one variable

It is easiest to solve the _____ equation for _____

$$3y + x = 7$$

$$x = \underline{\hspace{2cm}}$$

Step 2: Substitute

Step 3: Solve the equation

Step 4: Plug back in to find the other variable

Solution =
()