

Example Question:

Step 1: change one of the equations so you have either the x's the same or the y's the same:

Step 2: look at the signs in front of the 2 items that are now the same.

- If the signs are the same, SUBTRACT
- If the signs are different, ADD

Step 3: now you know one of the values, substitute it into one of the equations to find the value of the other letter:

If x = 2, x + 2y = 14 becomes 2 + 2y = 14 2y = 12 y = 6

Now you have your answer: x = 2 and y = 6

Practice Questions:

1) x + 4y = 19 2x + 3y = 18

- 2) 2x + 3y = 423x - y = 8
- 3) 4x y = 145x - 2y = 16

4)
$$5x + 3y = 5$$

 $2x - y = -9$

Answers:

$$A = \gamma$$
 bns $\mathcal{E} = x$ (1
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