Algebra I Lesson #3 Unit 9 Class Worksheet #3 For Worksheets #3 & #4

Solve each of the following systems of equations using the **multiplication-addition method**.

1.
$$5x + 3y = 29$$

 $x - 3y = -5$

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve for x, we must eliminate the y terms.

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To solve for x, we must eliminate the y terms.

Bring down the top equation.

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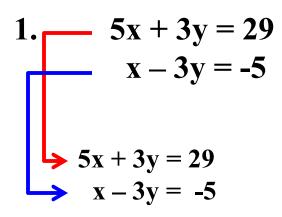
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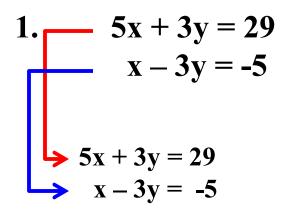


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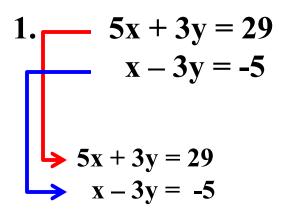
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Notice that the y terms are opposite.

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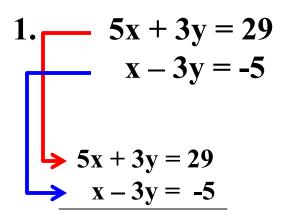
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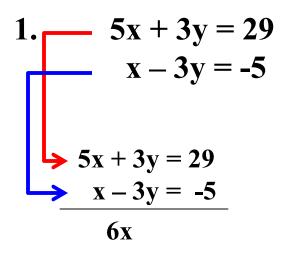
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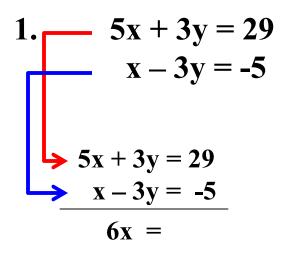
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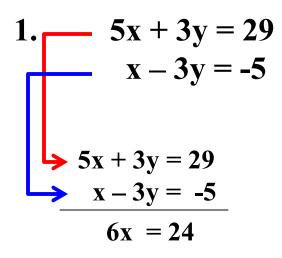
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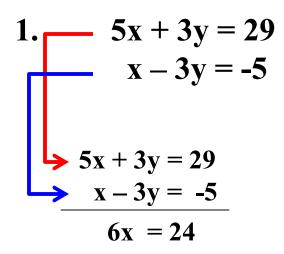
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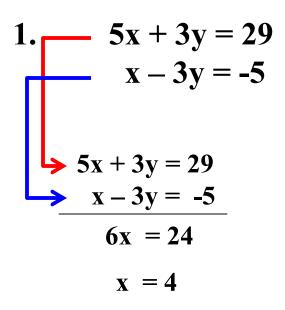
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Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

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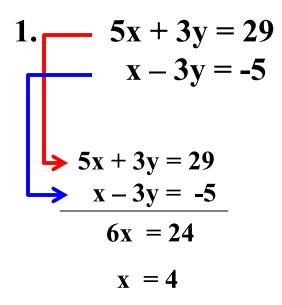
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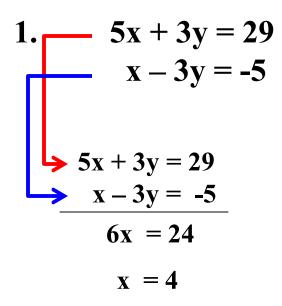
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To solve for y, we must eliminate the x terms.

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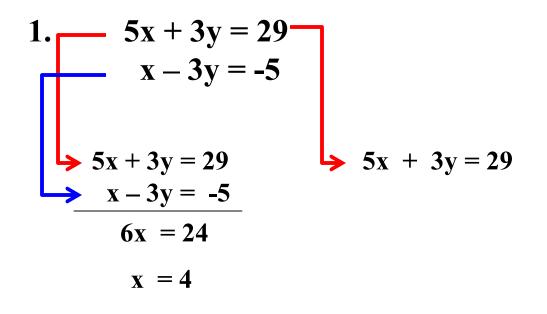
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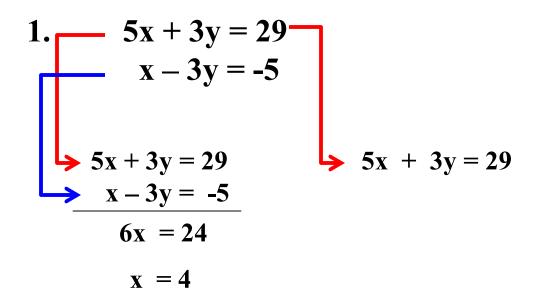
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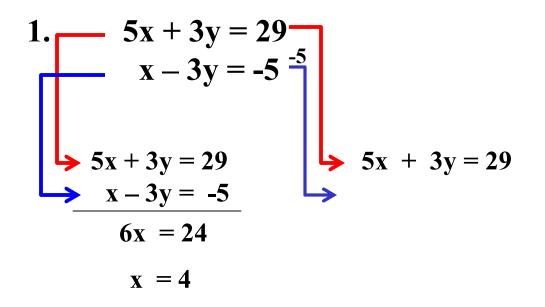
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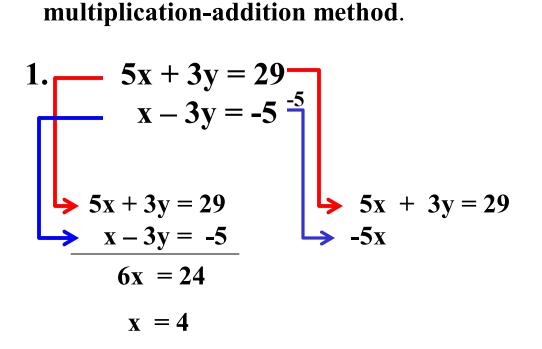
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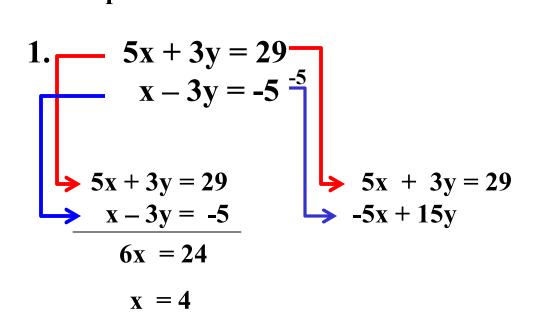
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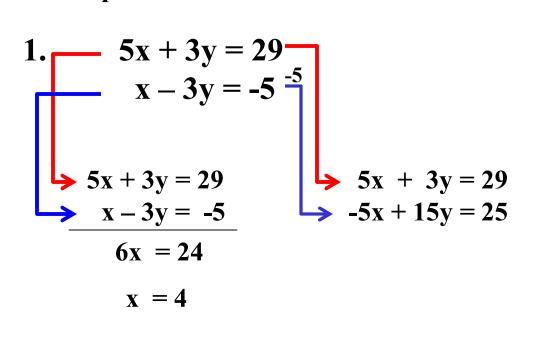
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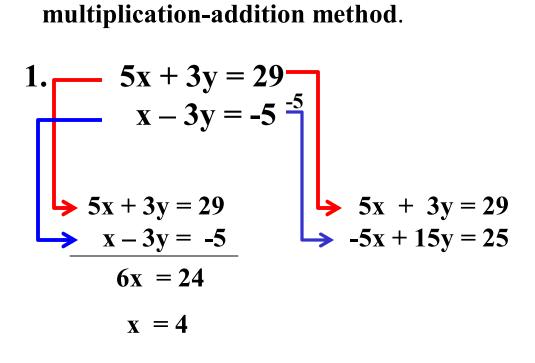
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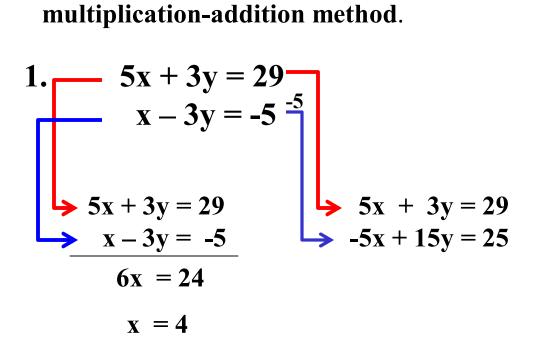
To solve for y, we must eliminate the x terms.

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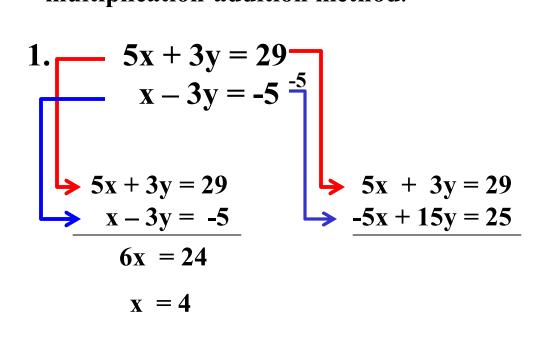
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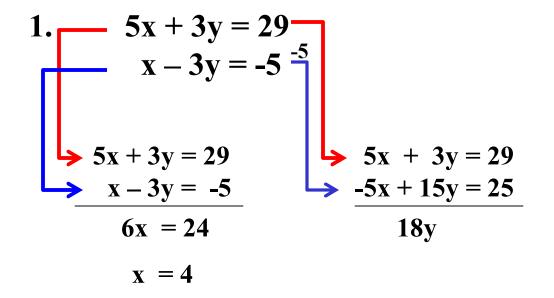
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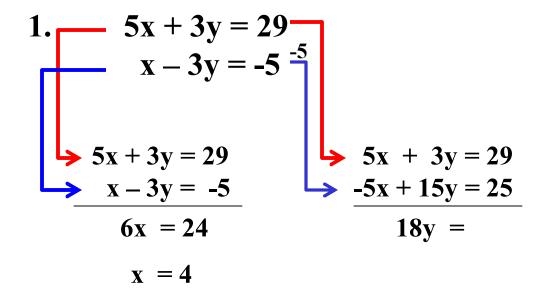
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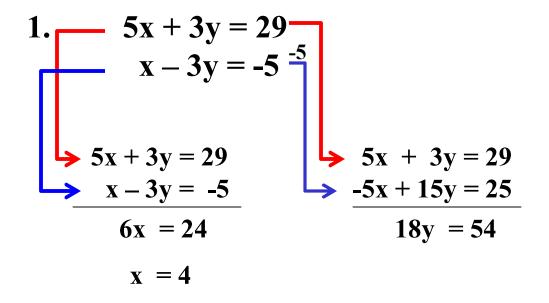
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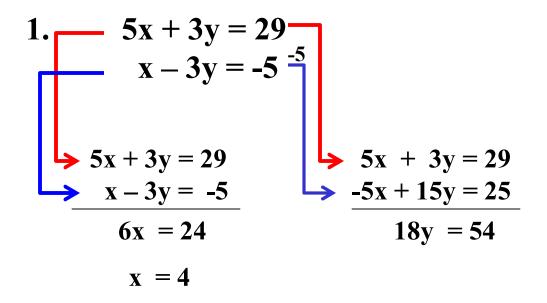
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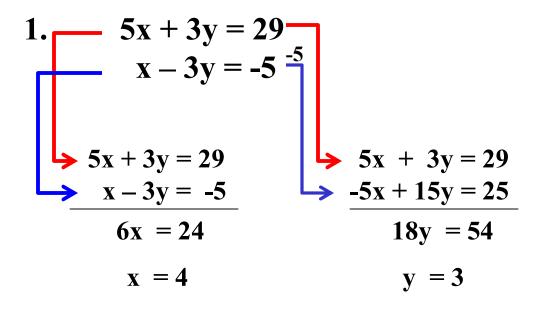
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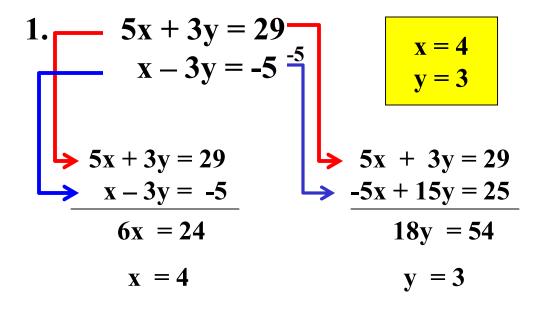
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$$4x + 5y = 10$$

 $2x - y = 12$

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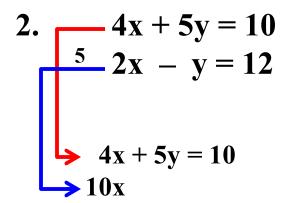
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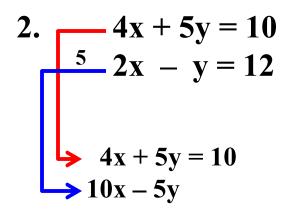
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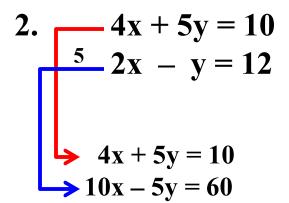
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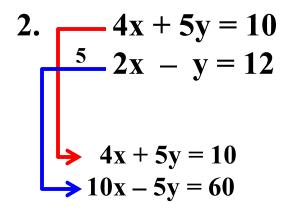
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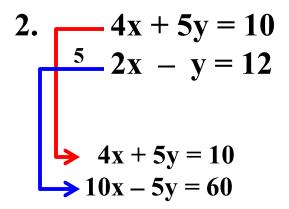
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Bring down the top equation.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

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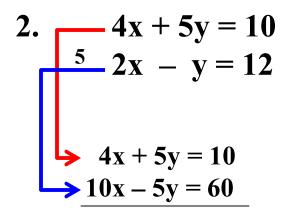


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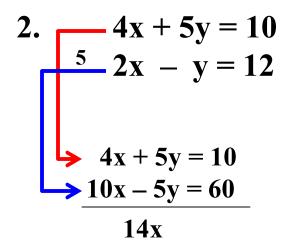


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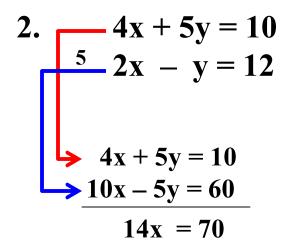


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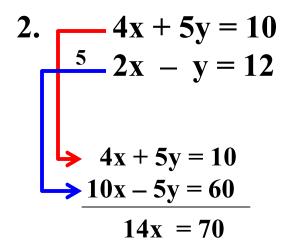


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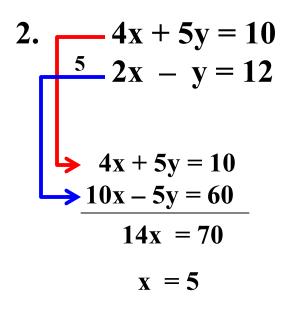
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Add the equations.

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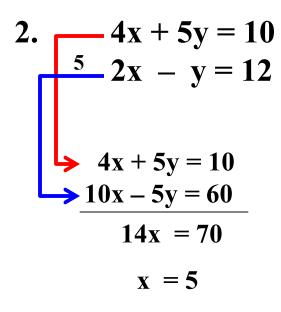
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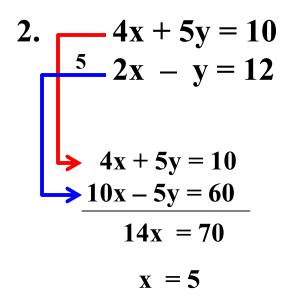
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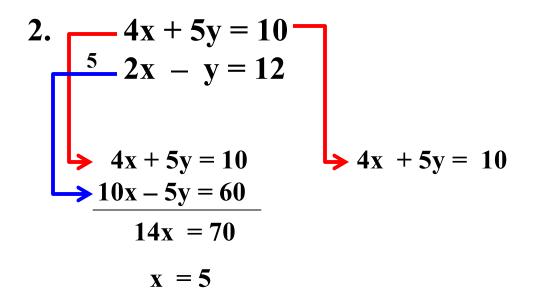
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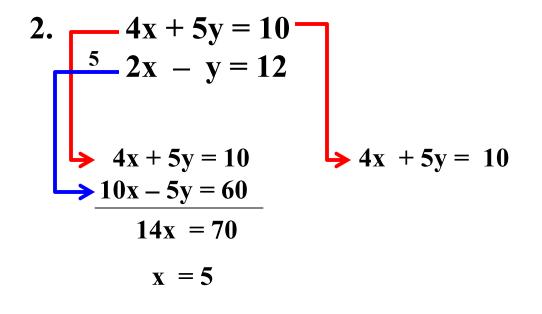
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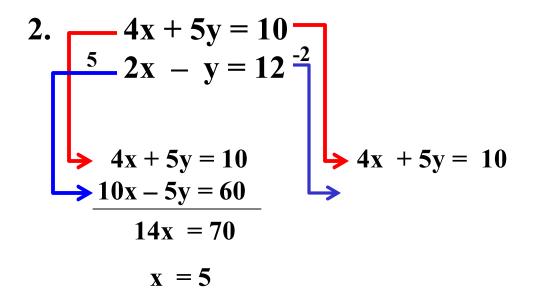
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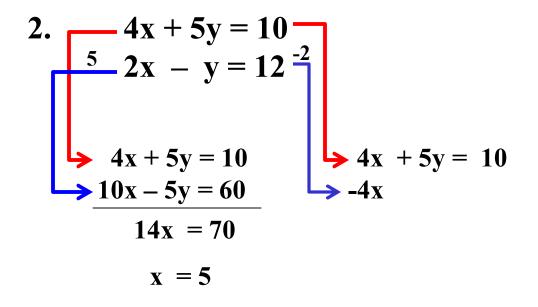
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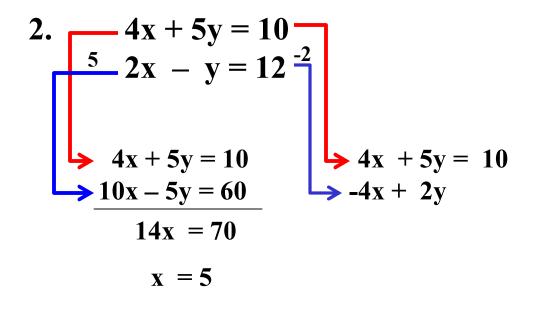
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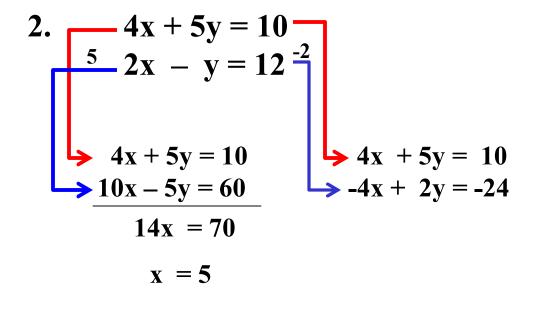
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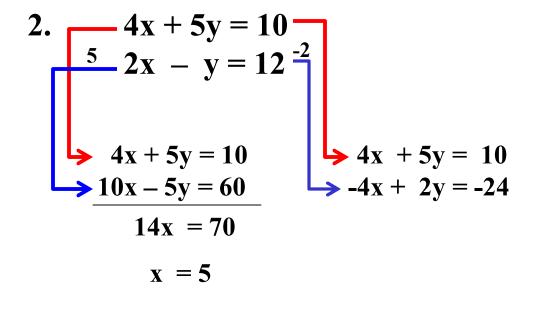
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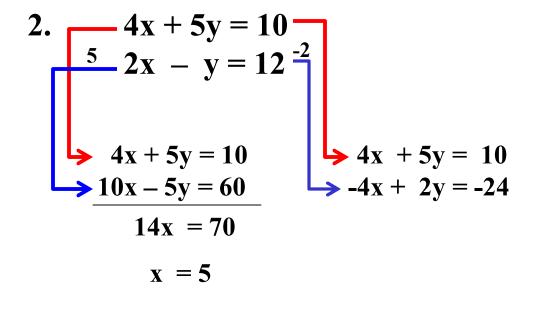
To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the multiplication-addition method.



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Multiply both sides of the bottom equation by 5.

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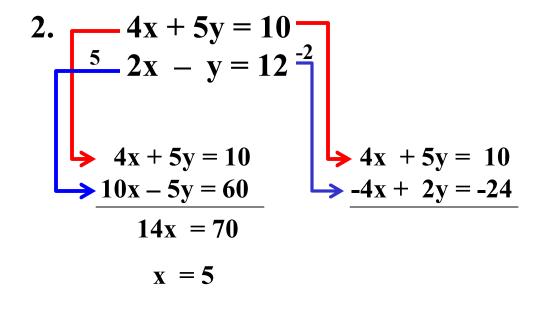
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Notice that the y terms are opposite.

Add the equations.

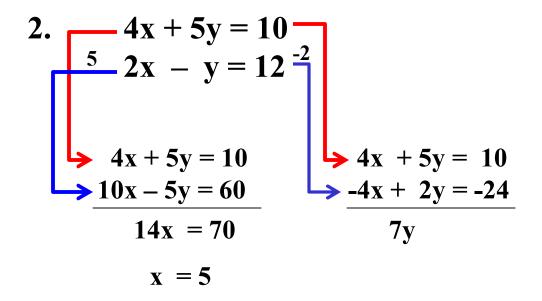
Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

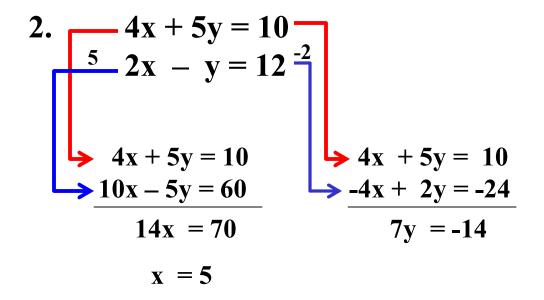
Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

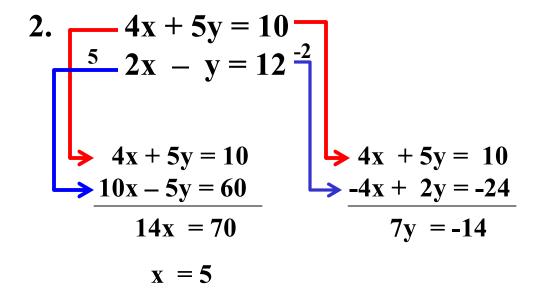
Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

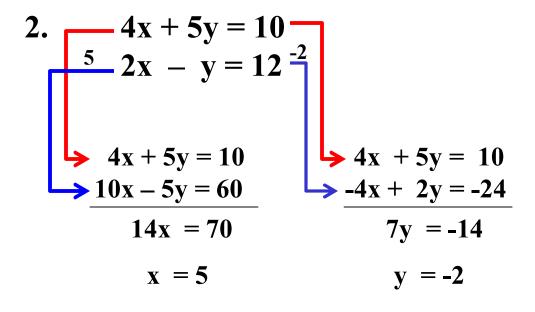
Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite. Add the equations.

Now, solve for y.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

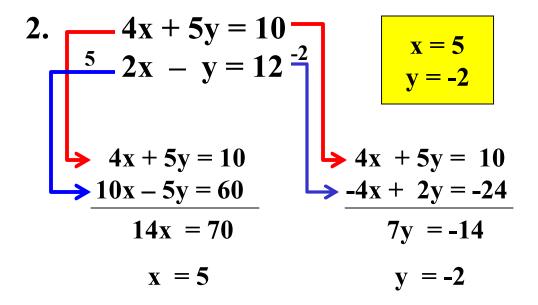
Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite. Add the equations.

Now, solve for y.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite. Add the equations.

Now, solve for y.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$6x + 5y = 13$$

 $3x - 2y = -16$

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve for x, we must eliminate the y terms.

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Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$6x + 5y = 13$$

 $3x - 2y = -16$

To solve for x, we must eliminate the y terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve for x, we must eliminate the y terms. Multiply both sides of the top

equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{3x - 2y} = 13$$
$$3x - 2y = -16$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

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Solve each of the following systems of equations using the **multiplication-addition method**.

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} 6x + 5y = 13$$

 $5 3x - 2y = -16$
 $12x + 10y = 26$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} 6x + 5y = 13$$

 $5 3x - 2y = -16$
 $12x + 10y = 26$
 $15x$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} 6x + 5y = 13$$

 $5 3x - 2y = -16$
 $\Rightarrow 12x + 10y = 26$
 $\Rightarrow 15x - 10y$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} \cdot 6x + 5y = 13$$

 $5 \cdot 3x - 2y = -16$
 $\Rightarrow 12x + 10y = 26$
 $\Rightarrow 15x - 10y = -80$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} 6x + 5y = 13$$

 $5 3x - 2y = -16$
 $\Rightarrow 12x + 10y = 26$
 $\Rightarrow 15x - 10y = -80$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} 6x + 5y = 13$$

 $5 3x - 2y = -16$
 $12x + 10y = 26$
 $15x - 10y = -80$

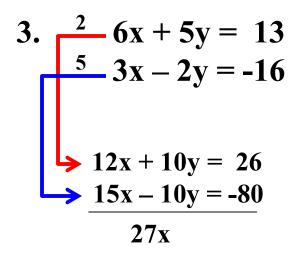
To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

3.
$$\frac{2}{5} 6x + 5y = 13$$

 $5 3x - 2y = -16$
 $12x + 10y = 26$
 $15x - 10y = -80$
 $27x = -54$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

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$$\frac{2}{5} 6x + 5y = 13$$

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To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

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$$27x = -54$$

$$x = -2$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

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To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.

3.
$$\frac{2}{5} \cdot 6x + 5y = 13$$

 $5 \cdot 3x - 2y = -16$

$$12x + 10y = 26$$

$$15x - 10y = -80$$

$$27x = -54$$

$$x = -2$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

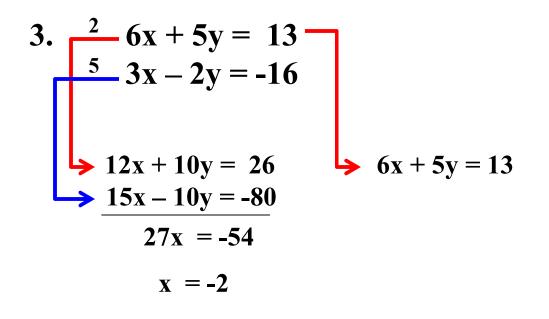
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

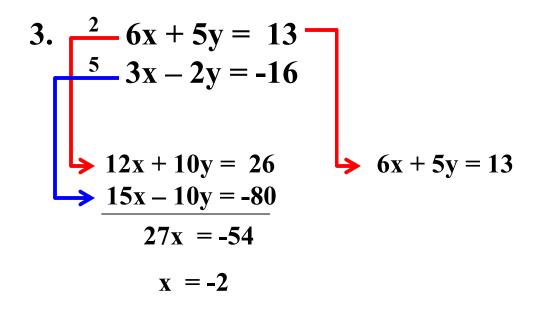
Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Solve each of the following systems of equations using the **multiplication-addition method**.



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Multiply both sides of the top equation by 2.

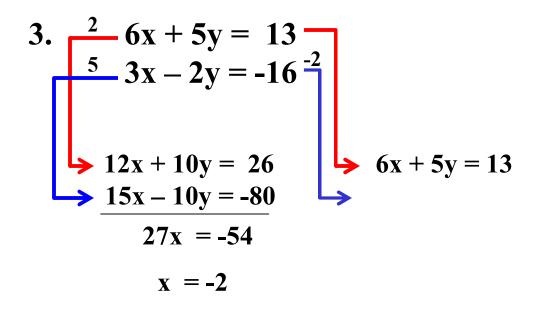
Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

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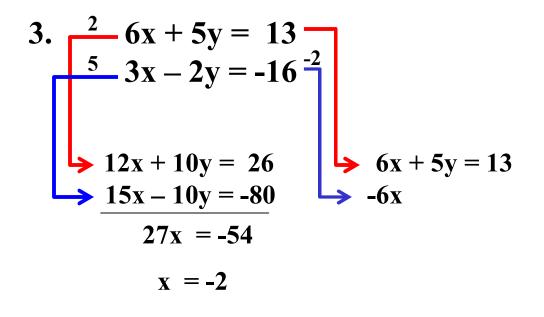
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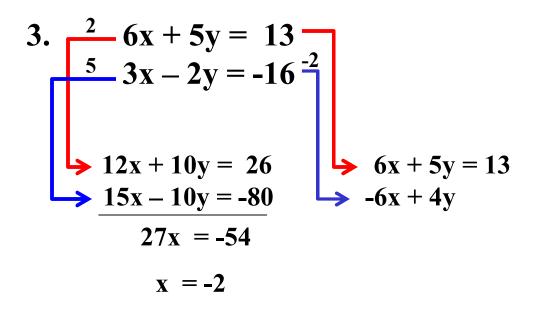
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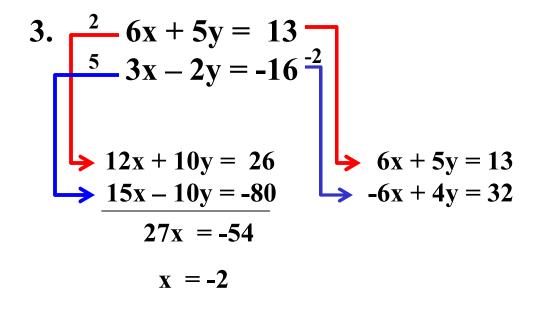
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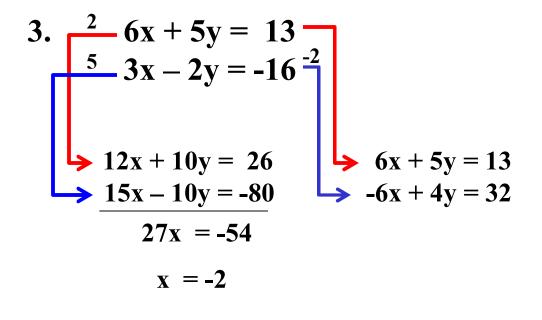
Add the equations.

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Solve each of the following systems of equations using the **multiplication-addition method**.



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Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

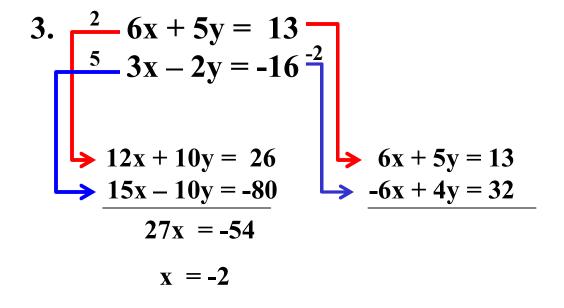
To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 5.

Notice that the y terms are opposite. Add the equations.

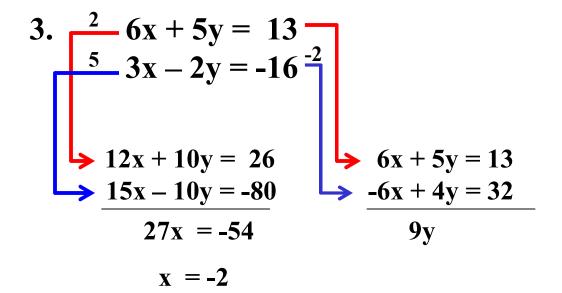
Now, solve for x.

To solve for y, we must eliminate the x terms.

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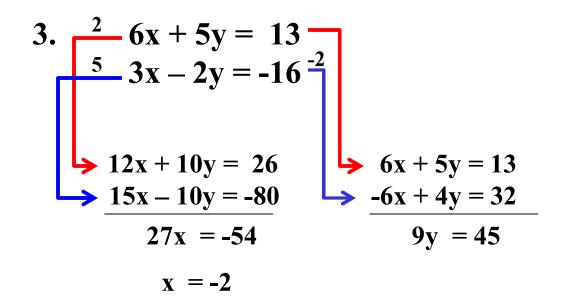
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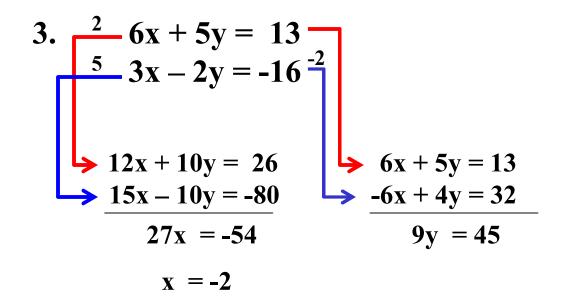
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Now, solve for x.

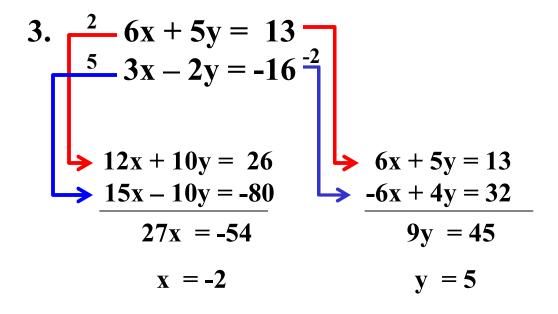
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Multiply both sides of the top equation by 2.

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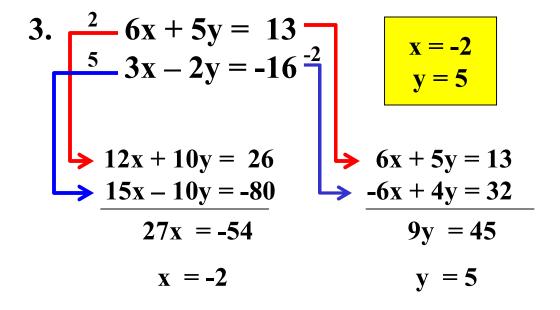
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Bring down the top equation. Multiply both sides of the bottom equation by -2.

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Now, solve for y.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

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Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation. Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite. Add the equations.

Now, solve for y.

Solve each of the following systems of equations using the **multiplication-addition method**.

4.
$$4x + y = 3$$

 $3x - 2y = 16$

Solve each of the following systems of equations using the **multiplication-addition method**.

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$$4x + y = 3$$

 $3x - 2y = 16$

To solve for x, we must eliminate the y terms.

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 $3x - 2y = 16$

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Solve each of the following systems of equations using the **multiplication-addition method**.

4.
$$\frac{2}{3x - 2y} = 3$$

 $3x - 2y = 16$
 $8x + 2y$

Solve each of the following systems of equations using the **multiplication-addition method**.

4.
$$\frac{2}{3x - 2y} = 3$$

 $3x - 2y = 16$
 $8x + 2y = 6$

Solve each of the following systems of equations using the **multiplication-addition method**.

4.
$$\frac{2}{3x - 2y} = 3$$

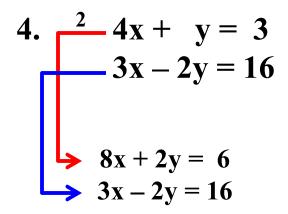
 $3x - 2y = 16$
 $8x + 2y = 6$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation.

Solve each of the following systems of equations using the **multiplication-addition method**.

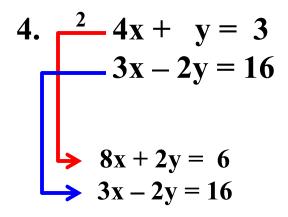


To solve for x, we must eliminate the y terms.

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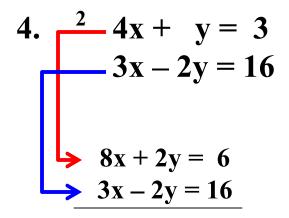


To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.

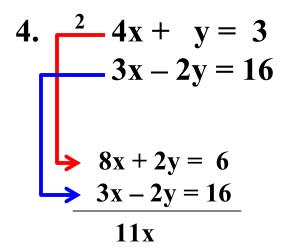


To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

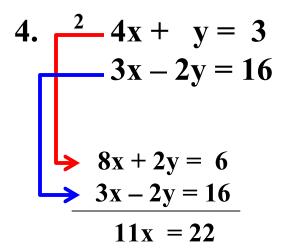


To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

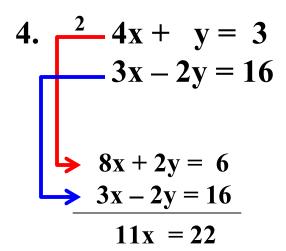


To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

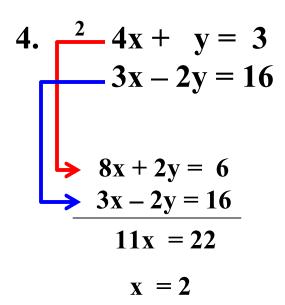
Bring down the bottom equation.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

Solve each of the following systems of equations using the **multiplication-addition method**.



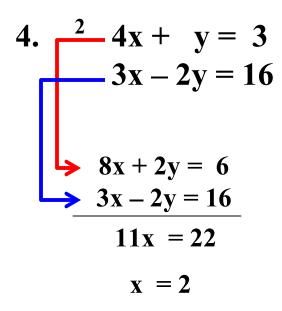
To solve for x, we must eliminate the y terms. Multiply both sides of the top

Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Now, solve for x.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

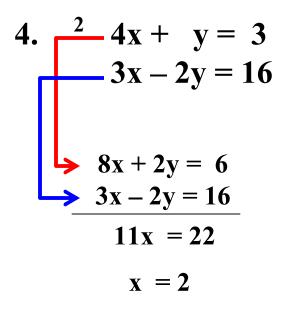
Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

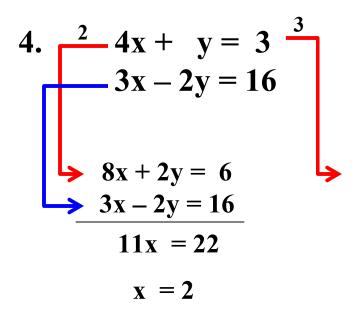
Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

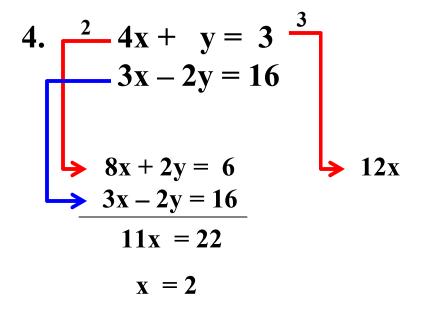
Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

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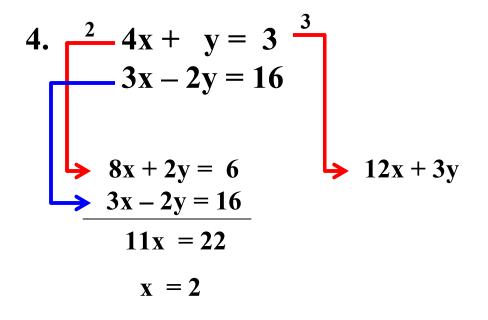
Notice that the y terms are opposite.

Add the equations.

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Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

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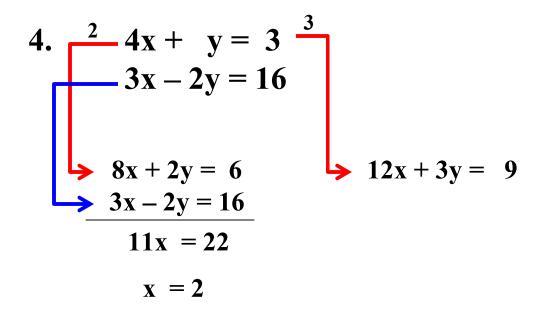
Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation.

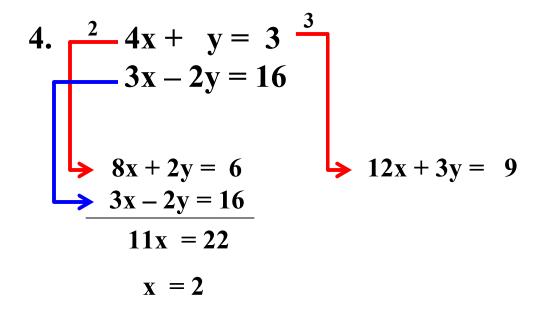
Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Bring down the bottom equation. Notice that the y terms are opposite.

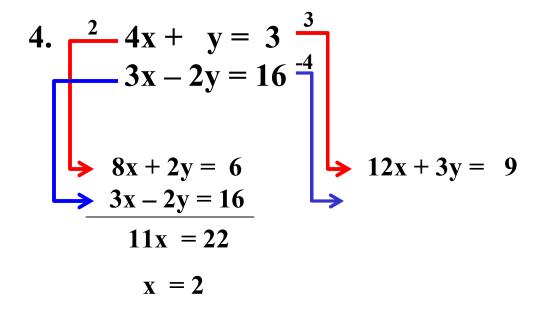
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

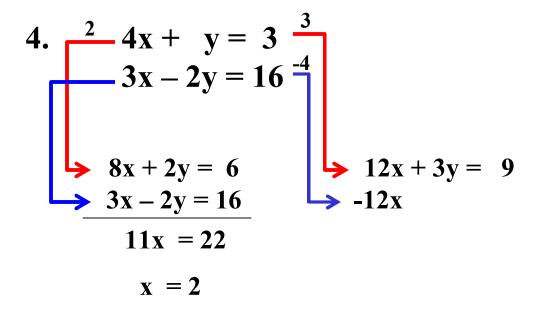
Bring down the bottom equation. Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

Solve each of the following systems of equations using the **multiplication-addition method**.



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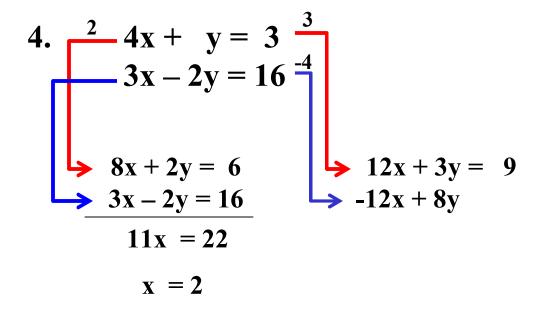
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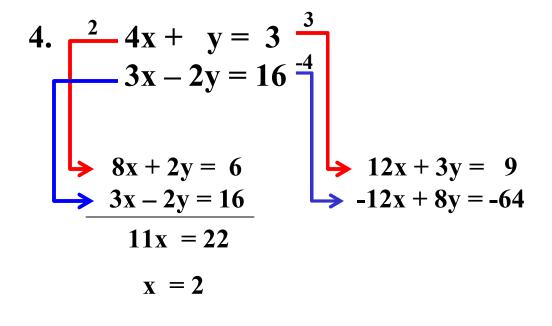
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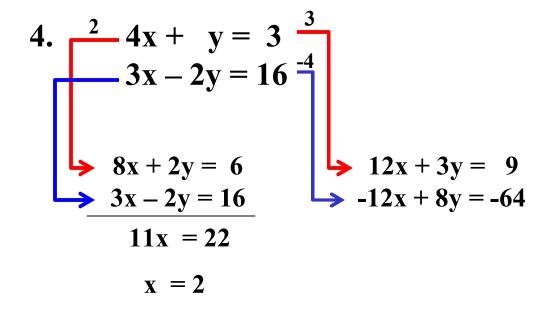
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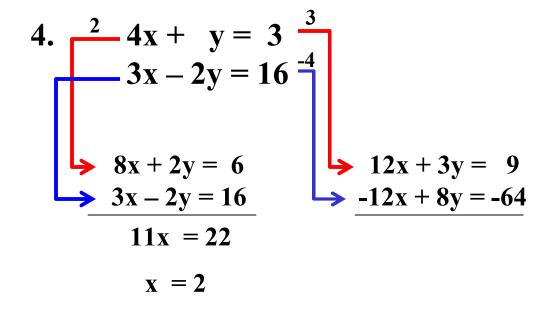
To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

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Notice that the x terms are opposite.

Solve each of the following systems of equations using the multiplication-addition method.



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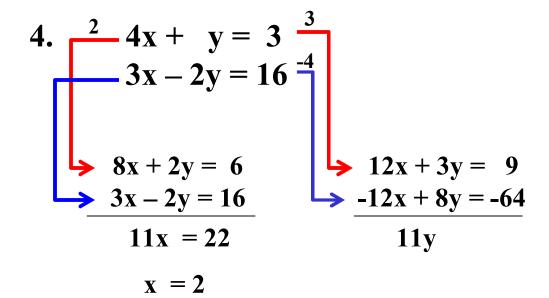
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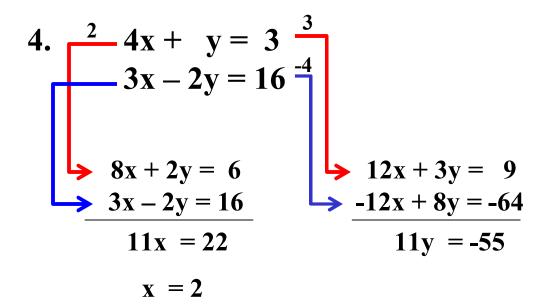
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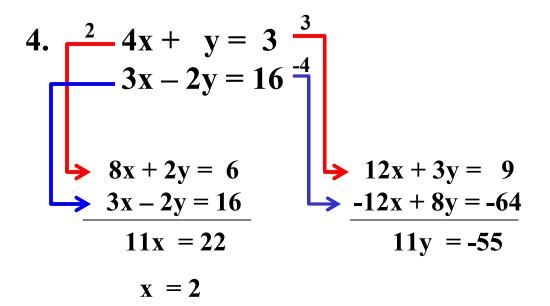
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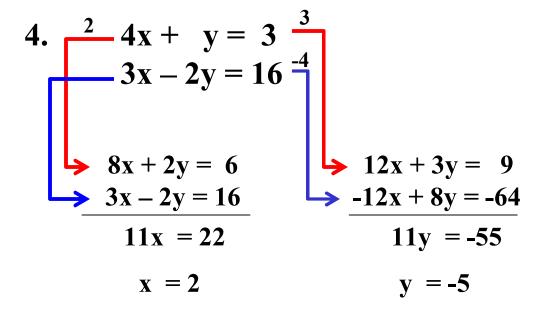
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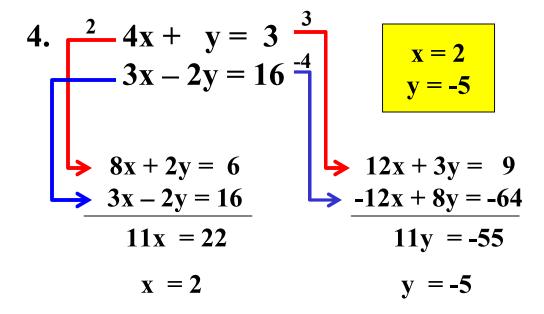
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$$3x + 5y = 12$$

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To solve

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To solve for x, we must eliminate the y terms. Multiply both sides of the top equation by 3.

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Solve each of the following systems of equations using the **multiplication-addition method**.

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 $2x + 3y = 7$
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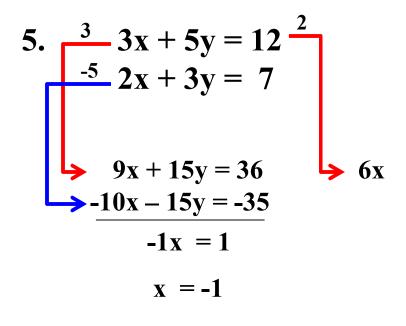
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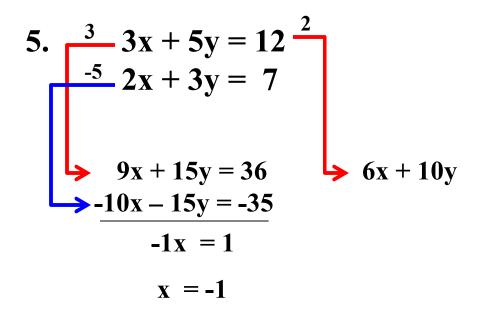
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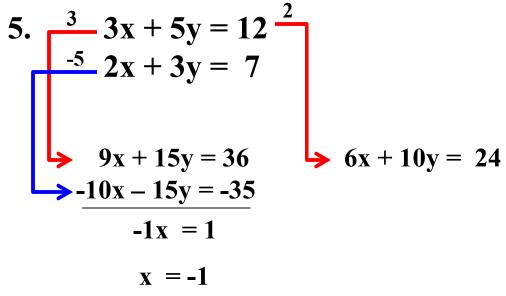
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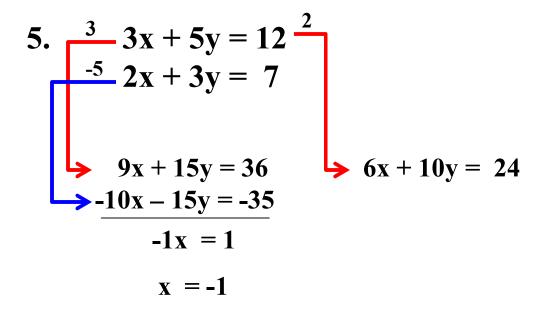
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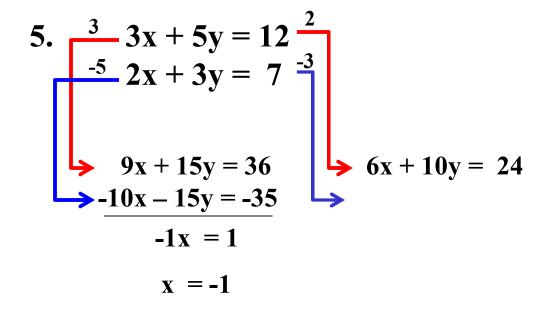
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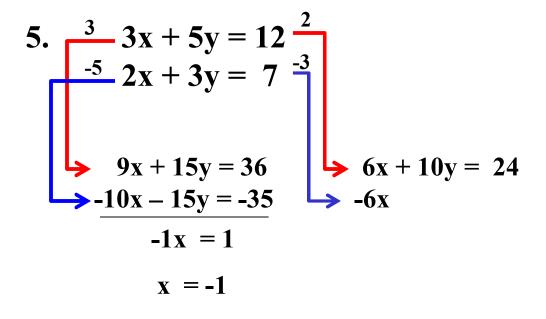
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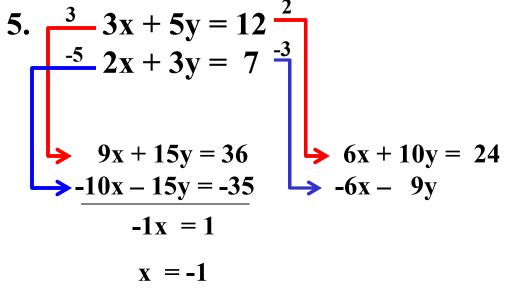
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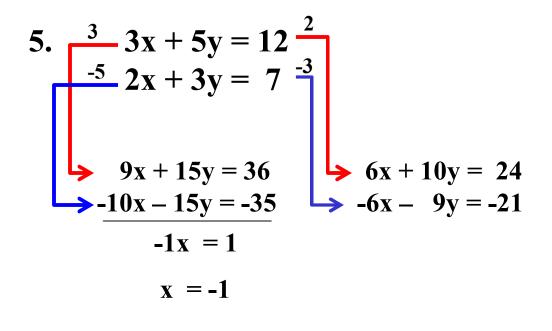
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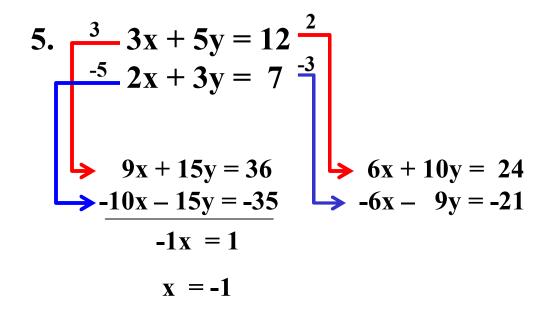
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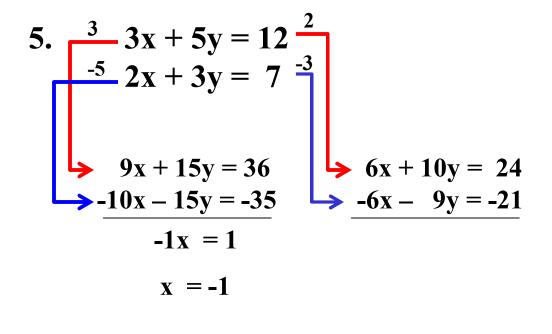
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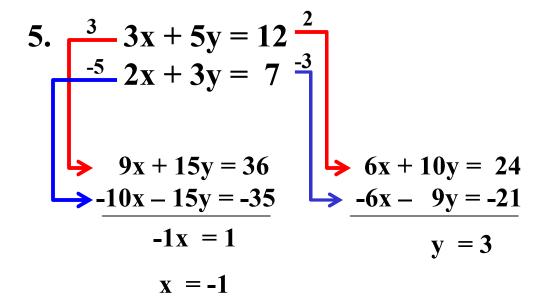
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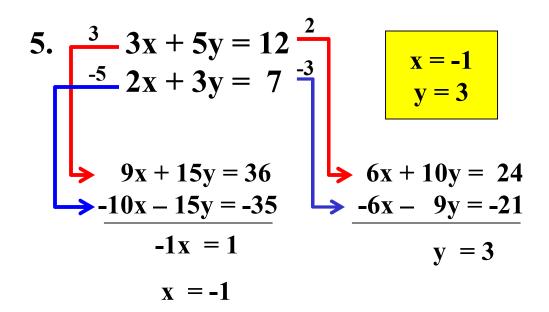
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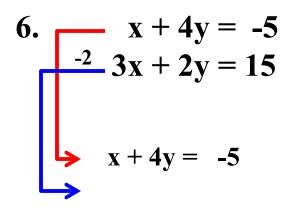
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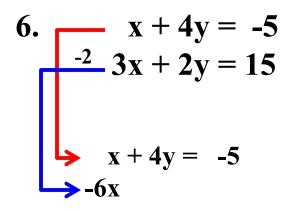
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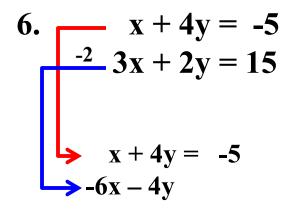
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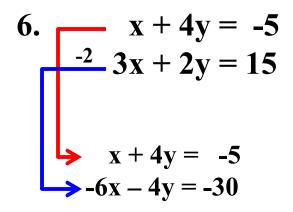
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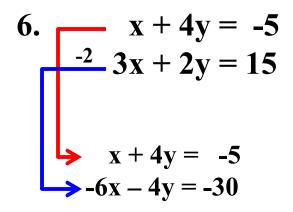
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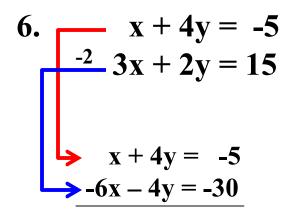
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Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the y terms are opposite.

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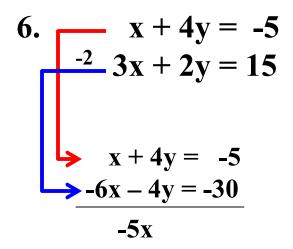
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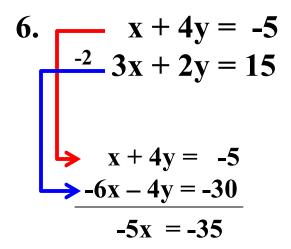
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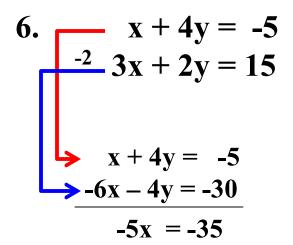
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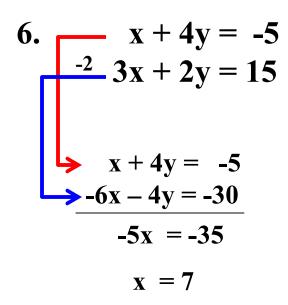
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To solve for x, we must eliminate the y terms.

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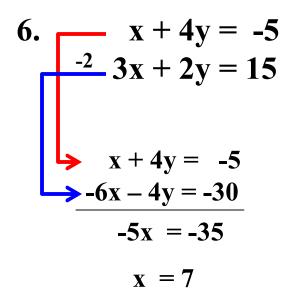
Multiply both sides of the bottom equation by -2.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

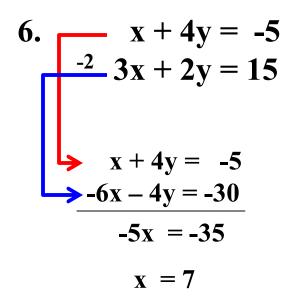
Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

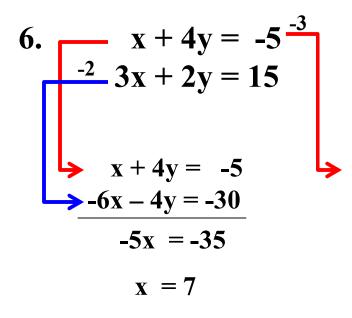
Notice that the y terms are opposite.

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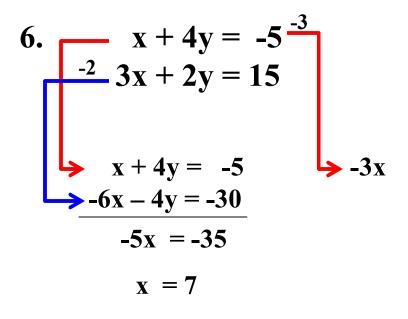
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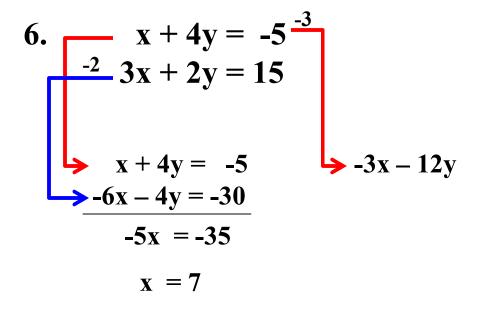
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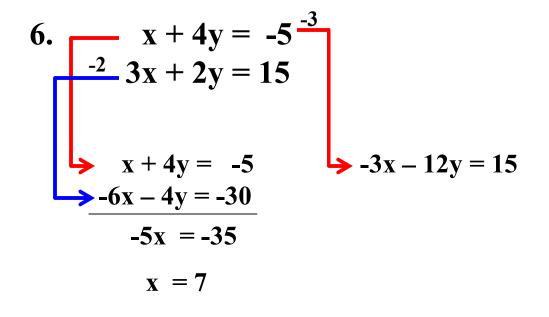
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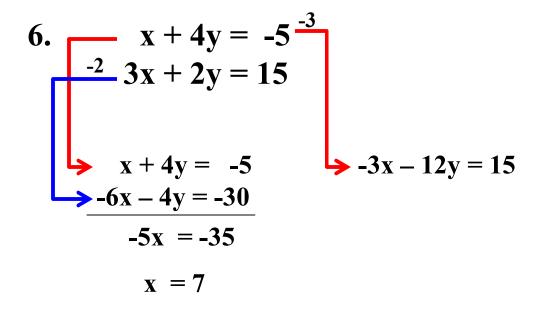
Notice that the y terms are opposite.

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Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the y terms are opposite.

Add the equations.

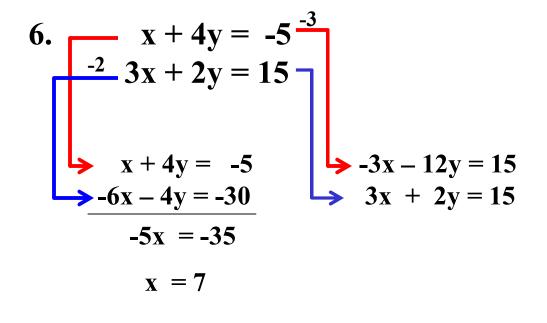
Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -2.

Notice that the y terms are opposite.

Add the equations.

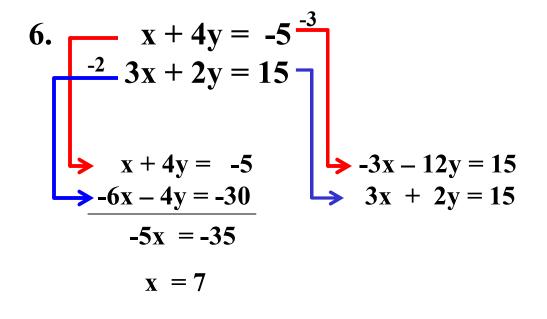
Now, solve for x.

To solve for y, we must eliminate the x terms.

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Bring down the bottom equation.

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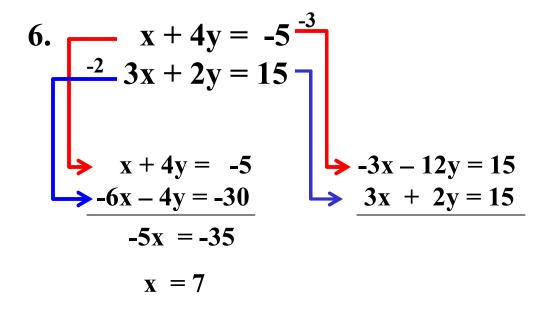
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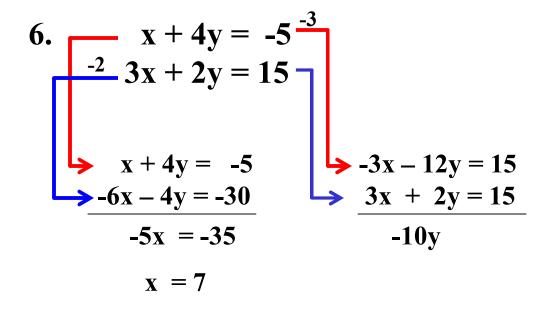
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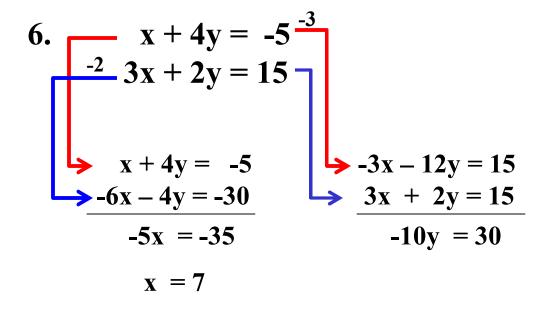
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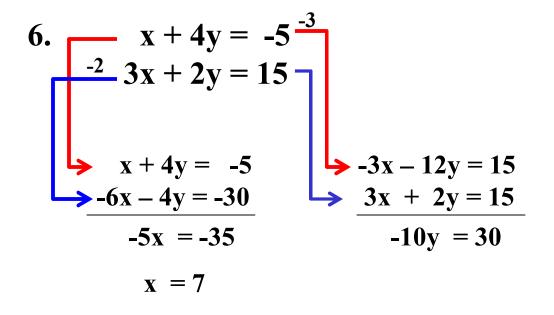
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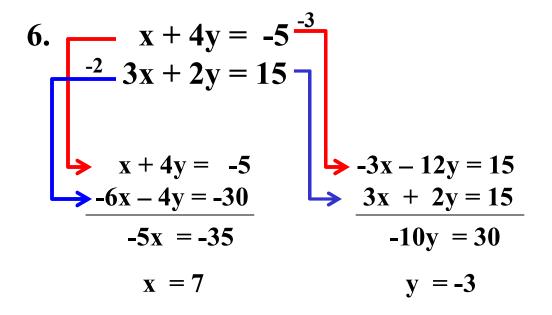
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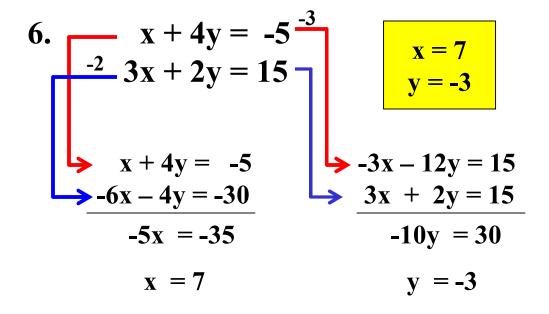
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Solve each of the following systems of equations using the **multiplication-addition method**.

7.
$$2x - y = 12$$

 $3x - 4y = 23$

Solve each of the following systems of equations using the **multiplication-addition method**.

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To solve for x, we must eliminate the y terms.

Multiply both sides of the top

Solve each of the following systems of equations using the **multiplication-addition method**.

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$$\frac{-4}{3x - 4y} = 12$$
 $3x - 4y = 23$

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Multiply both sides of the top equation by -4.

Solve each of the following systems of equations using the **multiplication-addition method**.

7.
$$-4 \ 2x - y = 12$$

 $3x - 4y = 23$
 $-8x + 4y$

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Solve each of the following systems of equations using the **multiplication-addition method**.

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$$-4 - 2x - y = 12$$

 $3x - 4y = 23$
 $-8x + 4y = -48$

To solve for x, we must eliminate the y terms. Multiply both sides of the top

equation by -4.

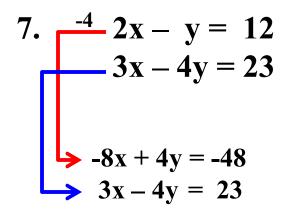
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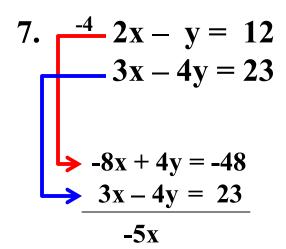
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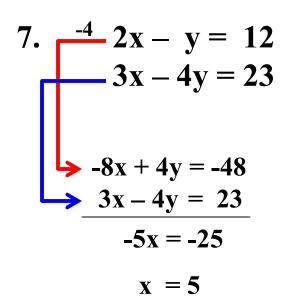
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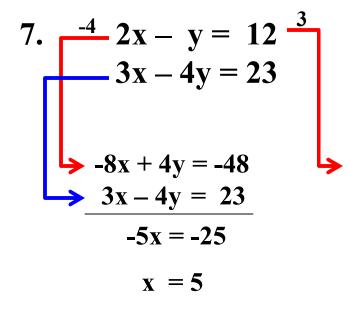
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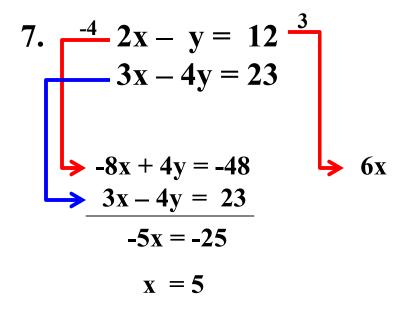
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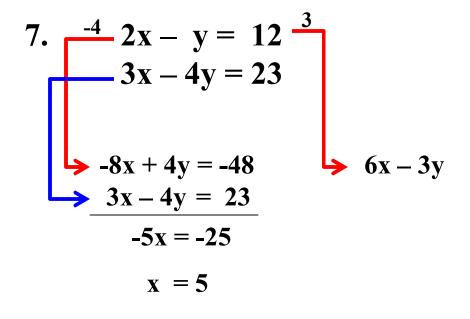
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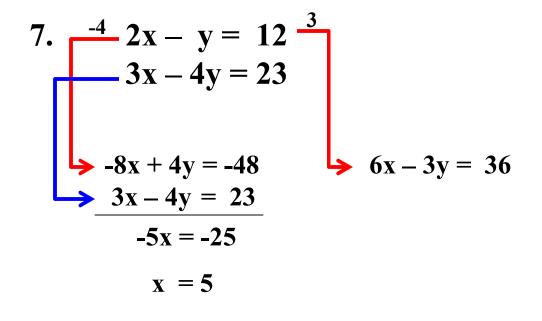
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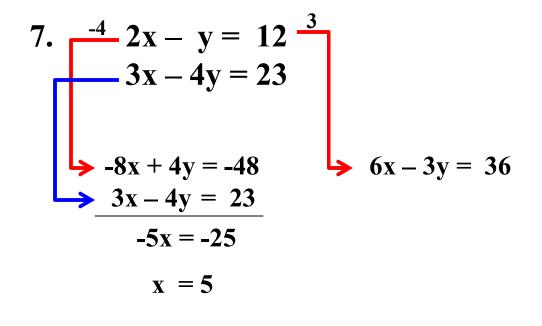
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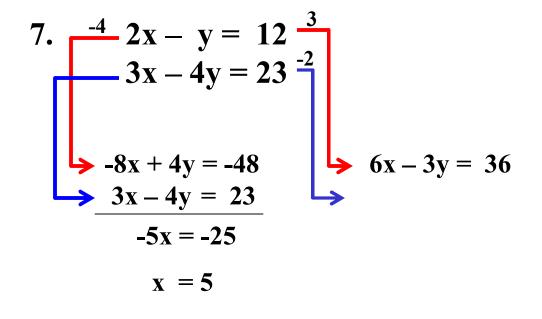
Add the equations.

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Solve each of the following systems of equations using the multiplication-addition method.



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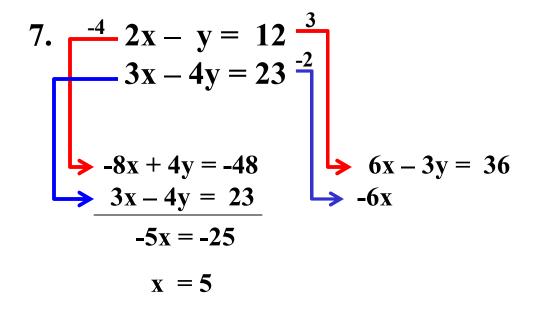
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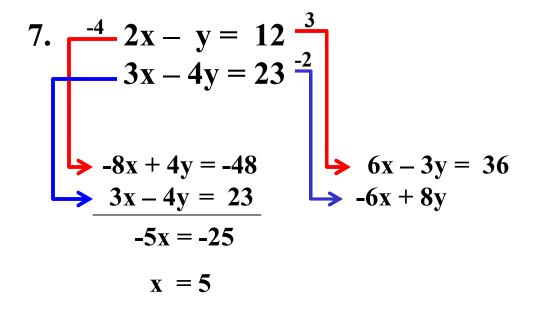
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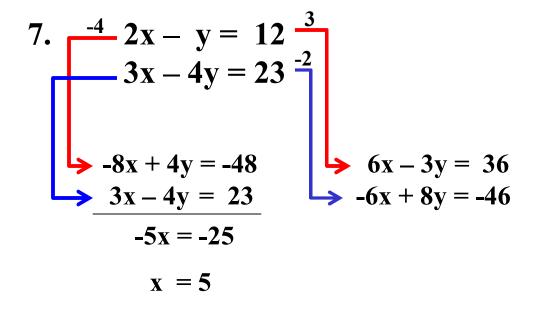
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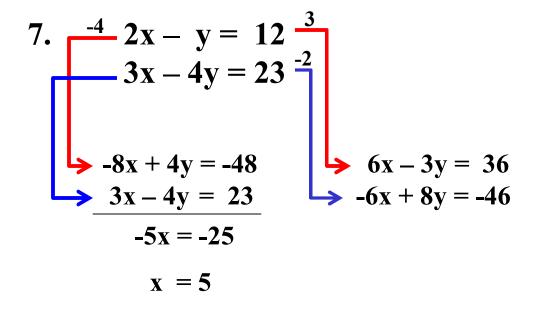
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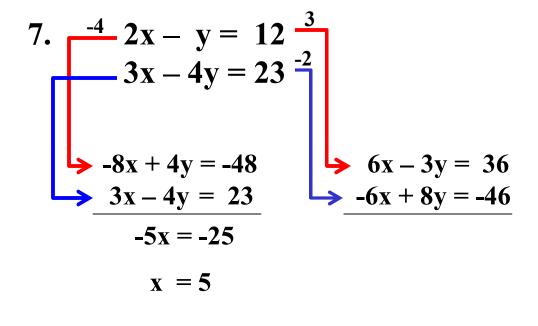
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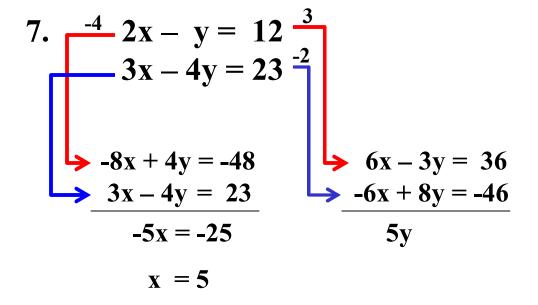
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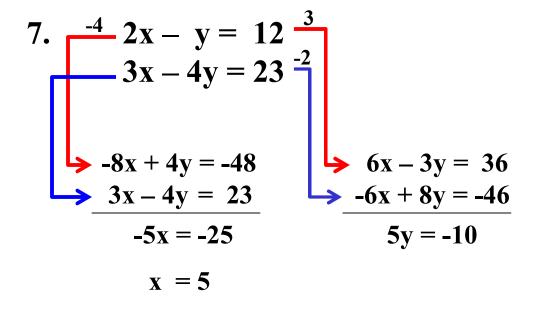
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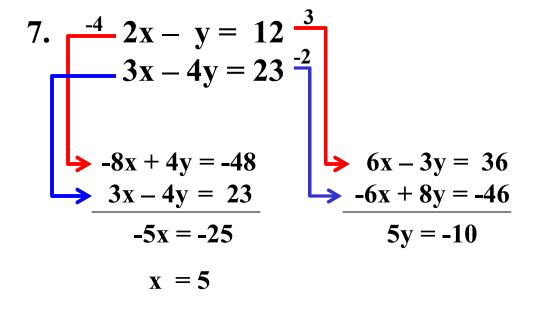
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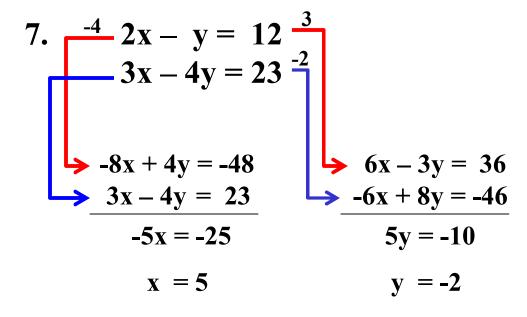
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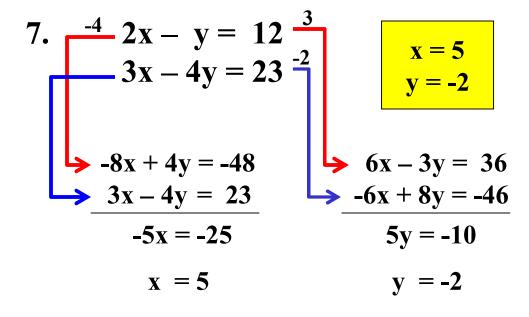
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$$4x - 5y = 17$$

 $x - 2y = 8$

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$$8. \quad \frac{2}{x - 5y} = 17$$

$$x - 2y = 8$$

$$\Rightarrow 8x$$

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$$\frac{2}{x-5y} = 17$$

 $x-2y = 8$
 $8x-10y$

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 $x-2y = 8$
 $8x-10y = 34$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Solve each of the following systems of equations using the **multiplication-addition method**.

8.
$$\frac{2}{-5} 4x - 5y = 17$$

 $x - 2y = 8$
 $8x - 10y = 34$

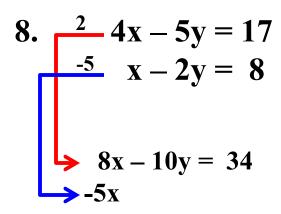
To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom

equation by -5.

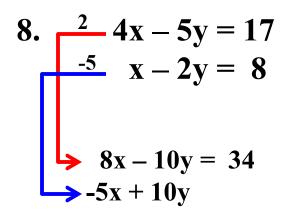
Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

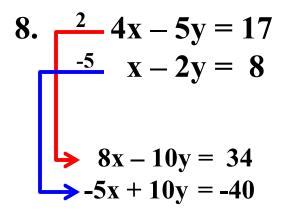
Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms. Multiply both sides of the top

equation by 2. Multiply both sides of the bottom equation by -5.

Solve each of the following systems of equations using the **multiplication-addition method**.

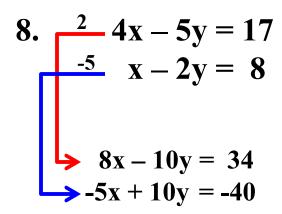


To solve for x, we must eliminate the y terms.

Multiply both sides of the top

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.



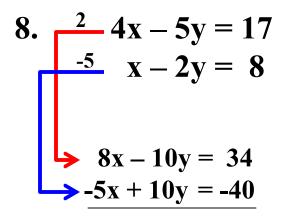
To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



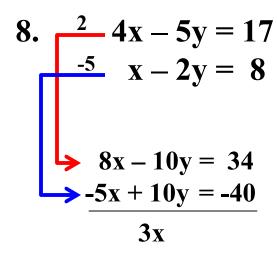
To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



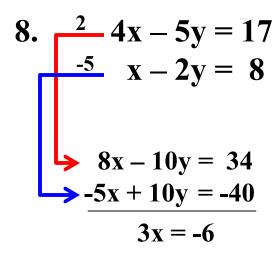
To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

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Solve each of the following systems of equations using the **multiplication-addition method**.



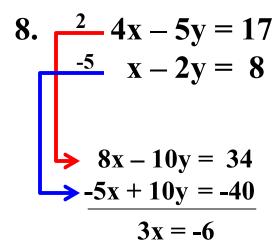
To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

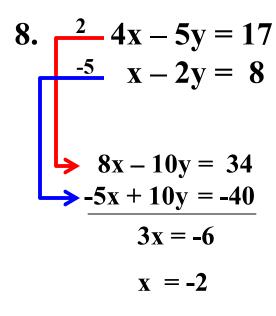
Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

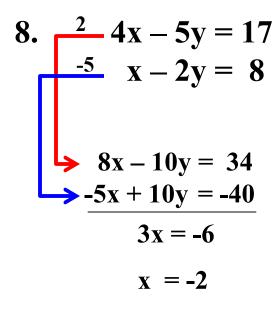
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Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

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Multiply both sides of the top equation by 2.

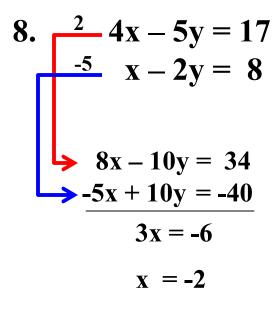
Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite. Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

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To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

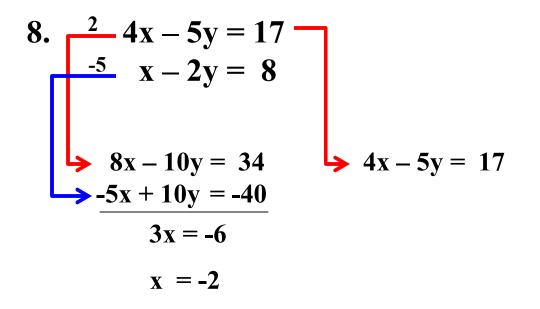
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

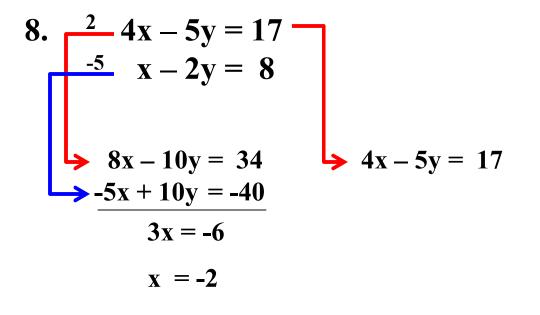
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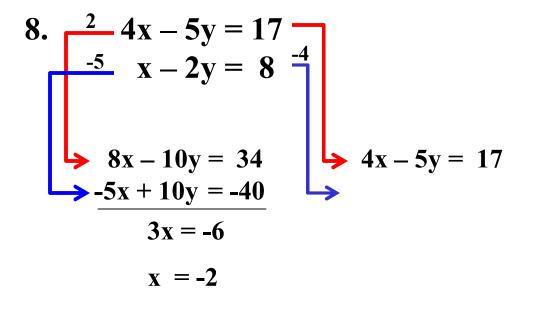
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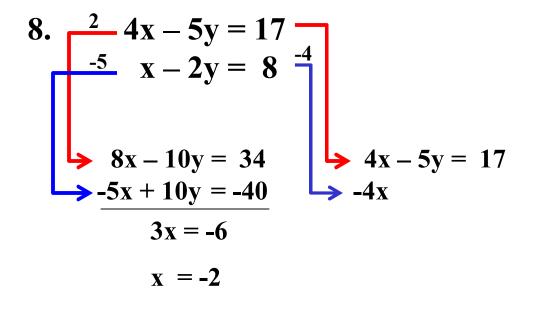
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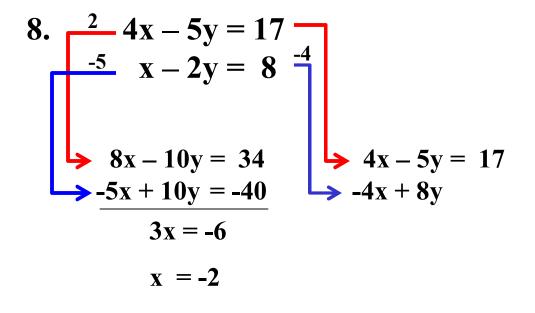
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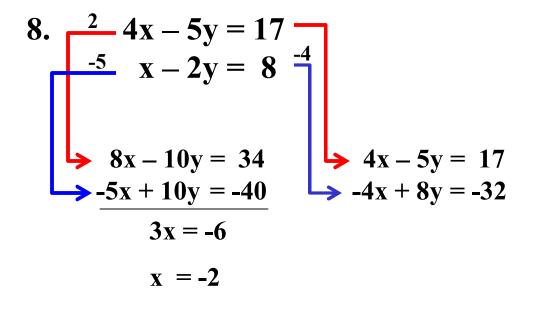
Add the equations.

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Multiply both sides of the top equation by 2.

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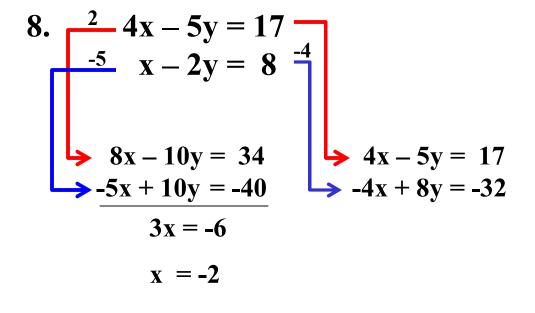
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

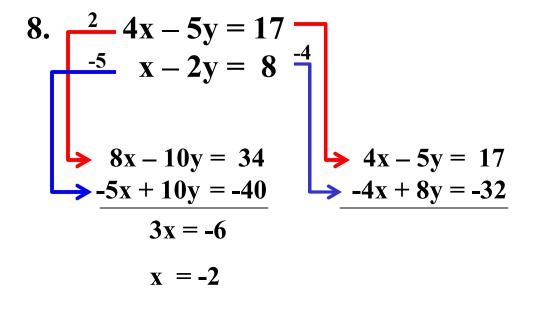
To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -4.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

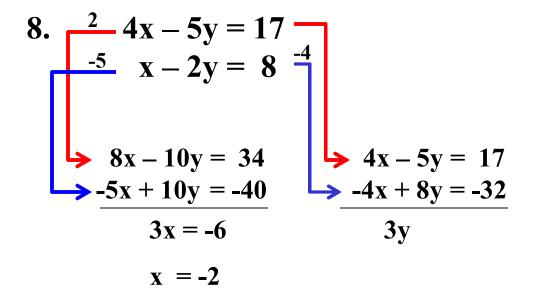
To solve for y, we must eliminate the x terms.

Bring down the top equation.

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Notice that the x terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by -5.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

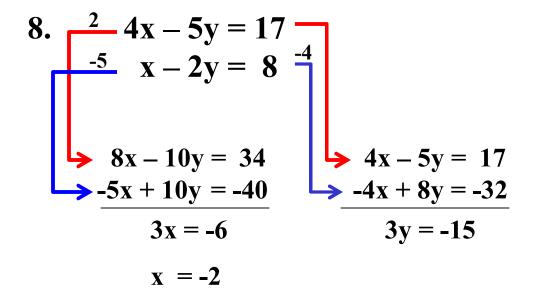
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Bring down the top equation.

Multiply both sides of the bottom equation by -4.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the multiplication-addition method.



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Multiply both sides of the top equation by 2.

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Notice that the y terms are opposite.

Add the equations.

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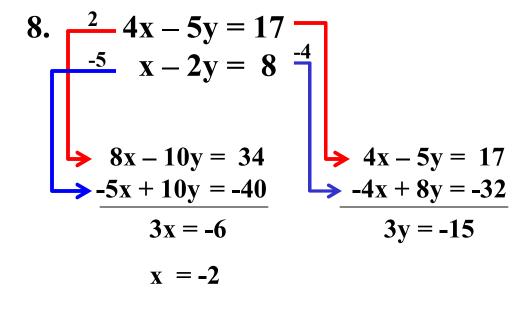
To solve for y, we must eliminate the x terms.

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Notice that the x terms are opposite.

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Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

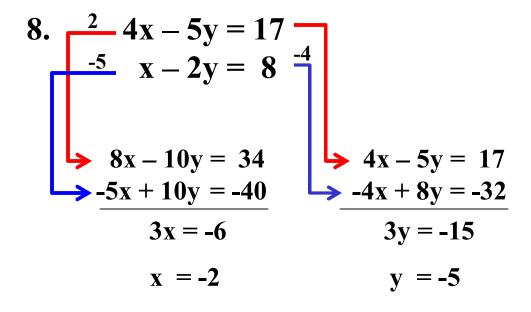
Multiply both sides of the bottom equation by -4.

Notice that the x terms are opposite.

Add the equations.

Now, solve for y.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

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Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

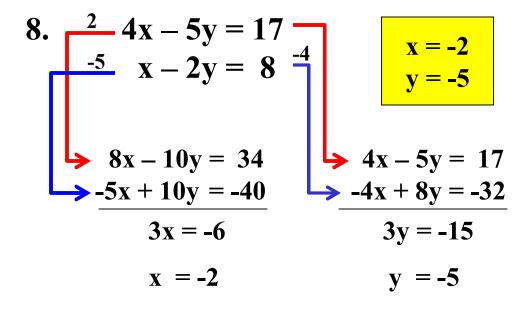
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Solve each of the following systems of equations using the **multiplication-addition method**.

9.
$$3x + 7y = 6$$

 $x - 3y = -2$

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$$\frac{3}{x-3y} = 6$$

 $x-3y = -2$

Solve each of the following systems of equations using the **multiplication-addition method**.

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$$\frac{3}{x} 3x + 7y = 6$$

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To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom

equation by 7.

Solve each of the following systems of equations using the **multiplication-addition method**.

9.
$$\frac{3}{7} 3x + 7y = 6$$

 $7 x - 3y = -2$
 $9x + 21y = 18$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 3.

Solve each of the following systems of equations using the **multiplication-addition method**.

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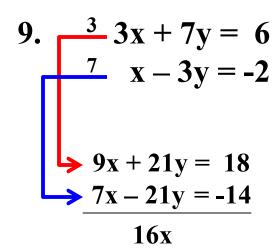
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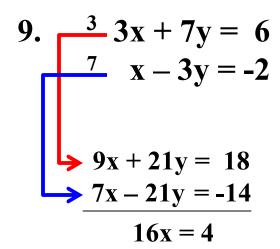
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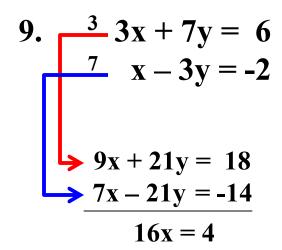
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Multiply both sides of the top equation by 3.

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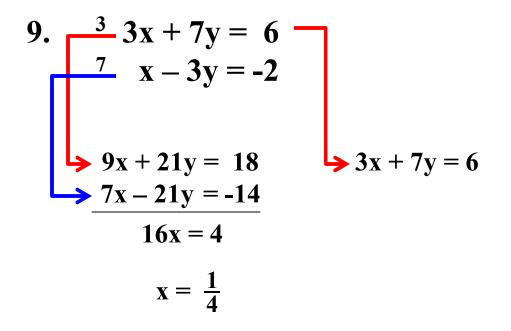
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Bring down the top equation.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by 7.

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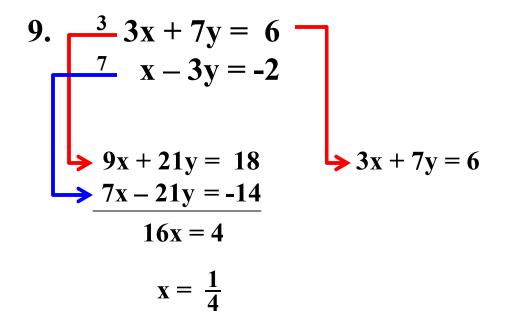
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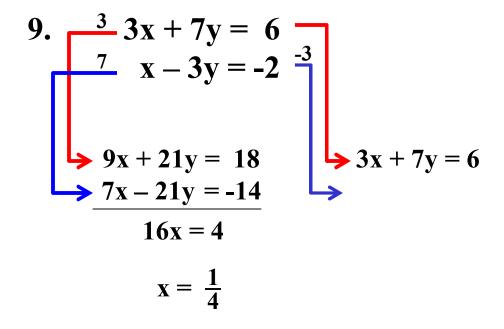
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To solve for x, we must eliminate the y terms.

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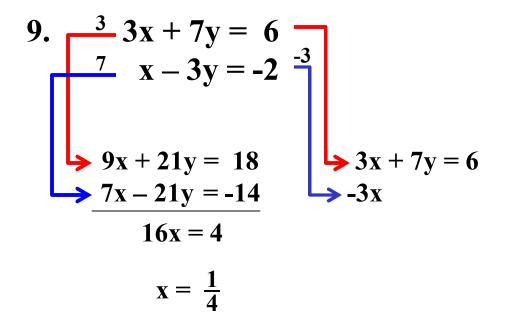
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Multiply both sides of the top equation by 3.

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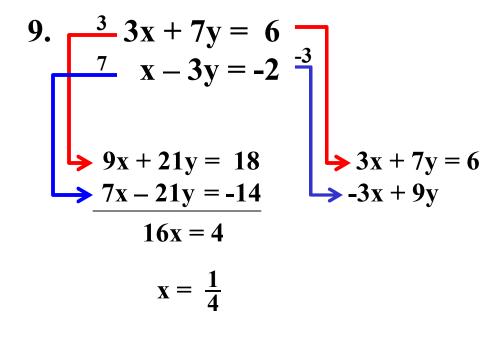
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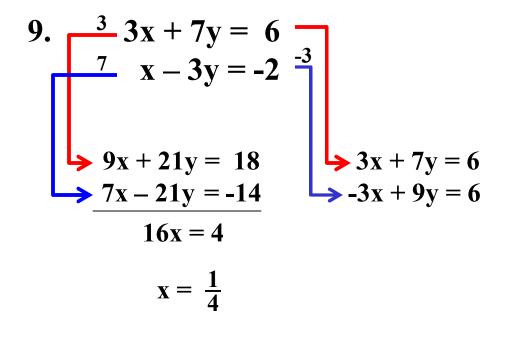
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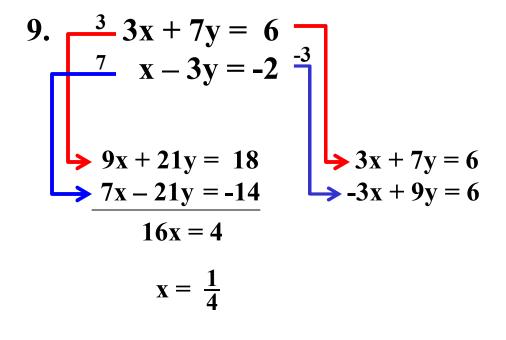
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Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by 7.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

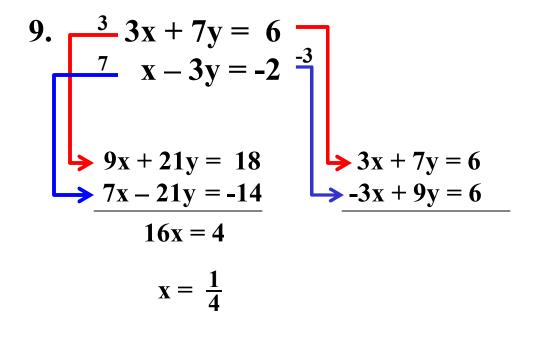
To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -3.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by 7.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

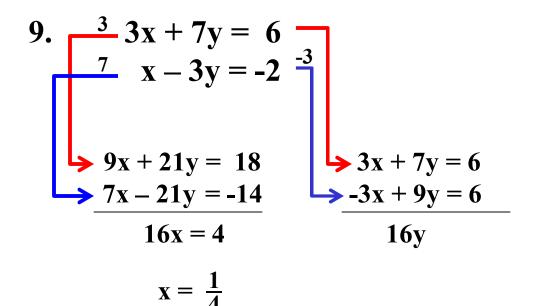
To solve for y, we must eliminate the x terms.

Bring down the top equation.

Multiply both sides of the bottom equation by -3.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by 7.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

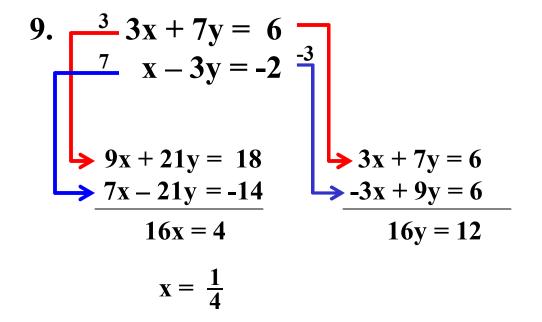
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Multiply both sides of the bottom equation by -3.

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Solve each of the following systems of equations using the **multiplication-addition method**.



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Multiply both sides of the bottom equation by 7.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

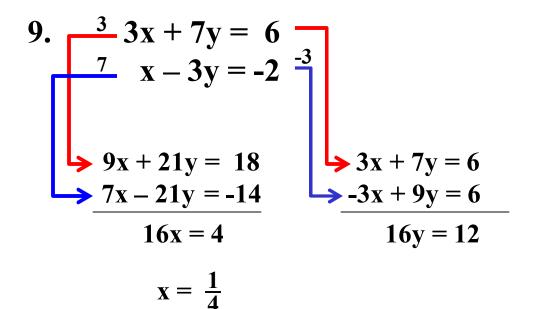
To solve for y, we must eliminate the x terms.

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Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by 7.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

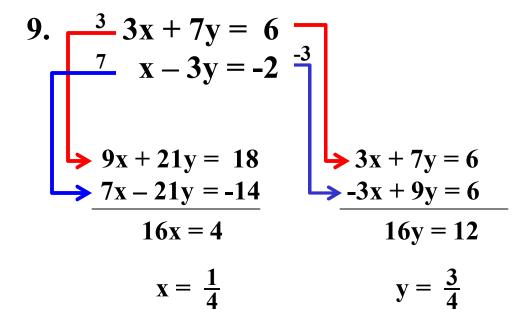
Bring down the top equation.

Multiply both sides of the bottom equation by -3.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

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Multiply both sides of the bottom equation by 7.

Notice that the y terms are opposite.

Add the equations.

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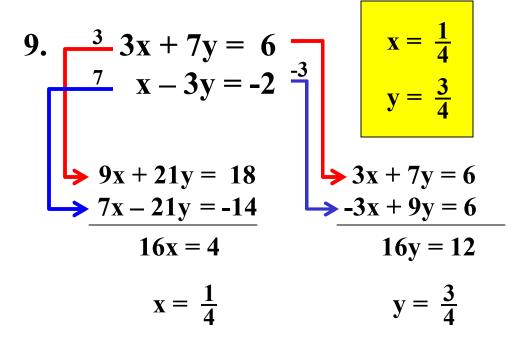
Bring down the top equation.

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$$4x + y = 1$$

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$$-8x - 2y$$

Solve each of the following systems of equations using the **multiplication-addition method**.

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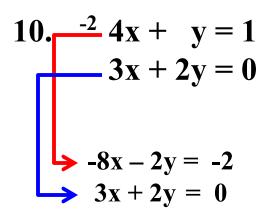
$$-8x - 2y = -2$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by -2.

Bring down the bottom equation.

Solve each of the following systems of equations using the **multiplication-addition method**.

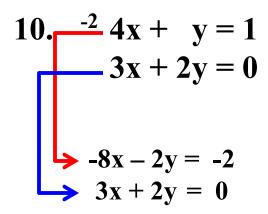


To solve for x, we must eliminate the y terms.

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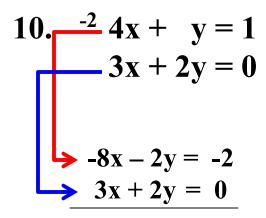
To solve for x, we must eliminate the y terms.

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Notice that the y terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



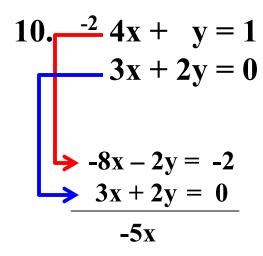
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Bring down the bottom equation.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



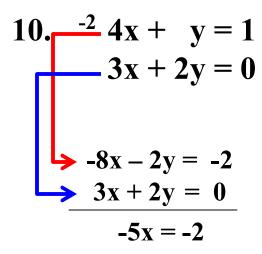
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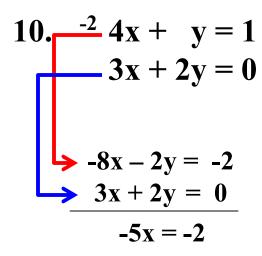
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To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the multiplication-addition method.

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by -2.

Bring down the bottom equation.

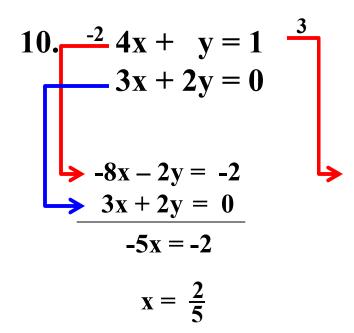
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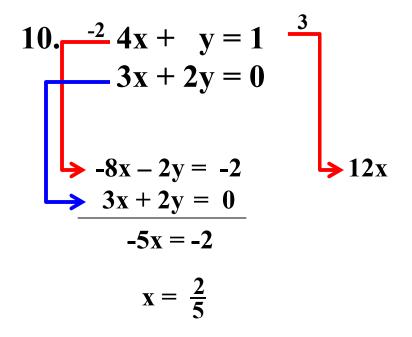
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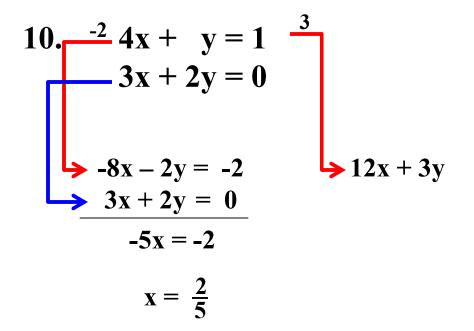
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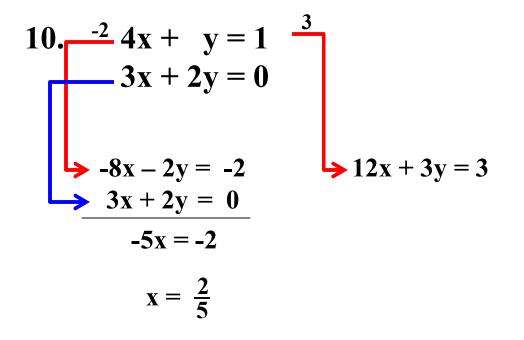
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Solve each of the following systems of equations using the multiplication-addition method.



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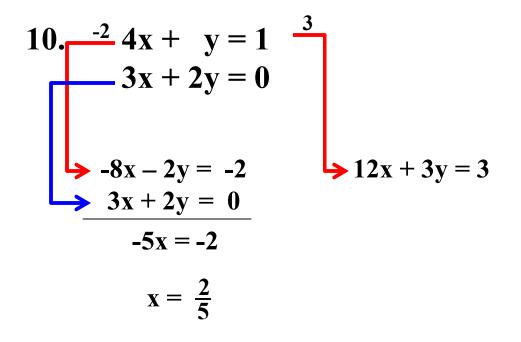
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Add the equations.

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Solve each of the following systems of equations using the multiplication-addition method.



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Notice that the y terms are opposite.

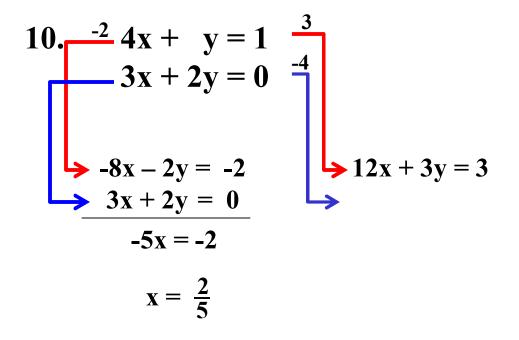
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Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

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Bring down the bottom equation.

Notice that the y terms are opposite.

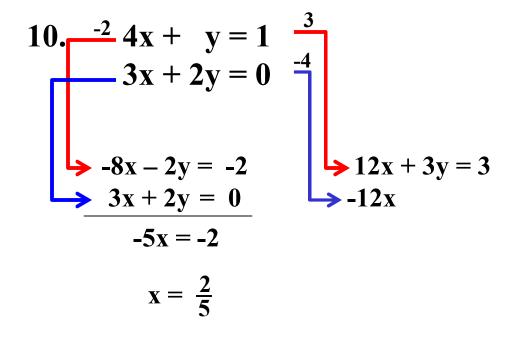
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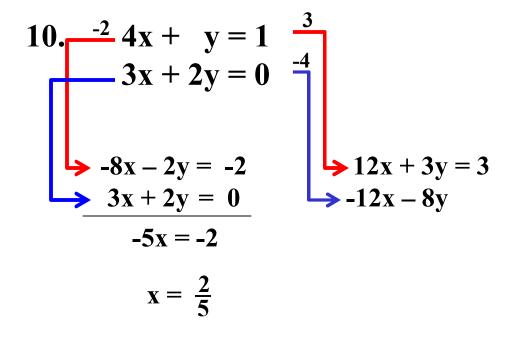
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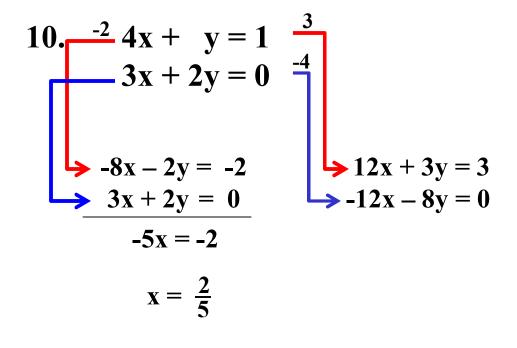
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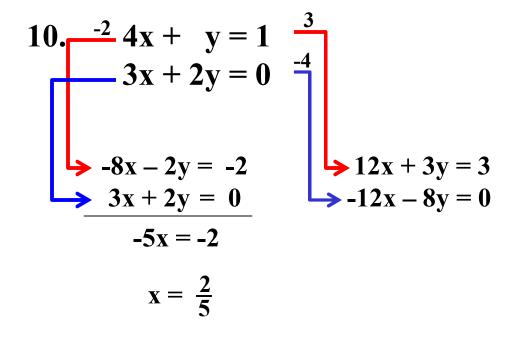
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Multiply both sides of the top equation by -2.

Bring down the bottom equation.

Notice that the y terms are opposite.

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Now, solve for x.

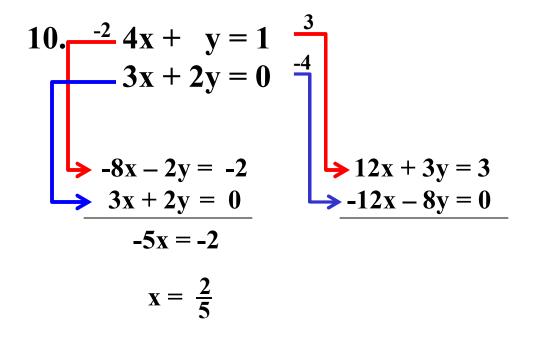
To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

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Notice that the x terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by -2.

Bring down the bottom equation.

Notice that the y terms are opposite.

Add the equations.

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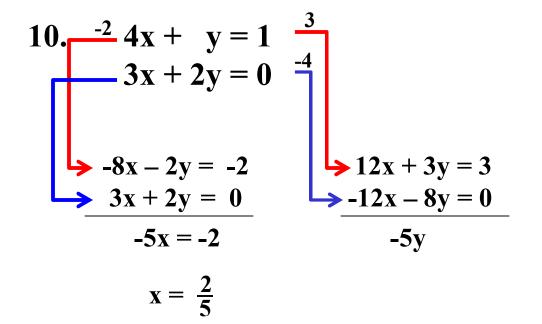
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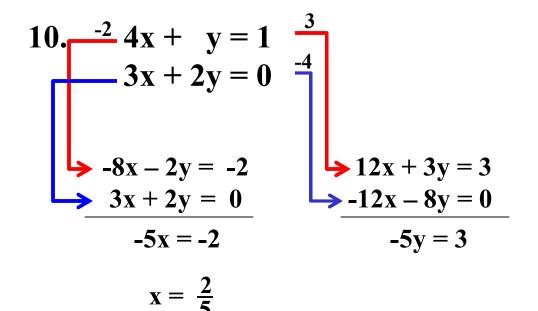
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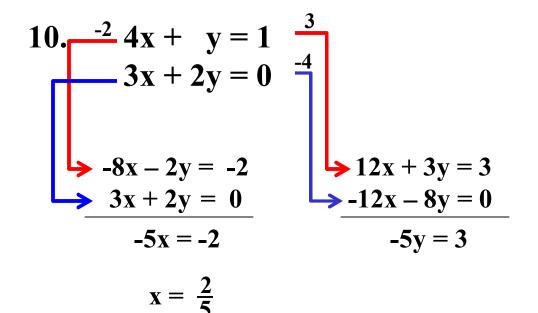
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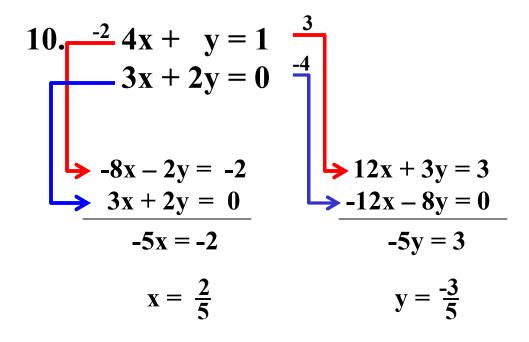
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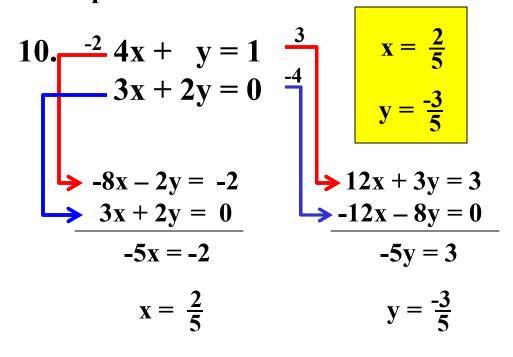
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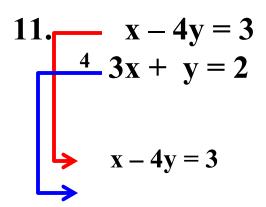
$$3x + y = 2$$

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To solve for x, we must eliminate the y terms.

Bring down the top equation.

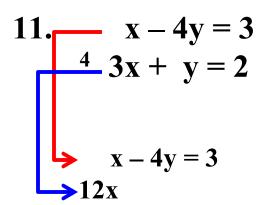
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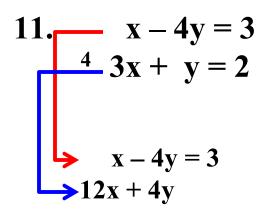
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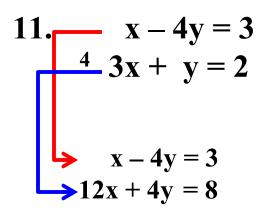
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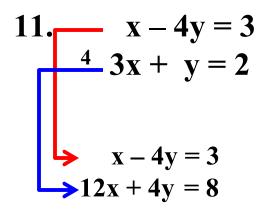
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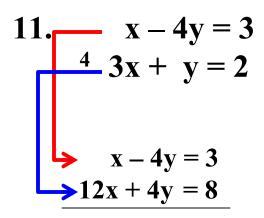
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Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



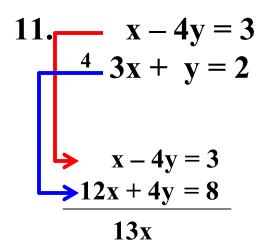
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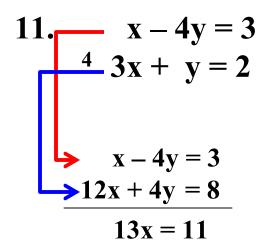
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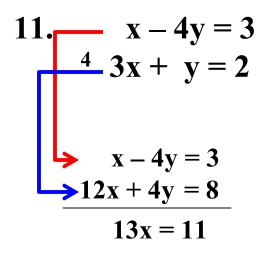
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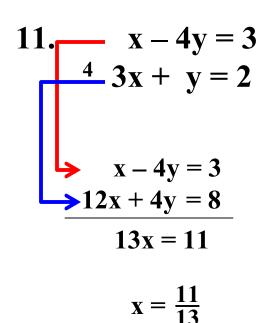
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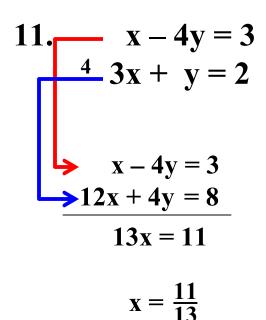
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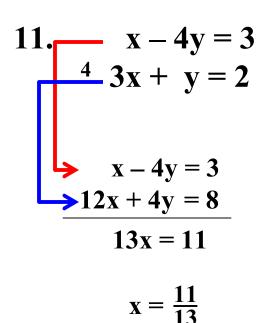
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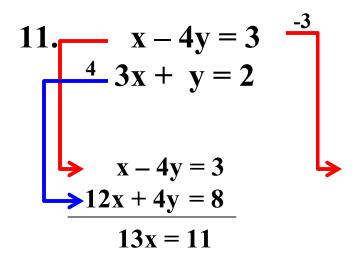
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Add the equations.

Now, solve for x.

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Solve each of the following systems of equations using the multiplication-addition method.



$$\mathbf{x} = \frac{11}{13}$$

To solve for x, we must eliminate the y terms.

Bring down the top equation.

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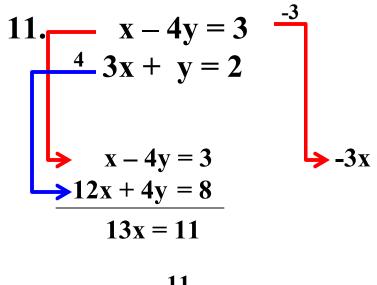
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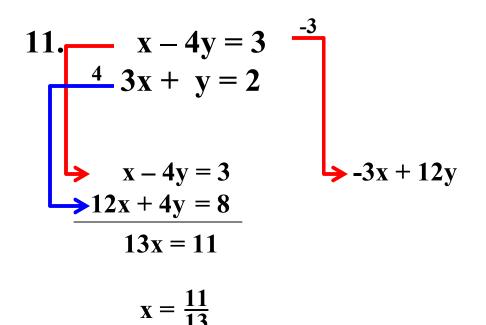
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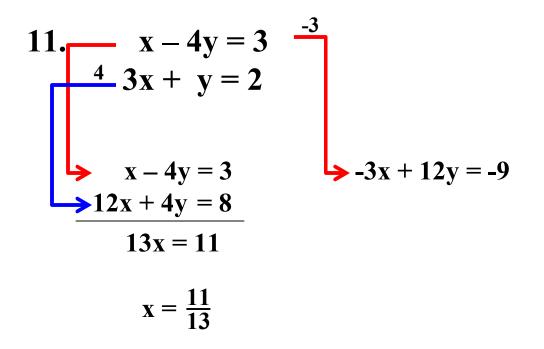
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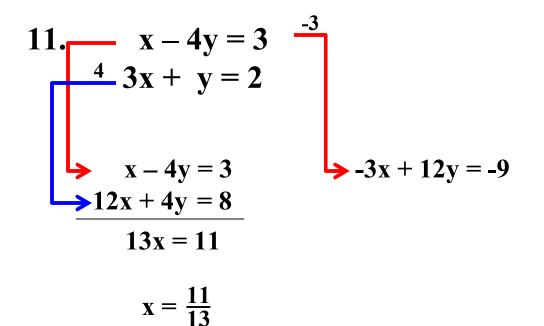
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Bring down the top equation.

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Notice that the y terms are opposite.

Add the equations.

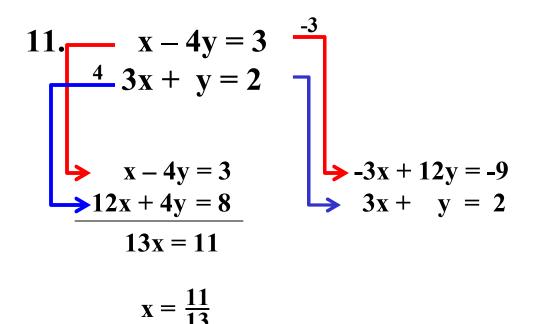
Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Solve each of the following systems of equations using the multiplication-addition method.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

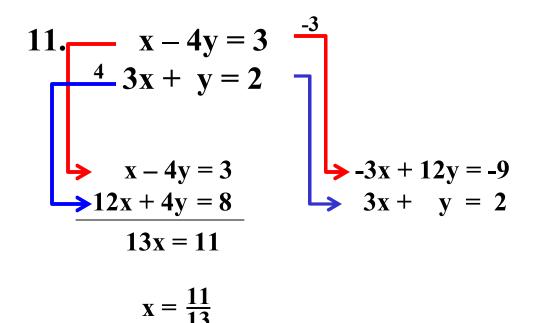
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Now, solve for x.

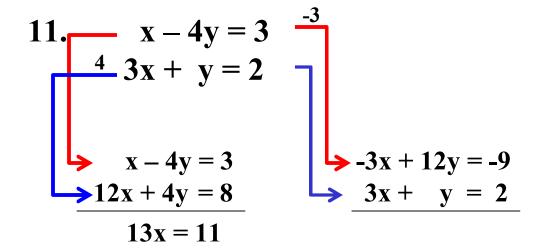
To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.



$$\mathbf{x} = \frac{11}{13}$$

To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

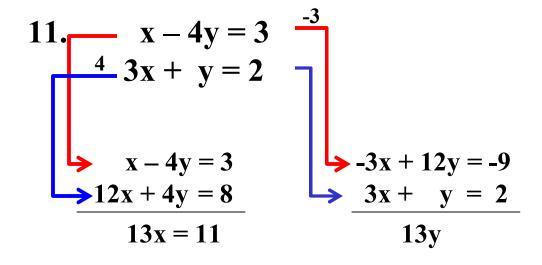
Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



 $x = \frac{11}{13}$

To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

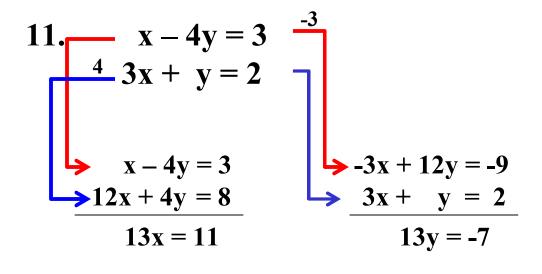
Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



 $x = \frac{11}{13}$

To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

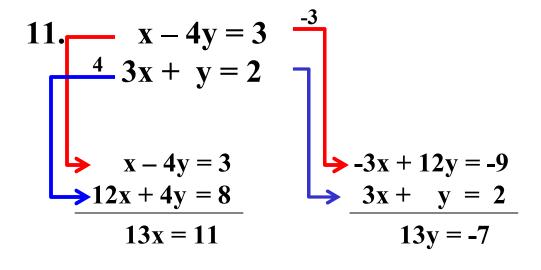
Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



$$\mathbf{x} = \frac{11}{13}$$

To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

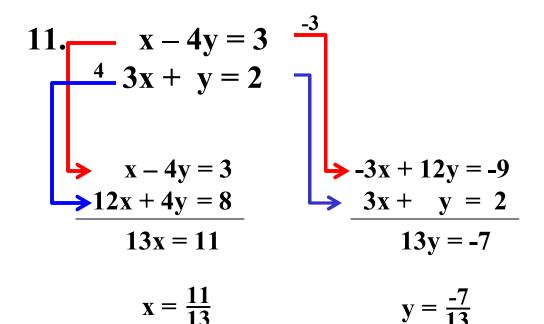
Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

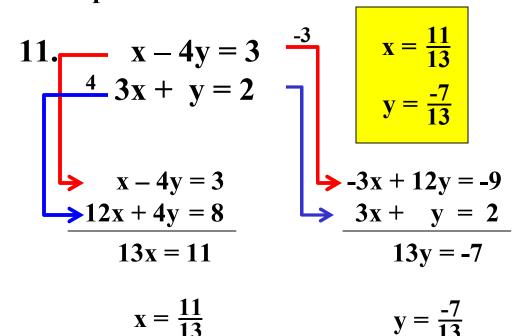
Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.



To solve for x, we must eliminate the y terms.

Bring down the top equation.

Multiply both sides of the bottom equation by 4.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by -3.

Bring down the bottom equation.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

12.
$$2x + 3y = 4$$

 $3x - 2y = 5$

Solve each of the following systems of equations using the **multiplication-addition method**. To solve for x, we must eliminate the y terms.

12.
$$2x + 3y = 4$$

 $3x - 2y = 5$

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

To solve for x, we must eliminate the y terms.

12.
$$2x + 3y = 4$$

 $3x - 2y = 5$

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \frac{2}{3x - 2y} = 4$$

$$3x - 2y = 5$$

To solve for x, we must eliminate the y terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \quad 2x + 3y = 4$$
$$3x - 2y = 5$$

To solve for x, we must eliminate the y terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

To solve for x, we must eliminate the y terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

To solve for x, we must eliminate the y terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x - 6y$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x - 6y = 15$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Solve each of the following systems of equations using the

multiplication-addition method.

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x - 6y = 15$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Solve each of the following systems of equations using the

multiplication-addition method.

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x - 6y = 15$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x - 6y = 15$$

$$13x$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the

 $multiplication-addition\ method.$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite. Add the equations.

Solve each of the following systems of equations using the

multiplication-addition method.

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

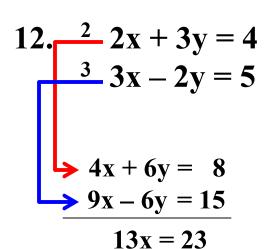
Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Solve each of the following systems of equations using the multiplication-addition method.

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 3x - 2y = 5$$

$$4x + 6y = 8$$

$$9x - 6y = 15$$

$$9x - 6y = 15$$

$$13x = 23$$

$$x = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the

 $multiplication\hbox{-} addition\hbox{ }method.$

$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve

12. $\frac{2}{3} 2x + 3y = 4$ $\frac{3}{3} 3x - 2y = 5$ 4x + 6y = 89x - 6y = 15

$$\mathbf{x} = \frac{23}{13}$$

13x = 23

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

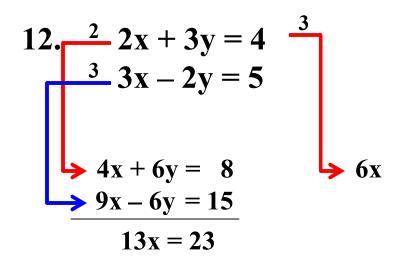
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

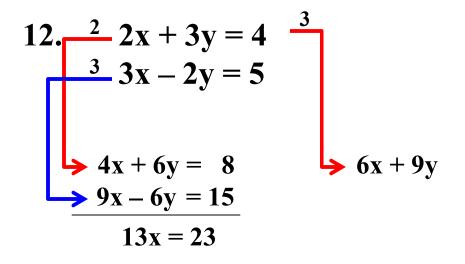
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$x = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

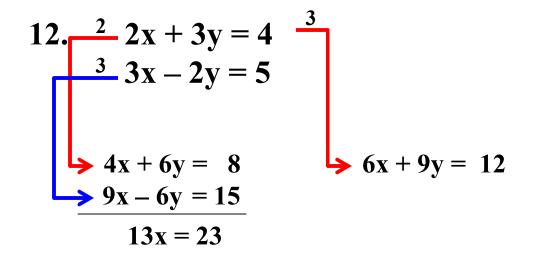
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



 $x = \frac{23}{13}$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

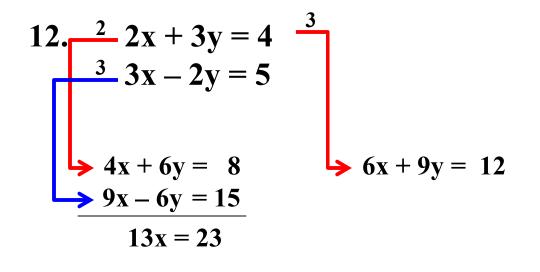
Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



 $x = \frac{23}{13}$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite. Add the equations.

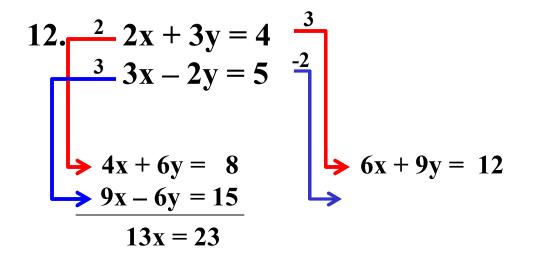
Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



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To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite. Add the equations.

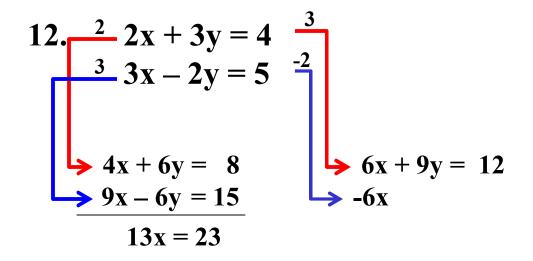
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Multiply both sides of the bottom equation by 3.

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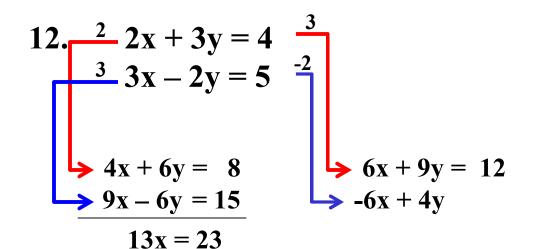
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Solve each of the following systems of equations using the **multiplication-addition method**.

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Notice that the y terms are opposite.

Add the equations.

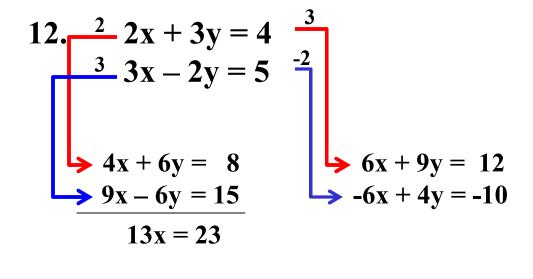
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Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



 $x = \frac{23}{13}$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

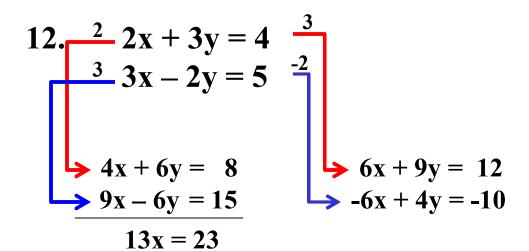
Now, solve for x.

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Multiply both sides of the top equation by 3.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

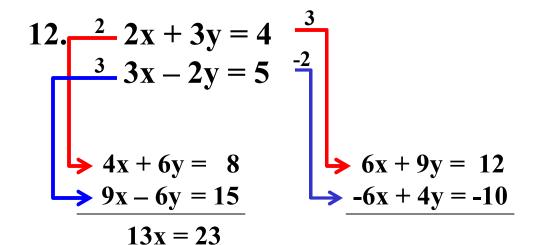
Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

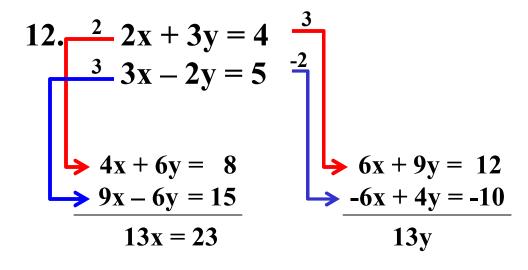
Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

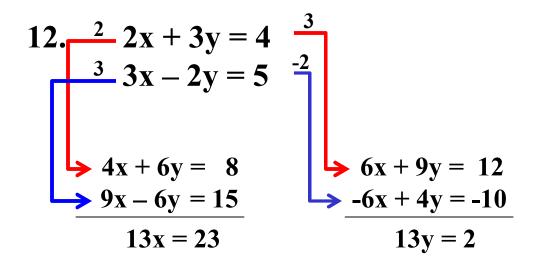
Multiply both sides of the bottom equation by -2.

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Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

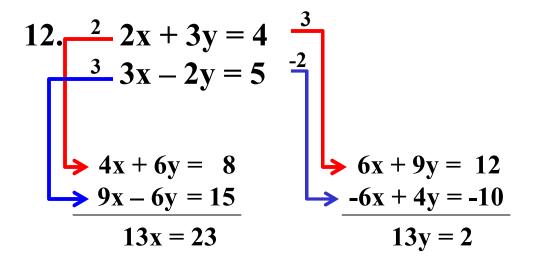
Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the

 $multiplication\hbox{-} addition\hbox{ }method.$



$$\mathbf{x} = \frac{23}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

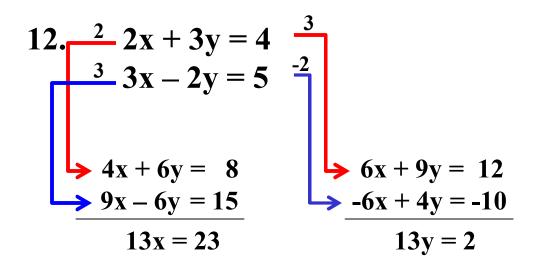
Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the **multiplication-addition method**.

To solve



$$\mathbf{x} = \frac{23}{13}$$

$$y = \frac{2}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

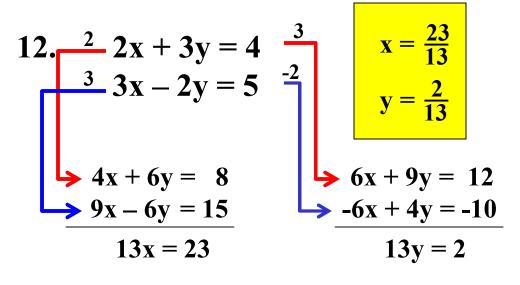
Add the equations.

 $y = \frac{2}{13}$

Solve each of the following systems of equations using the

multiplication-addition method.

 $x = \frac{23}{13}$



To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Notice that the y terms are opposite.

Add the equations.

Now, solve for x.

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Add the equations.

Solve each of the following systems of equations using the

multiplication-addition method.

$$12. \frac{2}{3} 2x + 3y = 4$$

$$3 - 2y = 5$$

$$x = \frac{23}{13}$$
$$y = \frac{2}{13}$$

To solve for x, we must eliminate the y terms.

Multiply both sides of the top equation by 2.

Multiply both sides of the bottom equation by 3.

Good luck on your homework!!

$$\mathbf{x} = \frac{23}{13}$$

$$y = \frac{2}{13}$$

To solve for y, we must eliminate the x terms.

Multiply both sides of the top equation by 3.

Multiply both sides of the bottom equation by -2.

Notice that the x terms are opposite.

Add the equations.