

**General Algebra 2**  
**Lesson #2 Unit 3**  
**Class Worksheet #2**  
**For Worksheets #2 & #4**

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$4x + 3y = 11$$
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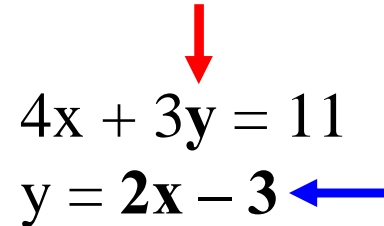
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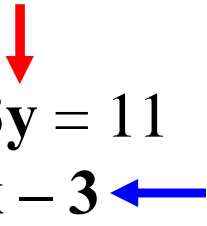
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The solution can be written like this.

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I'll show you some more examples.

$$y = 2(2) - 3$$

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Solve each of the following systems of equations using the **substitution method**.

2.       $2x + 5y = 11$   
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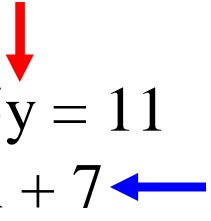
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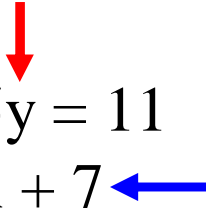
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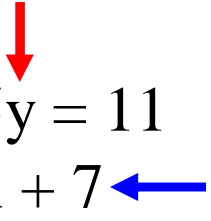
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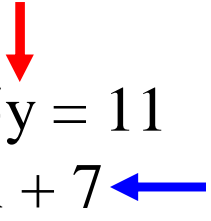
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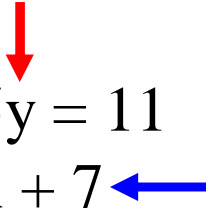
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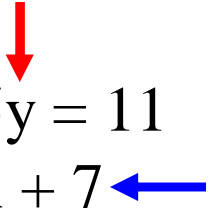
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Make sure you understand this step.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

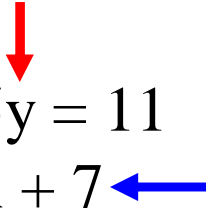
$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

Make sure you understand this step.  
Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

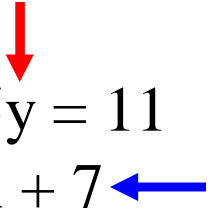
$$2x$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x +$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

$$2x + 5(2x + 7) = 11$$

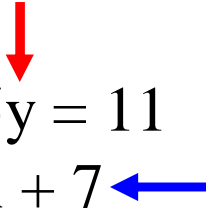
$$2x + 10x$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x +$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35$$

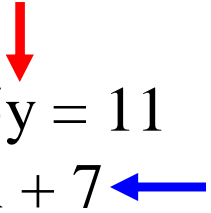
Make sure you understand this step.

Now just solve for x.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

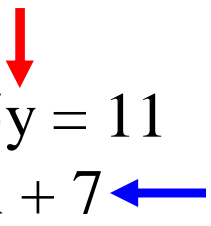
$$2x + 10x + 35 = 11$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

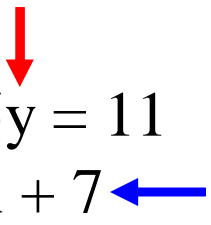
$$12x$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

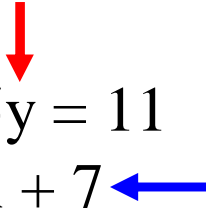
$$12x +$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


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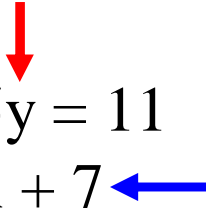
$$12x + 35$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


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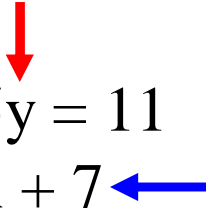
$$12x + 35 = 11$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

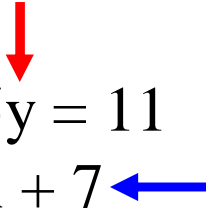
$$12x$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

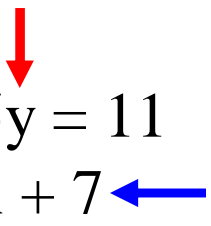
$$12x =$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

Make sure you understand this step.

Now just solve for x.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$2. \quad \begin{array}{l} 2x + 5y = 11 \\ y = 2x + 7 \end{array}$$

$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

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$$12x = -24$$

$$x =$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

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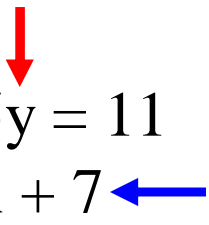
$$x = -2$$

Make sure you understand this step.

Now just solve for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$


$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$2. \quad \begin{array}{l} 2x + 5y = 11 \\ y = 2x + 7 \end{array}$$

$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

Make sure you understand this step.

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$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

Make sure you understand this step.

Now just solve for x.

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$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

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$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y =$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

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$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2)$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

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$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

$$y =$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

$$y = -4$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$2x + 10x + 35 = 11$$

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$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

$$y = -4 + 7$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

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$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

$$y = -4 + 7$$

$$y =$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 2. \quad 2x + 5y = 11 \\ \quad \quad y = 2x + 7 \end{array}$$

$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

$$y = -4 + 7$$

$$y = 3$$

Make sure you understand this step.



Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$2. \quad \begin{array}{l} 2x + 5y = 11 \\ y = 2x + 7 \end{array}$$



$$\begin{array}{l} x = -2 \\ y = 3 \end{array}$$

$$2x + 5(2x + 7) = 11$$

$$2x + 10x + 35 = 11$$

$$12x + 35 = 11$$

$$12x = -24$$

$$x = -2$$

$$y = 2x + 7$$

$$y = 2(-2) + 7$$

$$y = -4 + 7$$

$$y = 3$$

Make sure you understand this step.

Now just solve for x.

Now, substitute again to find y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3. 
$$5x + 3y = 2$$
$$x = y + 2$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3.  $5x + 3y = 2$   
 $x = y + 2$  ←



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3. 
$$\begin{array}{l} \downarrow \\ 5x + 3y = 2 \\ x = y + 2 \leftarrow \end{array}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

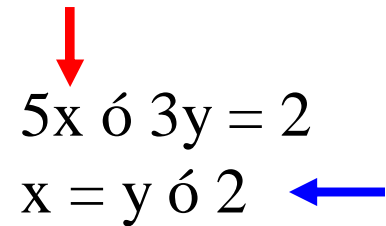
3. 
$$\begin{array}{l} \downarrow \\ 5x + 3y = 2 \\ x = y + 2 \leftarrow \end{array}$$

This time we have to substitute for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3.  $5x + 3y = 2$   
 $x = y + 2$



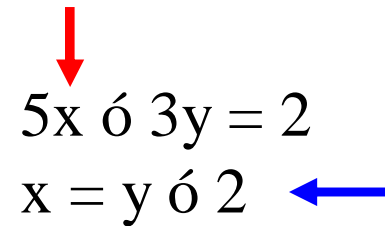
5(

This time we have to substitute for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3.  $5x + 3y = 2$   
 $x = y + 2$



$$5(y + 2)$$

This time we have to substitute for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y$$

This time we have to substitute for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3.  $5x + 3y = 2$   
 $x = y + 2$

$$5(y + 2) + 3y =$$

This time we have to substitute for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$

This time we have to substitute for x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

This time we have to substitute for x.

Now solve for y.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3. 
$$\begin{array}{l} \downarrow \\ 5x + 3y = 2 \\ x = y + 2 \quad \leftarrow \end{array}$$

$$\begin{array}{l} 5(y + 2) + 3y = 2 \\ 5y \end{array}$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3. 
$$\begin{aligned} & \downarrow \\ 5x + 3y &= 2 \\ x = y + 2 & \leftarrow \end{aligned}$$

$$\begin{aligned} 5(y + 2) + 3y &= 2 \\ 5y + 10 & \end{aligned}$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$
$$5y - 10$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$
$$5y - 10 - 3y = 2$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$
$$5y - 10 - 3y =$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$
$$5y - 10 - 3y = 2$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

This time we have to substitute for x.

Now solve for y.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

3.  $5x + 3y = 2$   
 $x = y + 2$

$$5(y + 2) + 3y = 2$$

$$5y + 10 + 3y = 2$$

$$8y + 10 = 2$$

$$8y = -8$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

$$2y =$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad \begin{array}{l} \downarrow \\ 5x + 3y = 2 \\ x = y + 2 \quad \leftarrow \end{array} \end{array}$$

$$5(y + 2) + 3y = 2$$

$$5y + 10 + 3y = 2$$

$$8y + 10 = 2$$

$$8y = -8$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

$$2y = 12$$

$$y =$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

$$2y = 12$$

$$y = 6$$

This time we have to substitute for x.

Now solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

$$2y = 12$$

$$y = 6$$

This time we have to substitute for  $x$ .

Now solve for  $y$ .

Finally, substitute again to find  $x$ .



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x + 3y = 2 \\ \quad \quad x = y + 2 \end{array}$$

$$5(y + 2) + 3y = 2$$

$$5y + 10 + 3y = 2$$

$$2y + 10 = 2$$

$$2y = -8$$

$$y = -4$$

$$x = y + 2$$

This time we have to substitute for x.

Now solve for y.

Finally, substitute again to find x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

$$2y = 12$$

$$y = 6$$

$$x = y - 2$$

This time we have to substitute for x.

Now solve for y.

Finally, substitute again to find x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$\begin{array}{l} 3. \quad 5x - 3y = 2 \\ \quad \quad x = y - 2 \end{array}$$

$$5(y - 2) - 3y = 2$$

$$5y - 10 - 3y = 2$$

$$2y - 10 = 2$$

$$2y = 12$$

$$y = 6$$

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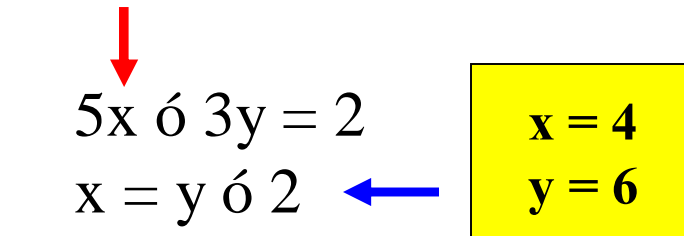
Now solve for  $y$ .

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## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$5(y - 2) - 3y = 2$$

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Now solve for  $y$ .

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## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

4.  $2x + 5y = 3$   
 $x = 3y - 4$

## General Algebra 2 CWS #2 Unit 3 Solutions



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2(

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Make sure you understand this step.

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Make sure you understand this step.

Now just solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

4.  $2x + 5y = 3$   
 $x = 3y - 4$

$$2(3y - 4) + 5y = 3$$
$$6y$$

Make sure you understand this step.

Now just solve for y.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

4.  $2x + 5y = 3$   
 $x = 3y - 4$

$$2(3y - 4) + 5y = 3$$
$$6y - 8 + 5y = 3$$

Make sure you understand this step.

Now just solve for y.

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Make sure you understand this step.

Now just solve for y.

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Now just solve for y.

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Now just solve for y.

Substitute again to find x.

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$$x = 3(1)$$

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$$x = 3 - 4$$

$$x = -1$$

Make sure you understand this step.

Now just solve for y.

Substitute again to find x.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

4. 
$$\begin{aligned} 2x + 5y &= 3 \\ x &= 3y - 4 \end{aligned}$$

$x = -1$   
 $y = 1$

$$2(3y - 4) + 5y = 3$$

$$6y - 8 + 5y = 3$$

$$11y - 8 = 3$$

$$11y = 11$$

$$y = 1$$

$$x = 3y - 4$$

$$x = 3(1) - 4$$

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Make sure you understand this step.

Now just solve for y.

Substitute again to find x.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

5. 
$$y = x + 2$$
$$2x + 3y = 19$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

5.  $y = x - 2$  ←  
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5.  $y = x - 2$  ←

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$$2x + 3(x - 2)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$$2x + 3y = 19$$



$$2x + 3(x - 2) =$$



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5.  $y = x - 2$  ←

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$$2x + 3x - 6$$

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$$2x + 3x - 6 = 19$$

$$5x$$

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$$5x - 6 = 19$$

$$5x = 25$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$2x + 3y = 19$$



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$$2x + 3x - 6 = 19$$

$$5x - 6 = 19$$

$$5x = 25$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$2x + 3x - 6 = 19$$

$$5x - 6 = 19$$

$$5x = 25$$

$$\mathbf{x = 5}$$

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Solve each of the following systems of equations using the **substitution method**.

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$$2x + 3y = 19$$



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$$5x - 6 = 19$$

$$5x = 25$$

$$x = 5$$

$$y = x - 2$$

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Solve each of the following systems of equations using the **substitution method**.

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$$5x - 6 = 19$$

$$5x = 25$$

$$x = 5$$

$$y = x - 2$$



## General Algebra 2 CWS #2 Unit 3 Solutions

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$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

5.  $y = x - 2$  ←

$$2x + 3y = 19$$



$$2x + 3(x - 2) = 19$$

$$2x + 3x - 6 = 19$$

$$5x - 6 = 19$$

$$5x = 25$$

$$x = 5$$

$$y = x - 2$$

$$y = 5 - 2$$

$$y = 3$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

5.  $y = x - 2$  ←

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$$x = 5$$

$$y = x - 2$$

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## General Algebra 2 CWS #2 Unit 3 Solutions

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5.  $y = x - 2$  ←

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$$2x + 3x - 6 = 19$$

$$5x - 6 = 19$$

$$5x = 25$$

$$x = 5$$

$$y = x - 2$$

$$y = 5 - 2$$

$$y =$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

5.  $y = x - 2$  ←

$$2x + 3y = 19$$



$$2x + 3(x - 2) = 19$$

$$2x + 3x - 6 = 19$$

$$5x - 6 = 19$$

$$5x = 25$$

$$x = 5$$

$$y = x - 2$$

$$y = 5 - 2$$

$$y = 3$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

5.  $y = x - 2$  ←  
 $2x + 3y = 19$  ↑

$x = 5$   
 $y = 3$

$$2x + 3(x - 2) = 19$$

$$2x + 3x - 6 = 19$$

$$5x - 6 = 19$$

$$5x = 25$$

$$x = 5$$

$$y = x - 2$$

$$y = 5 - 2$$

$$y = 3$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$   
 $2x + y = -9$

## General Algebra 2 CWS #2 Unit 3 Solutions

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## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$2x + y = -9$

↑

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$2x + y = -9$



2x

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1)$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$\mathbf{x = -2}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$

$$y = 3x + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$




$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$


$$y = 3x + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$




$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$


$$y = 3x + 1$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$

$$y = 3x + 1$$

$$y = 3(-2)$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$

$$y = 3x + 1$$

$$y = 3(-2) + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$




$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$


$$y = 3x + 1$$

$$y = 3(-2) + 1$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$




$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$


$$y = 3x + 1$$

$$y = 3(-2) + 1$$

$$y = -6$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$




$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$


$$y = 3x + 1$$

$$y = 3(-2) + 1$$

$$y = -6 + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$

$$y = 3x + 1$$

$$y = 3(-2) + 1$$

$$y = -6 + 1$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.  $y = 3x + 1$  ←

$$2x + y = -9$$



$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$

$$y = 3x + 1$$

$$y = 3(-2) + 1$$

$$y = -6 + 1$$

$$y = -5$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

6.

$$y = 3x + 1 \quad \leftarrow$$

$$2x + y = -9$$

$$x = -2$$

$$y = -5$$

$$2x + (3x + 1) = -9$$

$$5x + 1 = -9$$

$$5x = -10$$

$$x = -2$$

$$y = 3x + 1$$

$$y = 3(-2) + 1$$

$$y = -6 + 1$$

$$y = -5$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$   
 $4x + 3y = -9$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←  
 $4x + 3y = -9$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$4x - 3y = -9$  ↑

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$4x + 3y = -9$



4(

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x - 3y = -9$$



$$4(4y + 1) - 3y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

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## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y =$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

$$x = -\frac{52}{19} + \frac{19}{19}$$

$$x = -\frac{33}{19}$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

$$x = -\frac{52}{19} + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

$$x = -\frac{52}{19} + 1$$

$$x = -\frac{33}{19}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←

$$4x + 3y = -9$$



$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

$$x = -\frac{52}{19} + 1$$

$$x = -\frac{33}{19}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

7.  $x = 4y + 1$  ←  
 $4x + 3y = -9$   
↑

$x = -3$ $y = -1$
----------------------

$$4(4y + 1) + 3y = -9$$

$$16y + 4 + 3y = -9$$

$$19y + 4 = -9$$

$$19y = -13$$

$$y = -\frac{13}{19}$$

$$x = 4y + 1$$

$$x = 4\left(-\frac{13}{19}\right) + 1$$

$$x = -\frac{52}{19} + 1$$

$$x = -\frac{33}{19}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8. 
$$\begin{aligned}x &= 2y + 5 \\3x + 4y &= 25\end{aligned}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←  
 $3x + 4y = 25$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$3x + 4y = 25$

↑

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$3x + 4y = 25$

3(



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5) +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5) + 4y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5) + 4y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5) + 4y = 25$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5) + 4y = 25$$

$$6y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←

$$3x + 4y = 25$$



$$3(2y - 5) + 4y = 25$$

$$6y - 15$$

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$$10y$$

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$$10y =$$

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↑

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$$6y - 15 + 4y = 25$$

$$10y - 15 = 25$$

$$10y = 40$$

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$$3(2y - 5) + 4y = 25$$

$$6y - 15 + 4y = 25$$

$$10y - 15 = 25$$

$$10y = 40$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$$10y - 15 = 25$$

$$10y = 40$$

$$y = 4$$

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$$x = 2y - 5$$

$$x =$$

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$$y = 4$$

$$x = 2y - 5$$

$$x = 2(4)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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## General Algebra 2 CWS #2 Unit 3 Solutions

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$$y = 4$$

$$x = 2y - 5$$

$$x = 2(4) - 5$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$$y = 4$$

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$$x = 2(4) - 5$$

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$$x = 2y - 5$$

$$x = 2(4) - 5$$

$$x = 8 - 5$$

$$x = 3$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

8.  $x = 2y - 5$  ←  
 $3x + 4y = 25$   
↑

$x = 3$   
 $y = 4$

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$$6y - 15 + 4y = 25$$

$$10y - 15 = 25$$

$$10y = 40$$

$$y = 4$$

$$x = 2y - 5$$

$$x = 2(4) - 5$$

$$x = 8 - 5$$

$$x = 3$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

9. 
$$4x + 3y = -9$$
$$y = 2x + 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

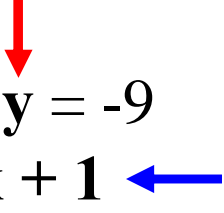
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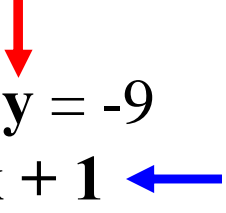
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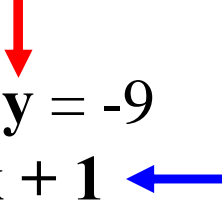


4x

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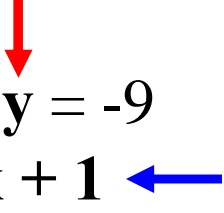


$4x +$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$4x + 3($

## General Algebra 2 CWS #2 Unit 3 Solutions

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 $y = 2x + 1$

$$4x + 3(2x + 1)$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

9.  $4x + 3y = -9$   
 $y = 2x + 1$

$$4x + 3(2x + 1) =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

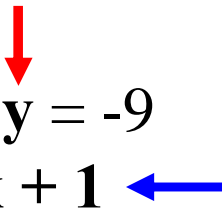
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 $4x$

Be careful when you multiply.

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 $4x + 6x$

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Be careful when you multiply.  
 $(-3)(1) = -3$

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$$-2x$$

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$$4x + 3(2x + 1) = -9$$

$$4x + 6x + 3 = -9$$

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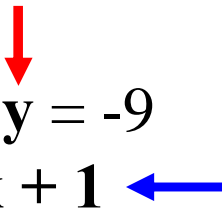
$$4x + 6x + 3 = -9$$

$$-2x + 3$$

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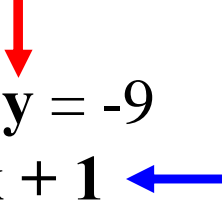
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$$-2x =$$

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$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

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$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x =$$

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$$x = 3$$



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$$-2x = -6$$

$$x = 3$$

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$$-2x = -6$$

$$x = 3$$

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$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y =$$

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$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$4x + 3(2x + 1) = -9$$

$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

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$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

$$y =$$

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$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

$$y = 6$$

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$$4x + 3(2x + 1) = -9$$

$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

$$y = 6 + 1$$



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$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

$$y = 6 + 1$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$4x + 3(2x + 1) = -9$$

$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

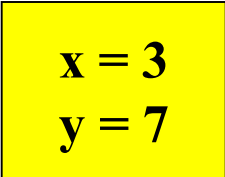
$$y = 6 + 1$$

$$y = 7$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$4x + 3(2x + 1) = -9$$

$$4x + 6x + 3 = -9$$

$$-2x + 3 = -9$$

$$-2x = -6$$

$$x = 3$$

$$y = 2x + 1$$

$$y = 2(3) + 1$$

$$y = 6 + 1$$

$$y = 7$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x + 2$   
 $2x + 5y = -16$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←  
 $2x + 5y = -16$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$2x + 5y = -16$  ↑

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$2x + 5y = -16$



$2x$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$2x + 5y = -16$



$2x +$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5($$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ← blue arrow

$2x + 5y = -16$

↑ red arrow

↓ pink arrow

$2x + 5(3x + 2) = -16$

$2x$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$

$$2x + 5(3x + 2) = -16$$

$$2x$$

Be careful when you multiply.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$2x + 5y = -16$

$2x + 5(3x + 2) = -16$

$2x +$

Be careful when you multiply.



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ← blue arrow

$2x + 5y = -16$

↑ red arrow

↓ pink arrow

$2x + 5(3x + 2) = -16$

$2x + 15x$

Be careful when you multiply.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$

$$2x + 5(3x - 2) = -16$$

$$2x + 15x +$$

Be careful when you multiply.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$2x + 5y = -16$

$2x + 5(3x + 2) = -16$

$2x + 15x + 10$

Be careful when you multiply.

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$

$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10$$

Be careful when you multiply.

$$(-5)(-2) = +10$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$10. \quad y = 3x - 2 \quad \leftarrow$$
$$2x + 5y = -16$$

$$2x + 5(3x + 2) = -16$$

$$2x + 15x + 10$$

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$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 =$$

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10.  $y = 3x - 2$  ←

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$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

Be careful when you multiply.

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Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$10. \quad y = 3x - 2 \quad \leftarrow$$

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$10. \quad y = 3x - 2 \quad \leftarrow$$

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$10. \quad y = 3x - 2 \quad \leftarrow$$

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2) - 2$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2) - 2$$

$$y =$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2) - 2$$

$$y = 6$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2) - 2$$

$$y = 6 - 2$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$10. \quad y = 3x - 2 \quad \leftarrow$$

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2) - 2$$

$$y = 6 - 2$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ←

$$2x + 5y = -16$$



$$2x + 5(3x - 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x - 2$$

$$y = 3(2) - 2$$

$$y = 6 - 2$$

$$y = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

10.  $y = 3x - 2$  ← blue arrow  
 $2x + 5y = -16$  ↑ red arrow

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

$$2x + 5(3x + 2) = -16$$

$$2x + 15x + 10 = -16$$

$$-13x + 10 = -16$$

$$-13x = -26$$

$$x = 2$$

$$y = 3x + 2$$

$$y = 3(2) + 2$$

$$y = 6 + 2$$

$$y = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

11.  $2x + 3y = 4$   
 $y = 2x - 1$

## General Algebra 2 CWS #2 Unit 3 Solutions

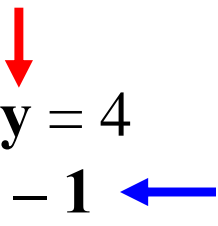
Solve each of the following systems of equations using the **substitution method**.

11.  $2x + 3y = 4$   
 $y = 2x - 1$  ←

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

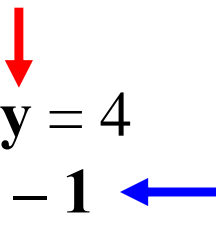
11.  $2x + 3y = 4$   
 $y = 2x - 1$





## General Algebra 2 CWS #2 Unit 3 Solutions

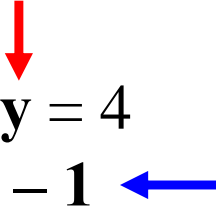
Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$


2x

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

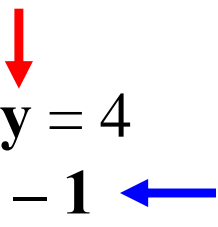
$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$


$$2x +$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

11.  $2x + 3y = 4$   
 $y = 2x - 1$



$2x + 3($

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.



$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$



$$2x + 3(2x - 1) = 4$$

$$2x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x +$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$



$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$



$$2x + 6x - 3 = 4$$

$$8x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y = 2\left(\frac{7}{8}\right) - 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y = 2\left(\frac{7}{8}\right) - 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y = 2\left(\frac{7}{8}\right) - 1$$

$$y =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y = 2\left(\frac{7}{8}\right) - 1$$

$$y = \frac{7}{4}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y = 2\left(\frac{7}{8}\right) - 1$$

$$y = \frac{7}{4} - 1$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$2x + 3(2x - 1) = 4$$

$$2x + 6x - 3 = 4$$

$$8x - 3 = 4$$

$$8x = 7$$

$$x = \frac{7}{8}$$

$$y = 2x - 1$$

$$y = 2\left(\frac{7}{8}\right) - 1$$

$$y = \frac{7}{4} - \frac{4}{4}$$

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$$11. \quad \begin{array}{l} 2x + 3y = 4 \\ y = 2x - 1 \end{array}$$

$$\begin{array}{l} x = \frac{7}{8} \\ y = \frac{3}{4} \end{array}$$

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## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x + 3y = 1$   
 $x = y + 2$

## General Algebra 2 CWS #2 Unit 3 Solutions

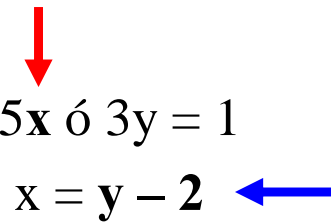
Solve each of the following systems of equations using the **substitution method**.

12.  $5x + 3y = 1$   
 $x = y - 2$  ←

## General Algebra 2 CWS #2 Unit 3 Solutions

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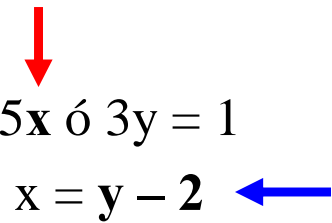
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## General Algebra 2 CWS #2 Unit 3 Solutions

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5(

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x + 3y = 1$   
 $x = y - 2$

$$5(y - 2)$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x + 3y = 1$   
 $x = y - 2$

$$5(y - 2) +$$



## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x + 3y = 1$   
 $x = y - 2$

$$5(y - 2) + 3y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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$$5(y - 2) + 3y =$$

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12.  $5x + 3y = 1$   
 $x = y - 2$

$$5(y - 2) + 3y = 1$$
$$5y + 10 = 1$$

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$$5y + 10 + 3y = 1$$

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$$\begin{array}{l} 5(y - 2) + 3y = 1 \\ 5y + 10 + 3y \end{array}$$



## General Algebra 2 CWS #2 Unit 3 Solutions

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$$5y + 10 + 3y =$$

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$$5y - 10 + 3y = 1$$

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$$5(y - 2) + 3y = 1$$

$$5y + 10 + 3y = 1$$

$$2y$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$$2y + 10 = 1$$

$$2y = 11$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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$$2y + 10 = 1$$

$$2y = 11$$

$$y =$$

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$$2y + 10 = 1$$

$$2y = 11$$

$$y = \frac{11}{2}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

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12.  $5x + 3y = 1$   
 $x = y - 2$

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$$2y = 11$$

$$y = \frac{11}{2}$$

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$$2y + 10 = 1$$

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$$y = \frac{11}{2}$$

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## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

$$12. \quad \begin{array}{l} \downarrow \\ 5x - 3y = 1 \\ x = y - 2 \quad \leftarrow \end{array}$$

$$5(y - 2) - 3y = 1$$

$$5y - 10 - 3y = 1$$

$$2y - 10 = 1$$

$$2y = 11$$

$$y = \frac{11}{2}$$

$$x = y - 2$$

$$x =$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x - 3y = 1$   
 $x = y - 2$

$$5(y - 2) - 3y = 1$$

$$5y - 10 - 3y = 1$$

$$2y - 10 = 1$$

$$2y = 11$$

$$y = \frac{11}{2}$$

$$x = y - 2$$

$$x = \frac{11}{2} - 2$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x - 3y = 1$   
 $x = y - 2$

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$$y = \frac{11}{2}$$

$$x = y - 2$$

$$x = \frac{11}{2} - 2$$

$$x =$$

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Solve each of the following systems of equations using the **substitution method**.

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$$2y - 10 = 1$$

$$2y = 11$$

$$y = \frac{11}{2}$$

$$x = y - 2$$

$$x = \frac{11}{2} - 2$$

$$x = \frac{7}{2}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

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 $x = y - 2$

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$$5y - 10 - 3y = 1$$

$$2y - 10 = 1$$

$$2y = 11$$

$$y = \frac{11}{2}$$

$$x = y - 2$$

$$x = \frac{11}{2} - 2$$

$$x = \frac{7}{2}$$

$$x = \frac{7}{2}$$
$$y = \frac{11}{2}$$

## General Algebra 2 CWS #2 Unit 3 Solutions

Solve each of the following systems of equations using the **substitution method**.

12.  $5x - 3y = 1$   
 $x = y - 2$

$$x = \frac{7}{2}$$
$$y = \frac{11}{2}$$

$$5(y - 2) - 3y = 1$$
$$5y - 10 - 3y = 1$$
$$2y - 10 = 1$$
$$2y = 11$$

**Good luck on your homework !!**

$$x = y - 2$$
$$x = \frac{11}{2} - 2$$
$$x = \frac{7}{2}$$

