

Algebra 1  
Solving Systems by Substitution #2

Name: \_\_\_\_\_  
Period: \_\_\_\_\_

Solve for  $y$ .

1.  $5 - 3(2 - y) = 14$

2.  $\frac{8y - 2}{3} - 3y = -2$

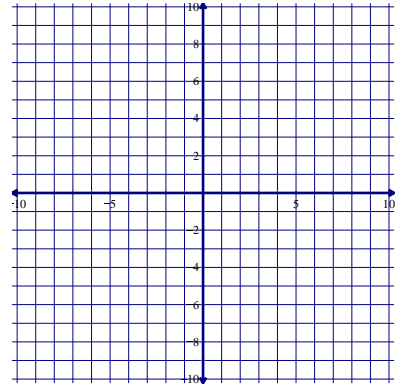
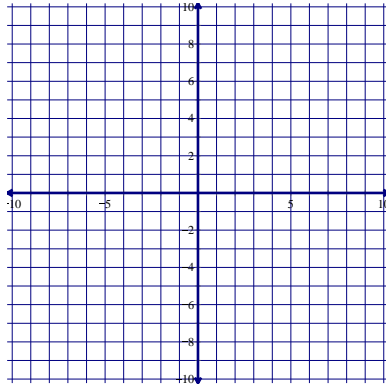
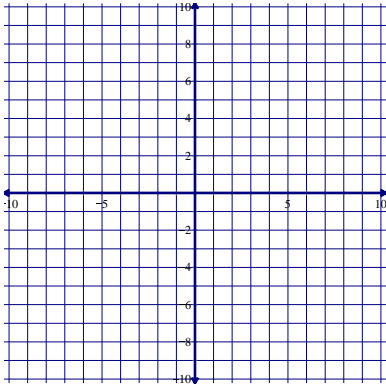
3.  $\frac{12(4y + 1) - 8}{5} = 10y + 1$

Solve by graphing.

4.  $y = 5x + 7$   
 $2x - 4y = 8$

5.  $-3x - 4y = -7$   
 $y = -4x - 8$

6.  $4x - 2y = -6$   
 $x - 6y = -18$



Solve using substitution.

7.  $2x + y = 13$   
 $-2x - 2y = -16$

8.  $42 - 2y = 6x$   
 $8 + x = -2y$

9.  $3y = x - 1$   
 $2x - 7 = 9y$

10.  $2x - y = -14$   
 $2x + 4y = 6$

11.  $34 = 4x - y$   
 $2x = -18 - 3y$

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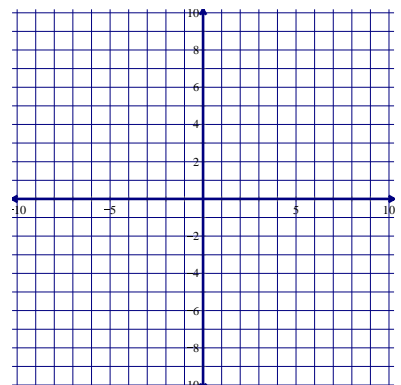
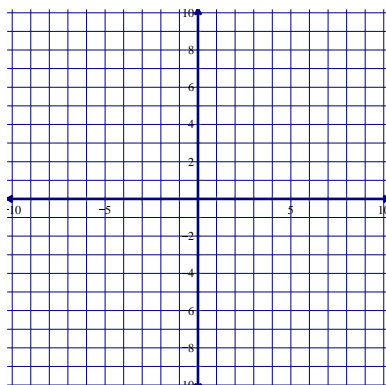
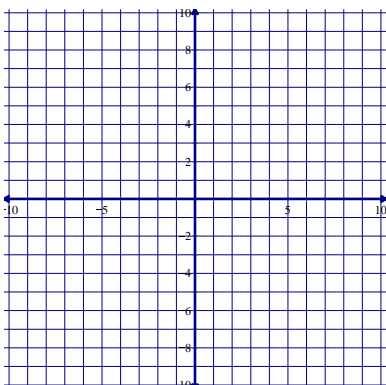
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