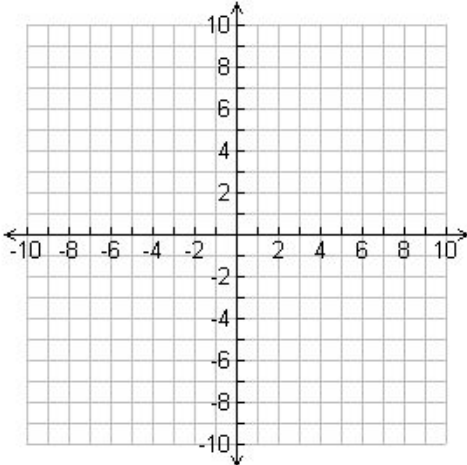
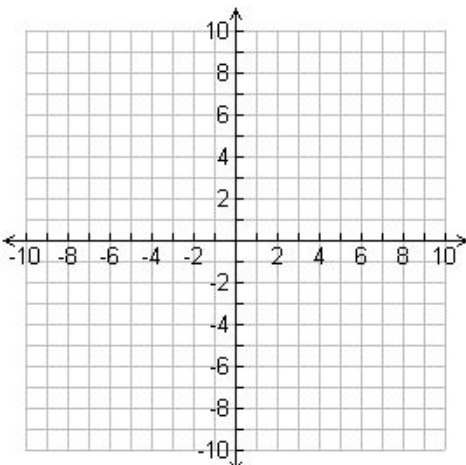
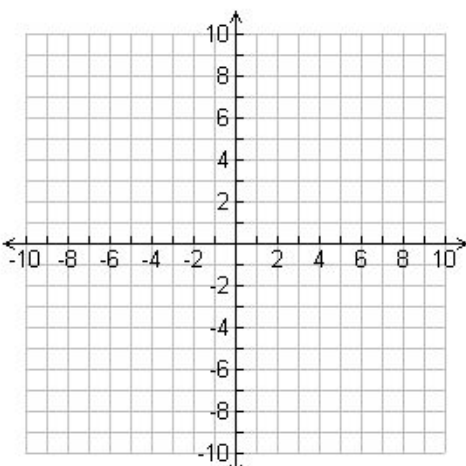


Name: _____

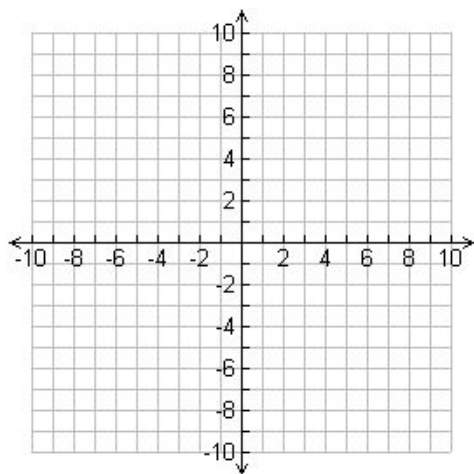
Systems of Equations by Graphing- Guided Practice

Example	Practice
Directions: Solve each system by graphing.	
<p>EX 1:</p> $y = 2x$ $y = -\frac{3}{2}x - 7$  <p>Solution: _____</p>	<p>1. $y = -x + 2$ $y = \frac{1}{4}x - 3$</p>  <p>Solution: _____</p> <p>2. $y = -\frac{5}{2}x - 3$ $y = -\frac{3}{4}x + 4$</p>  <p>Solution: _____</p>

EX 2:

$$-2x + 4y = 8$$

$$x - 2y = 8$$

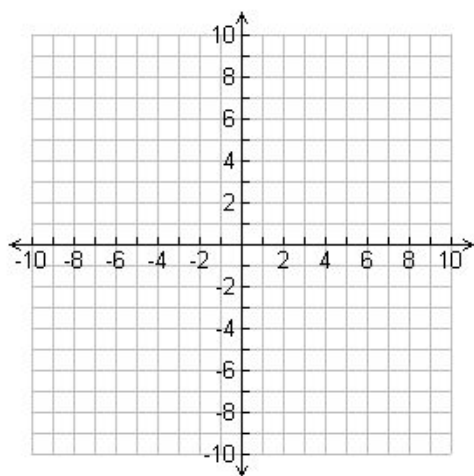


Solution: _____

EX 3:

$$y = 2x - 1$$

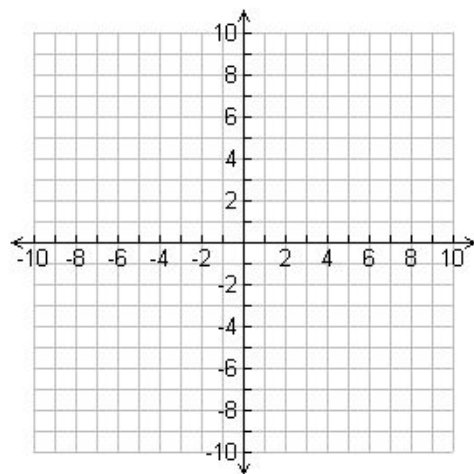
$$6x - 3y = 3$$



Solution: _____

3. $y = -3x$

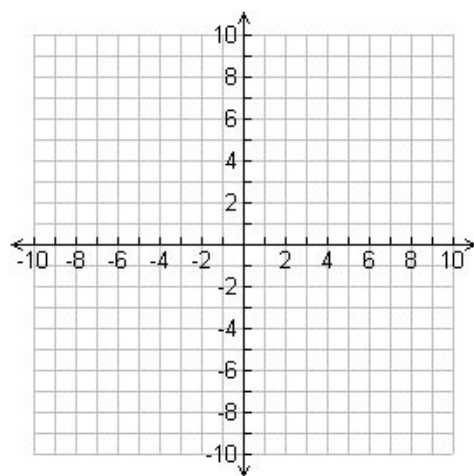
$$3x + y = 5$$



Solution: _____

4. $2x - y = 6$

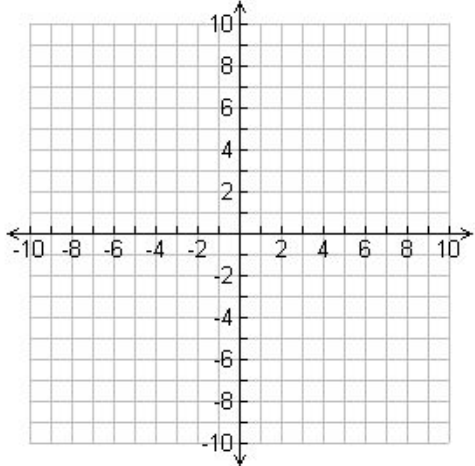
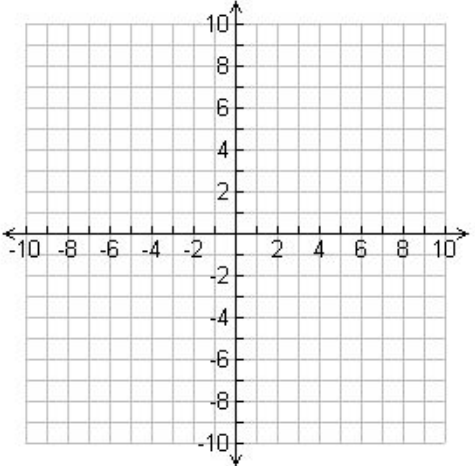
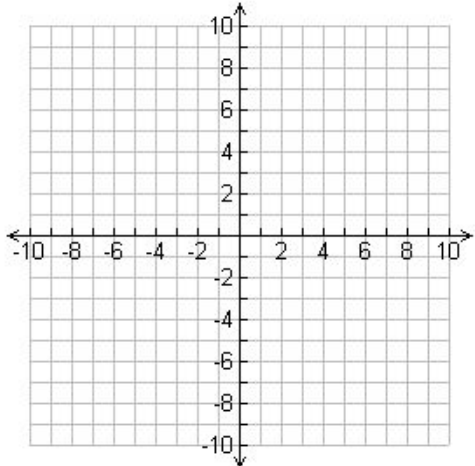
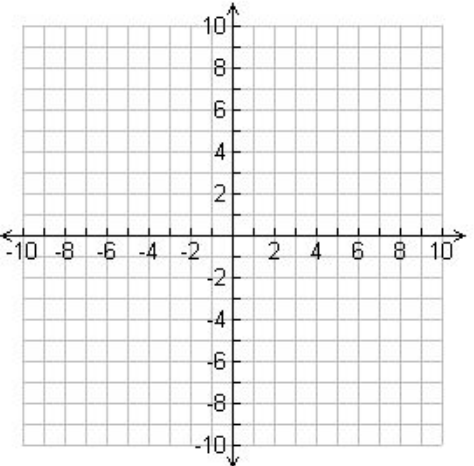
$$2y = 4x - 12$$

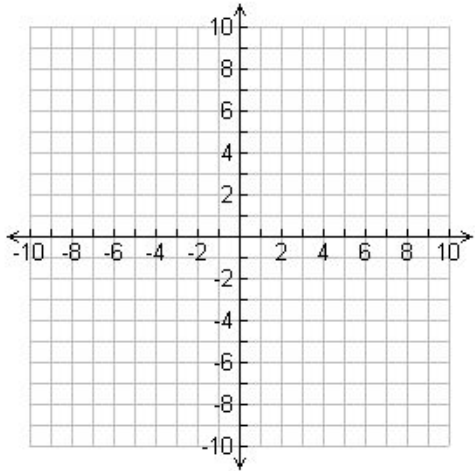
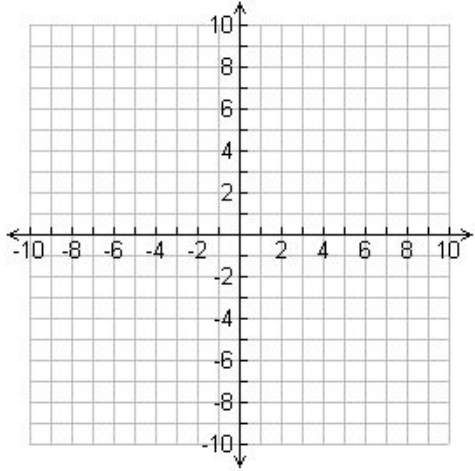
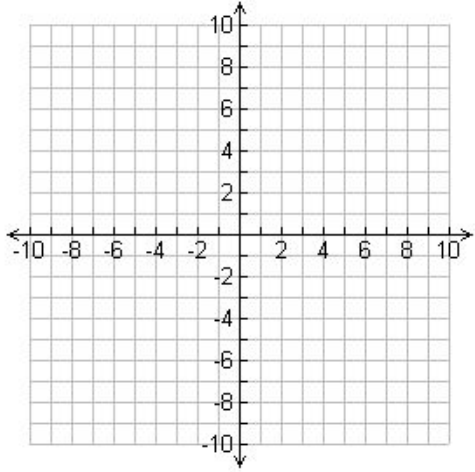
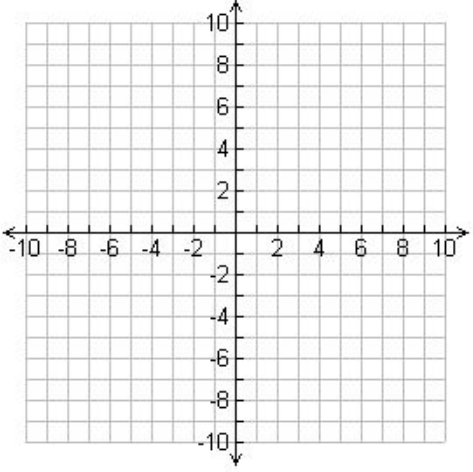


Solution: _____

Name:

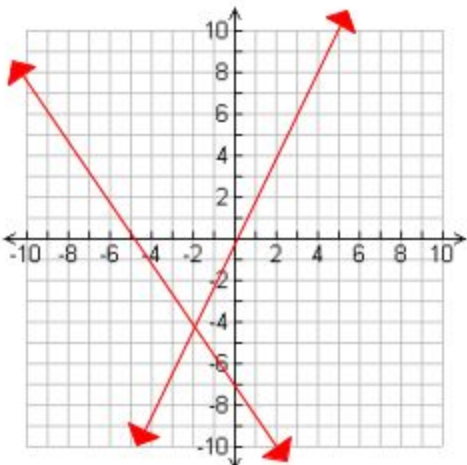
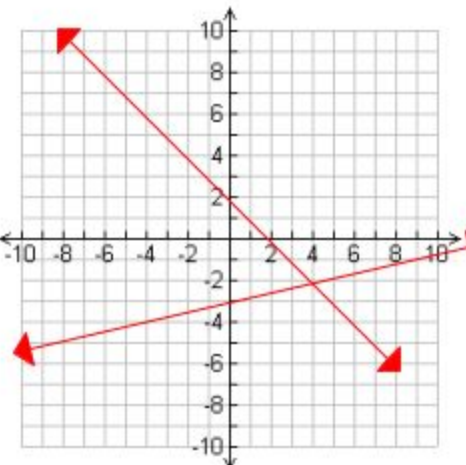
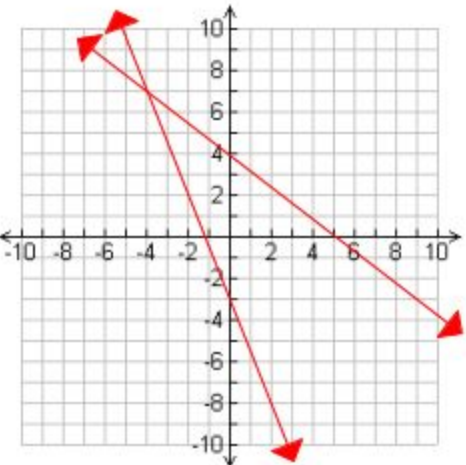
Solving Systems of Equations by Graphing- Independent Practice

Problems		Solutions
Directions: Solve each system by graphing.		
<p>1. $2x + 3y = 6$ $y = 2x - 6$</p> 	<p>2. $x + y = -1$ $y = -x + 5$</p> 	<p>1. _____</p> <p>2. _____</p> <p>3. _____</p> <p>4. _____</p>
<p>3. $x + 2y = -4$ $y = \frac{3}{2}x - 6$</p> 	<p>4. $-x + 4y = -8$ $2y = \frac{1}{2}x - 4$</p> 	

Problems		Solutions
<p>5. $y = \frac{3}{4}x - 3$ $2y = 3x$</p> 	<p>6. $y = x$ $y = 2x - 5$</p> 	<p>5. _____</p> <p>6. _____</p> <p>7. _____</p> <p>8. _____</p>
<p>7. $5x + 2y = 4$ $y = -\frac{1}{2}x - 2$</p> 	<p>8. $3x - y = -1$ $2x - 3y = -3$</p> 	

Name: ANSWER KEY

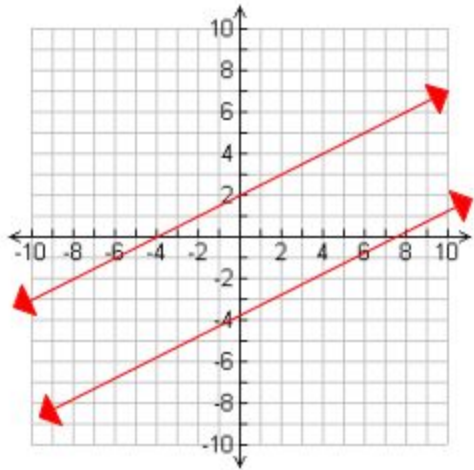
Systems of Equations by Graphing- Guided Practice

Example	Practice
Directions: Solve each system by graphing.	
<p>EX 1:</p> $y = 2x$ $y = -\frac{3}{2}x - 7$  <p>Solution: <u>$(-2, -4)$</u></p>	<p>1. $y = -x + 2$ $y = \frac{1}{4}x - 3$</p>  <p>Solution: <u>$(4, -2)$</u></p> <p>2. $y = -\frac{5}{2}x - 3$ $y = -\frac{3}{4}x + 4$</p>  <p>Solution: <u>$(-4, 7)$</u></p>

EX 2:

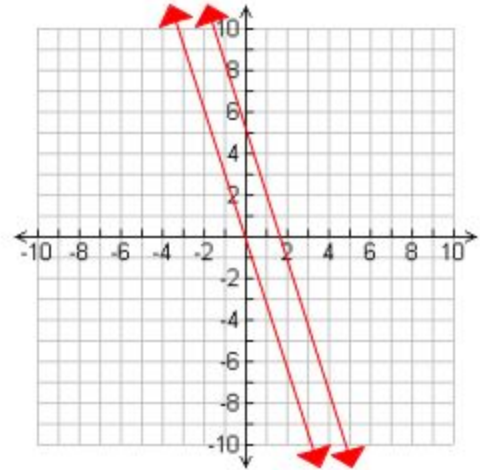
$$-2x + 4y = 8$$

$$x - 2y = 8$$



Solution: No solution

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

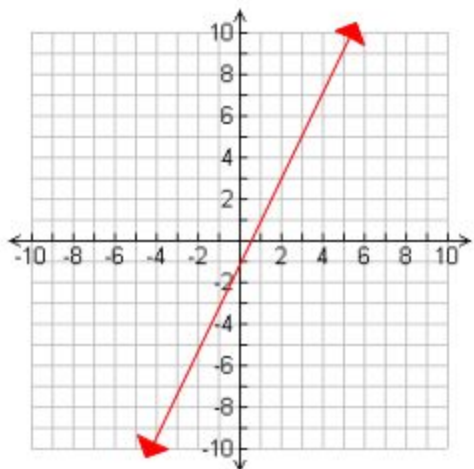


Solution: No solution

EX 3:

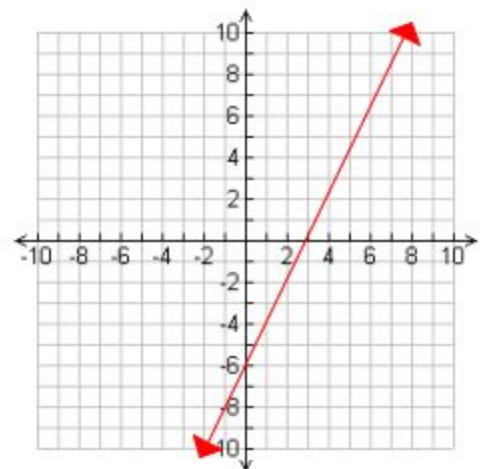
$$y = 2x - 1$$

$$6x - 3y = 3$$



Solution: Infinitely many solutions

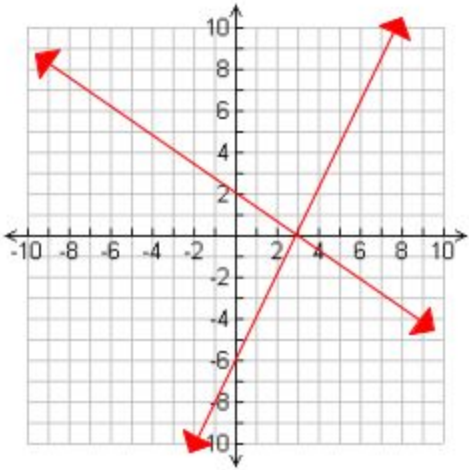
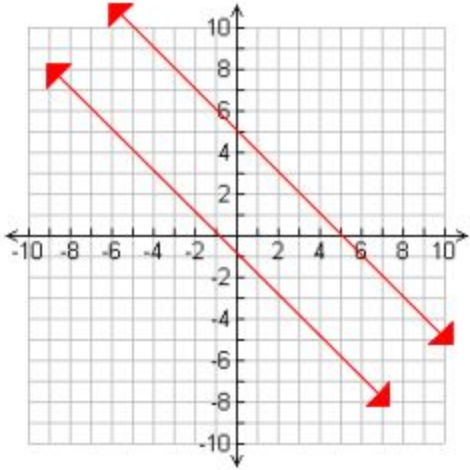
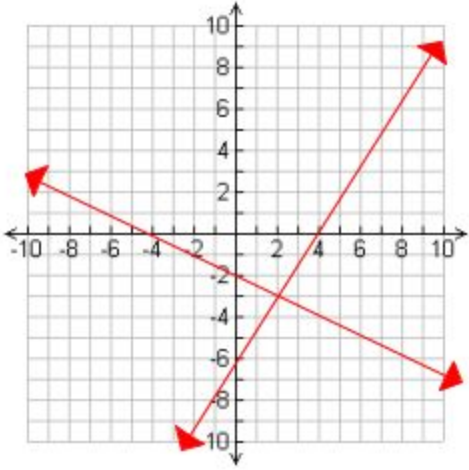
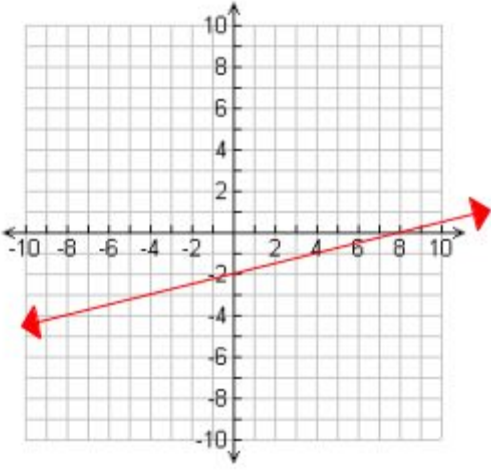
4. $2x - y = 6$
 $2y = 4x - 12$

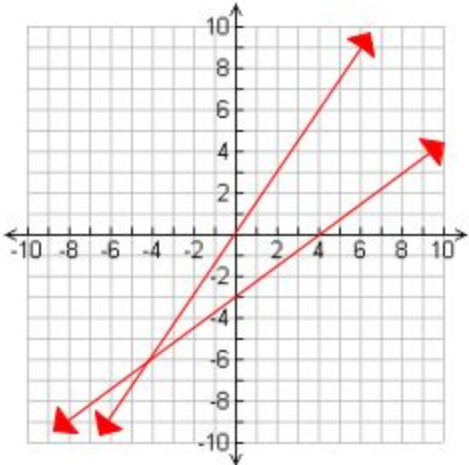
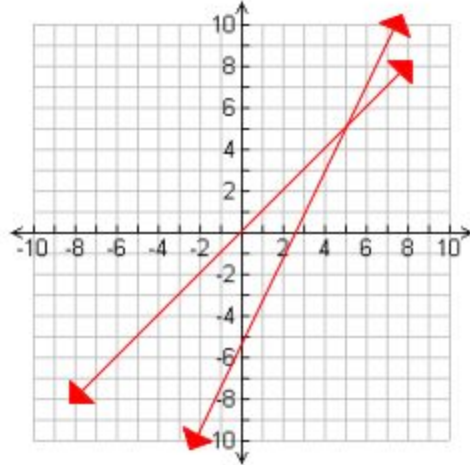
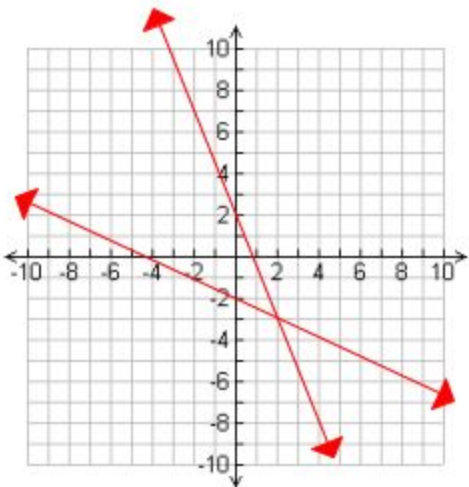


Solution: Infinitely many solutions

Name: ANSWER KEY

Solving Systems of Equations by Graphing- Independent Practice

Problems		Solutions
Directions: Solve each system by graphing.		
<p>1. $2x + 3y = 6$ $y = 2x - 6$</p> 	<p>2. $x + y = -1$ $y = -x + 5$</p> 	<p>1. (3,0)</p> <p>2. No solution</p> <p>3. (2,-3)</p> <p>4. Infinitely many solutions</p>
<p>3. $x + 2y = -4$ $y = \frac{3}{2}x - 6$</p> 	<p>4. $-x + 4y = -8$ $2y = \frac{1}{2}x - 4$</p> 	

Problems		Solutions
<p>5. $y = \frac{3}{4}x - 3$ $2y = 3x$</p> 	<p>6. $y = x$ $y = 2x - 5$</p> 	<p>5. (-4,-6)</p> <p>6. (5,5)</p> <p>7. (2,-3)</p> <p>8. (0,1)</p>
<p>7. $5x + 2y = 4$ $y = -\frac{1}{2}x - 2$</p> 	<p>8. $3x - y = -1$ $2x - 3y = -3$</p> 