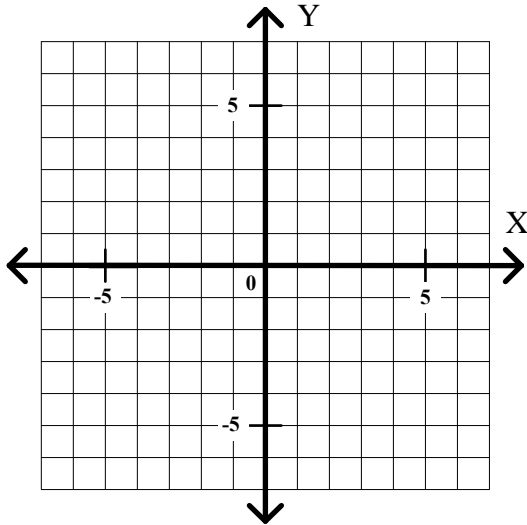


Algebra II Worksheet #5 Unit 2 page 1

Solve each of the following systems graphically.

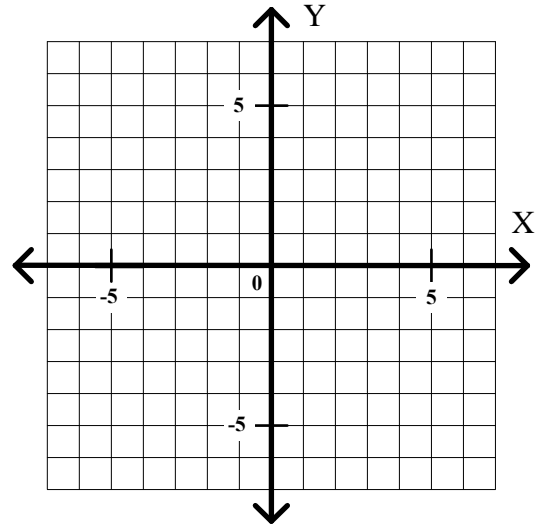
1. $y = 2x - 5$ $x = \underline{\hspace{2cm}}$

$y = -3x + 5$ $y = \underline{\hspace{2cm}}$



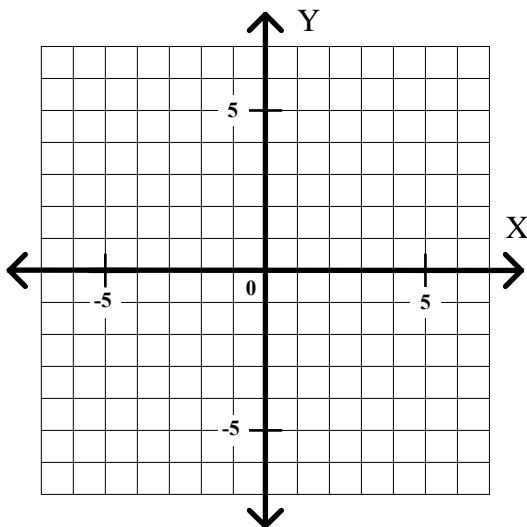
2. $y = \frac{1}{3}x + 1$ $x = \underline{\hspace{2cm}}$

$y = -\frac{2}{3}x + 4$ $y = \underline{\hspace{2cm}}$



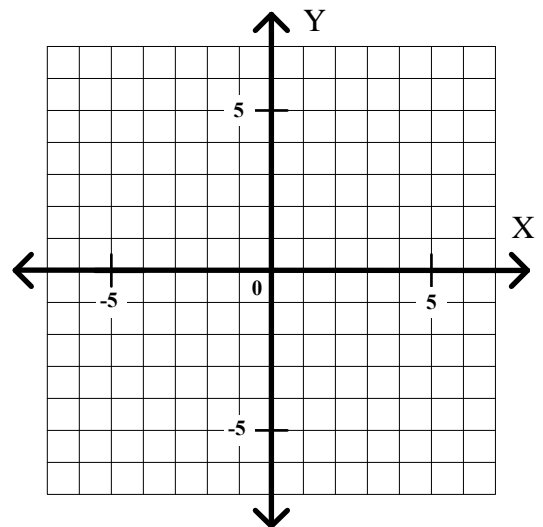
3. $3x + 2y = 12$ $x = \underline{\hspace{2cm}}$

$2x - 3y = 21$ $y = \underline{\hspace{2cm}}$



4. $2x - y = -2$ $x = \underline{\hspace{2cm}}$

$x + 3y = -15$ $y = \underline{\hspace{2cm}}$



Algebra II Worksheet #5 Unit 2 page 2

Solve each of the following systems using the substitution method.

5. $2x + 3y = 19$ $x = \underline{\hspace{2cm}}$
 $y = x - 2$ $y = \underline{\hspace{2cm}}$

6. $3x - 5y = -1$ $x = \underline{\hspace{2cm}}$
 $y = 2x + 3$ $y = \underline{\hspace{2cm}}$

7. $y = 3x - 2$ $x = \underline{\hspace{2cm}}$
 $5x + 9y = 6$ $y = \underline{\hspace{2cm}}$

8. $y = 4x + 3$ $x = \underline{\hspace{2cm}}$
 $3x - 2y = 4$ $y = \underline{\hspace{2cm}}$

9. $5x + 4y = 11$ $x = \underline{\hspace{2cm}}$
 $y = 4x - 6$ $y = \underline{\hspace{2cm}}$

10. $2x - 3y = 1$ $x = \underline{\hspace{2cm}}$
 $y = 5x - 3$ $y = \underline{\hspace{2cm}}$

Algebra II Worksheet #5 Unit 2 page 3

Solve each of the following systems using the multiplication/addition method.

11. $3x + 2y = 4$ $x = \underline{\hspace{2cm}}$
 $x - 3y = 5$ $y = \underline{\hspace{2cm}}$

12. $2x - 3y = 10$ $x = \underline{\hspace{2cm}}$
 $3x - y = 1$ $y = \underline{\hspace{2cm}}$

13. $5x + 2y = 14$ $x = \underline{\hspace{2cm}}$
 $3x + 4y = 7$ $y = \underline{\hspace{2cm}}$

14. $3x + 5y = 2$ $x = \underline{\hspace{2cm}}$
 $7x + 3y = 9$ $y = \underline{\hspace{2cm}}$

15. $2x + 3y = -6$ $x = \underline{\hspace{2cm}}$
 $6x - 5y = 17$ $y = \underline{\hspace{2cm}}$

16. $4x + 5y = 2$ $x = \underline{\hspace{2cm}}$
 $3x - 2y = -1$ $y = \underline{\hspace{2cm}}$