

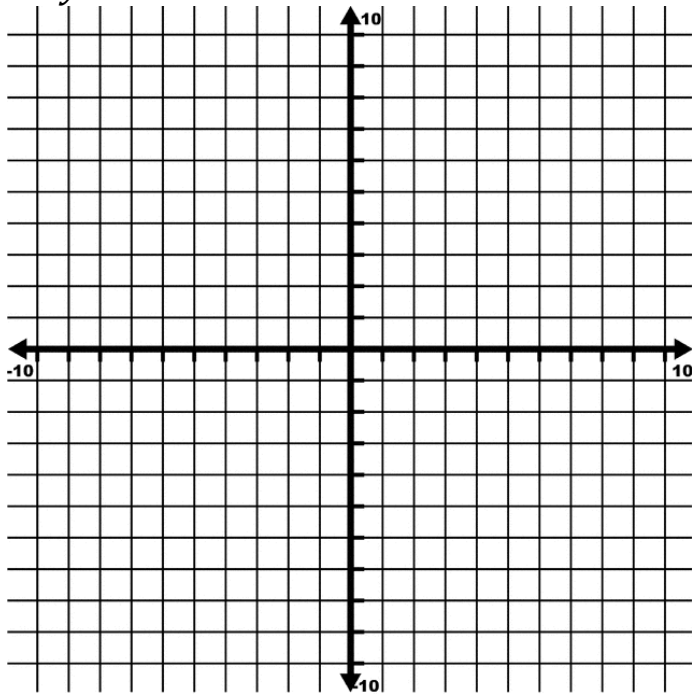
Blizzard Bag #3

Algebra I

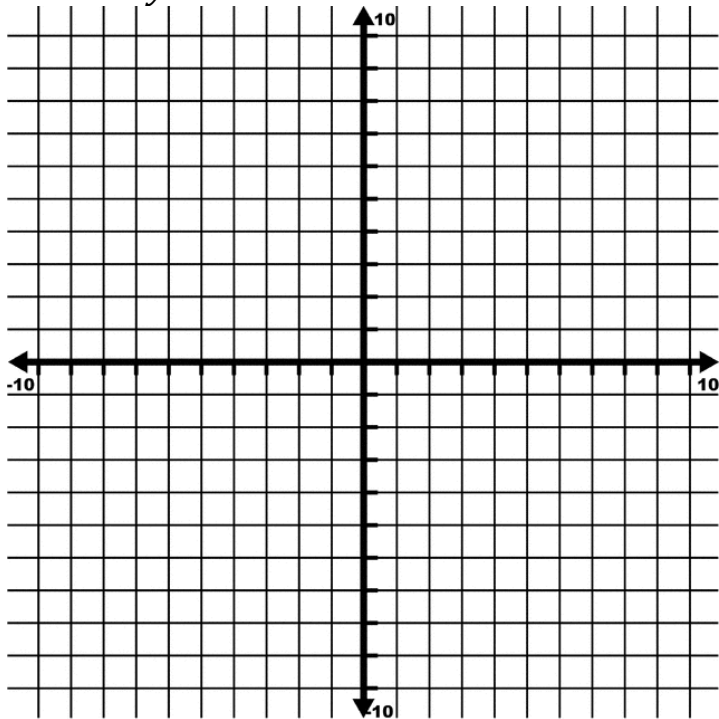
Name _____

Solve the linear system by graphing.

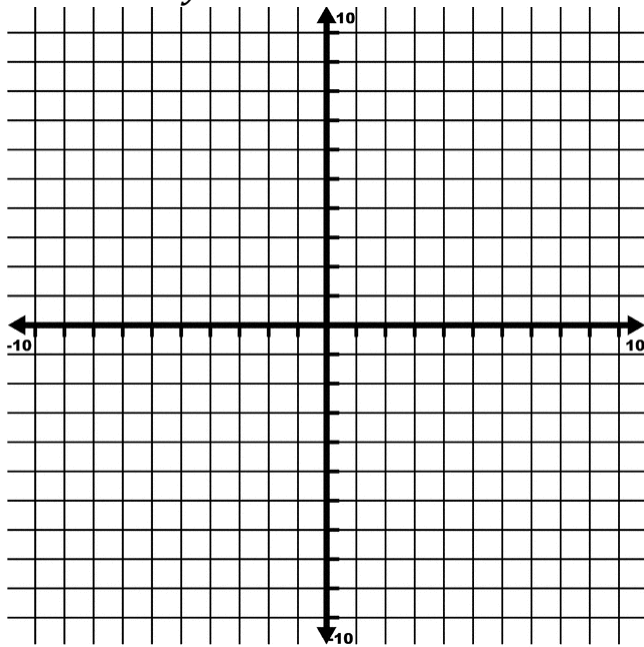
1. $y = 3x$
 $y = 4x - 1$



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



3. $-3x - y = -1$
 $2x + 4y = -16$



Solve the linear system using substitution.

4. $x = 6 - 4y$
 $2x - 3y = 1$

5. $4x + 3y = 0$
 $2x + y = -2$

6. $-x + 2y = -6$
 $8x + y = 31$

Solve the linear system by using elimination.

$$7. \begin{cases} 7x - 4y = -30 \\ 3x + 4y = 10 \end{cases}$$

$$8. \begin{cases} x - 3y = 6 \\ -2x - 3y = 33 \end{cases}$$

$$9. \begin{cases} -3x + 10y = 23 \\ 5x + 2y = 55 \end{cases}$$

$$10. \begin{cases} 2x + 7y = 2 \\ 5x - 2y = 83 \end{cases}$$