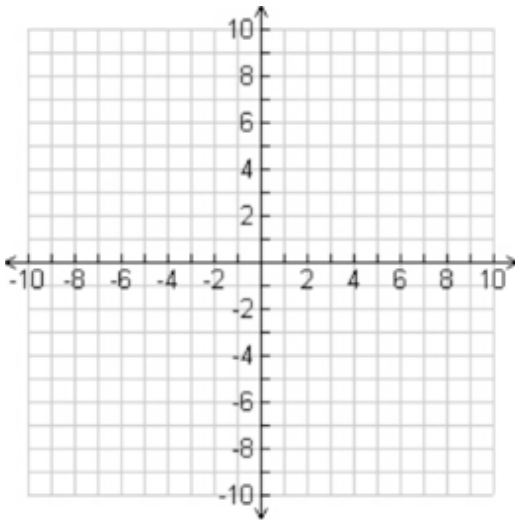
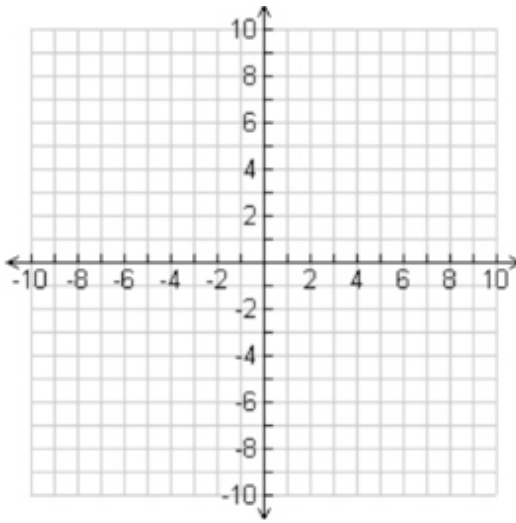


Solve each system of equations by **graphing**. Clearly identify your solution.

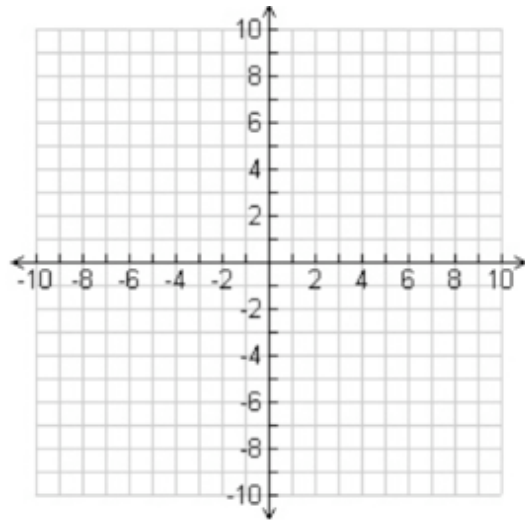
$$1) \begin{cases} y = x - 8 \\ y = -2x + 1 \end{cases}$$



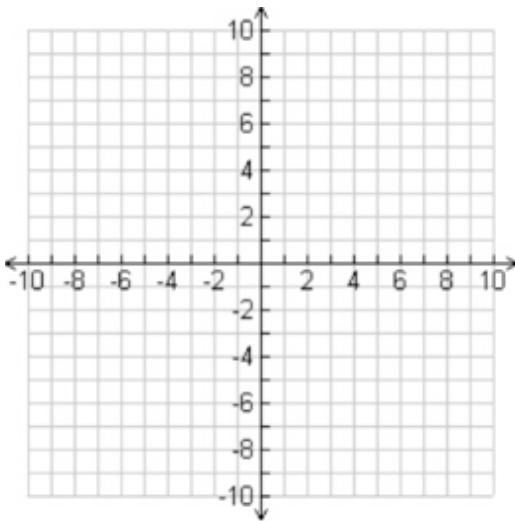
$$2) \begin{cases} y = \frac{1}{2}x + 9 \\ y = -x + 6 \end{cases}$$



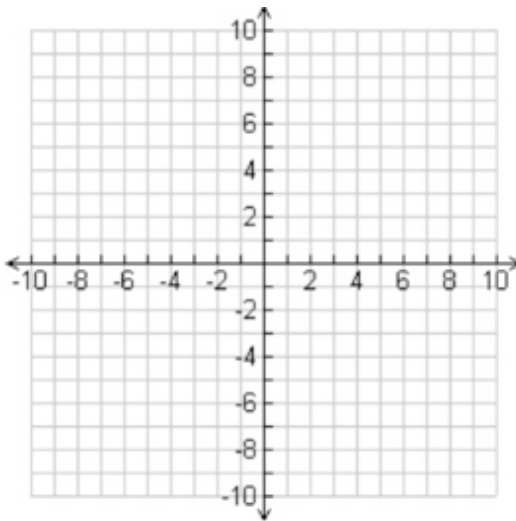
$$3) \begin{cases} -3x + y = 8 \\ -x + y = -2 \end{cases}$$



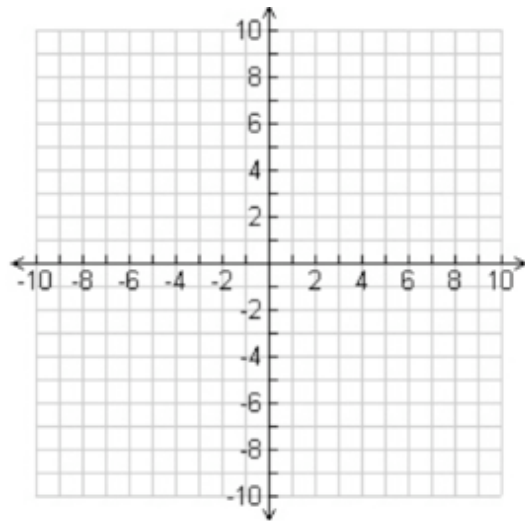
$$4) \begin{cases} x + 2y = 4 \\ y = -\frac{1}{2}x + 2 \end{cases}$$



$$5) \begin{cases} x + 3y = -15 \\ y = -7 \end{cases}$$



$$6) \begin{cases} y = x + 5 \\ x - y = 2 \end{cases}$$



Solve each system of equations by **substitution**. Clearly identify your solution.

$$7) \begin{cases} 2x + y = -2 \\ 5x + 3y = -8 \end{cases}$$

$$8) \begin{cases} 2x - 3y = -11 \\ 2x + y = 9 \end{cases}$$

$$9) \begin{cases} x + 5y = 4 \\ 3x + 15y = -1 \end{cases}$$

$$10) \begin{cases} x + 4y = 0 \\ 3x + 2y = 20 \end{cases}$$

$$11) \begin{cases} 6x + 3y = 54 \\ 2x + y = 18 \end{cases}$$

Solve each system of equations by **elimination**. Clearly identify your solution.

$$12) \begin{cases} x - 3y = -2 \\ 10x + 8y = -20 \end{cases}$$

$$13) \begin{cases} 3x - y = -8 \\ 5x + 2y = 5 \end{cases}$$

$$14) \begin{cases} -3x - 7y = 2 \\ x + 3y = -2 \end{cases}$$

$$15) \begin{cases} 6x - y = -9 \\ -3x + 5y = 18 \end{cases}$$

$$16) \begin{cases} 2x - 3y = -11 \\ -3x + 4y = 16 \end{cases}$$