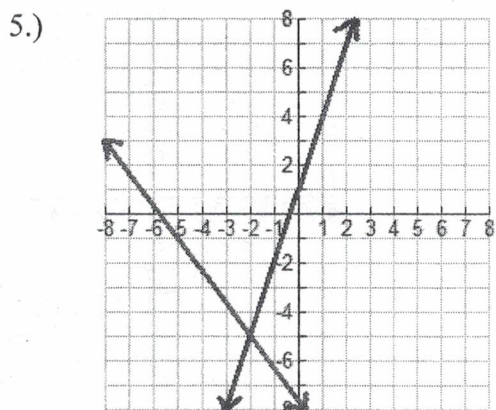


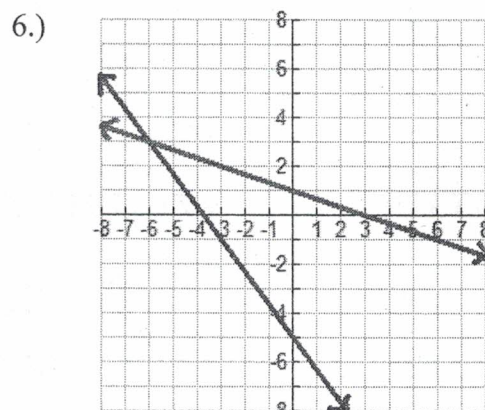
I. Determine if the given ordered pair is a solution to the system by stating YES or NO. Must show work.

1.) $\begin{cases} y = x - 1 \\ y = -x + 7 \end{cases}$; $(4, 3) \rightarrow$ _____	2.) $\begin{cases} y = -2x + 4 \\ 3y = x - 5 \end{cases}$; $(-1, 5) \rightarrow$ _____		
3.) $\begin{cases} y = -2x - 6 \\ y = \frac{5}{3}x - 4 \end{cases}$; $(-6, 6) \rightarrow$ _____	4.) $\begin{cases} x + y = -10 \\ y = -\frac{2}{3}x - 10 \end{cases}$; $(0, -10) \rightarrow$ _____		

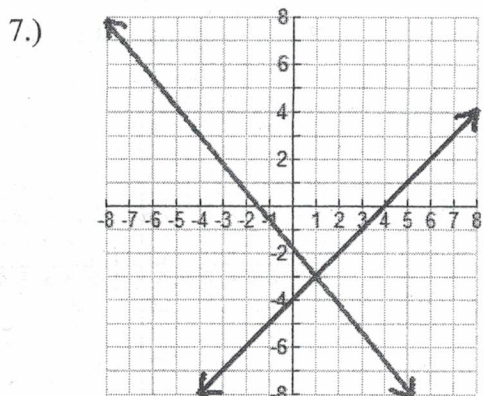
II. Determine the solution to each system by finding the point of intersection.



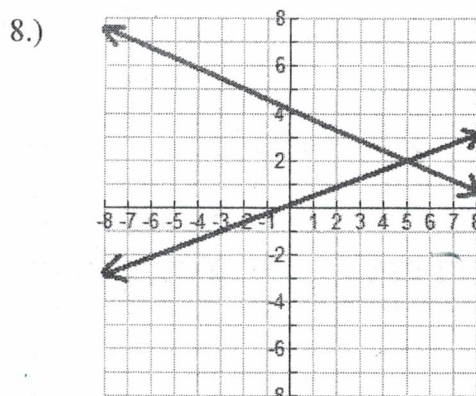
Solution: _____



Solution: _____



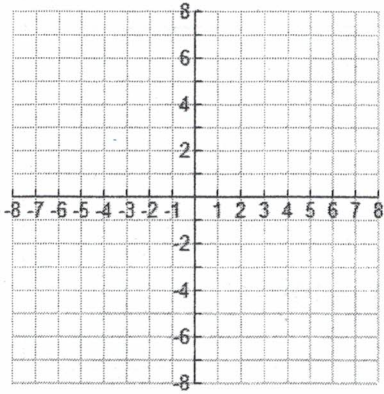
Solution: _____



Solution: _____

III. Solve each system by graphing. Classify it as Consistent Dependent, Consistent Independent, or Inconsistent. State no solution or infinitely many solutions where it applies.

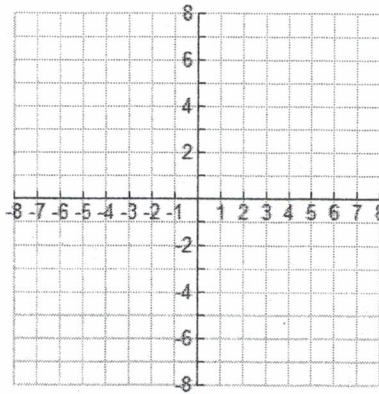
$$9.) \begin{cases} y = 3x - 1 \\ y = -2x + 4 \end{cases}$$



Solution: _____

Classify: _____

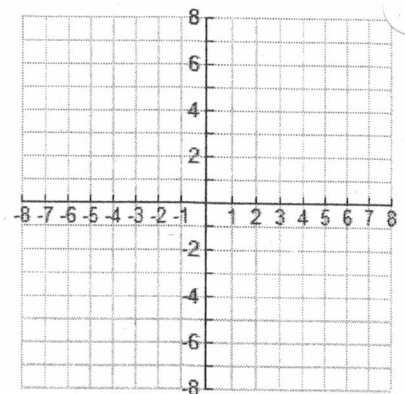
$$10.) \begin{cases} y = x - 3 \\ y = \frac{1}{7}x + 3 \end{cases}$$



Solution: _____

Classify: _____

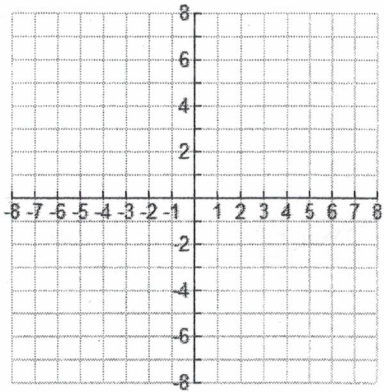
$$11.) \begin{cases} y = \frac{3}{4}x + 2 \\ -4y = -3x + 16 \end{cases}$$



Solution: _____

Classify: _____

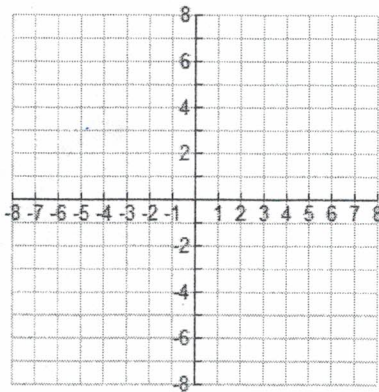
$$12.) \begin{cases} y = x \\ 3x - y = -2 \end{cases}$$



Solution: _____

Classify: _____

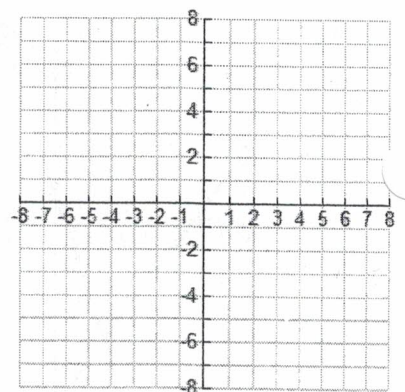
$$13.) \begin{cases} 3x - y = 9 \\ y = x + 1 \end{cases}$$



Solution: _____

Classify: _____

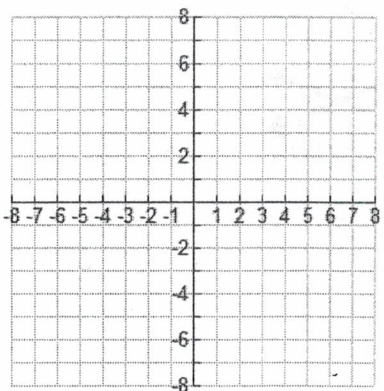
$$14.) \begin{cases} 2y = -6x - 8 \\ 3x + y = -4 \end{cases}$$



Solution: _____

Classify: _____

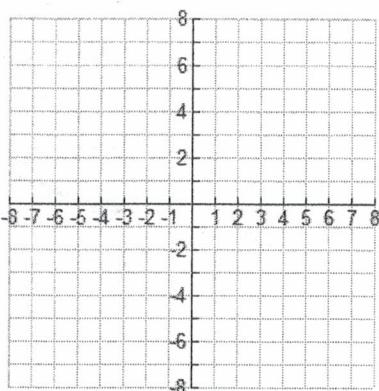
$$15.) \begin{cases} y = -x - 3 \\ 2x + y = -8 \end{cases}$$



Solution: _____

Classify: _____

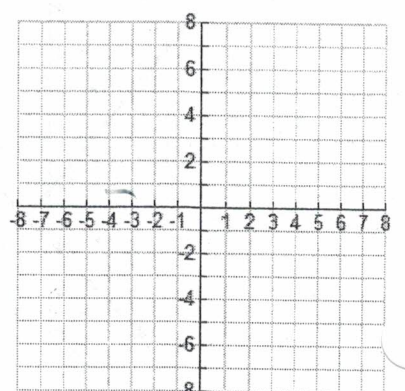
$$16.) \begin{cases} x = y + 4 \\ y = x + 4 \end{cases}$$



Solution: _____

Classify: _____

$$17.) \begin{cases} x - y = 1 \\ -3x + 4y = 4 \end{cases}$$



Solution: _____

Classify: _____