Mrs_Lewis_Tech Math A_ Period 4 Offsite_Learning_Packet_Day 6

Your name _____

Assignment # 6 Points 15

Tech Math Off-site Instruction Packet Cover Page (Periods 1,2,4)

Students, You can contact me with questions or just to say hi.

Email: LEWISJU@mwood.cc (Put your name in the subject line so I know who you are!!). I will be checking mail multiple times each day.

Topic of this assignment: 17.1 Continued (Solving systems by graphing)

What you need to know: We're still searching for the point of intersection.

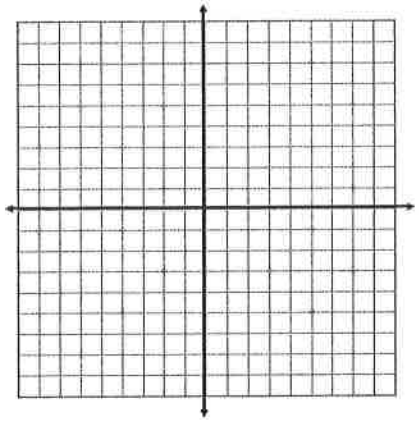
What you need to do: See #12. Search online if needed. Complete remaing problems 9 – 16.

Suggested Youtube/Google search: Solving systems of equations by graphing.

* Identify each solution!

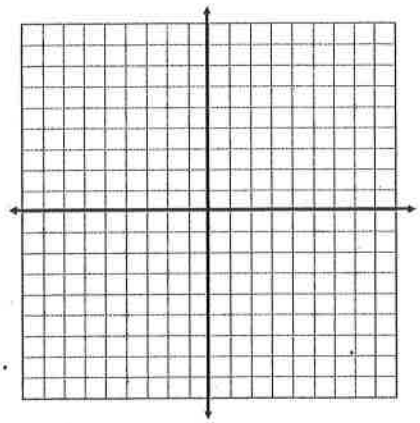
9. $\begin{cases} x+y=6 \\ x-y=-10 \end{cases}$

Solution = _____



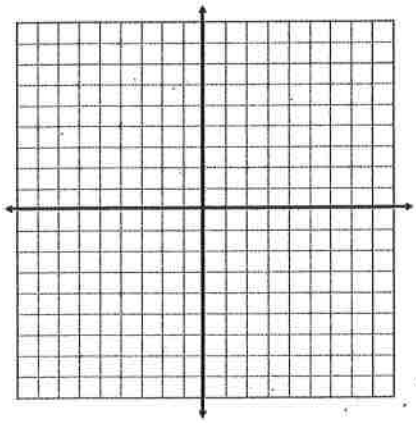
10. $\begin{cases} x+2y=2 \\ 2x+y=-5 \end{cases}$

Solution = _____



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

Solution = _____



12. $\begin{cases} 4y+12x=20 \\ -3x+3y=3 \end{cases}$

$4y+12x=20$
$-12x \quad -12x$

$\frac{4y}{4} = \frac{-12x}{4} + \frac{20}{4}$

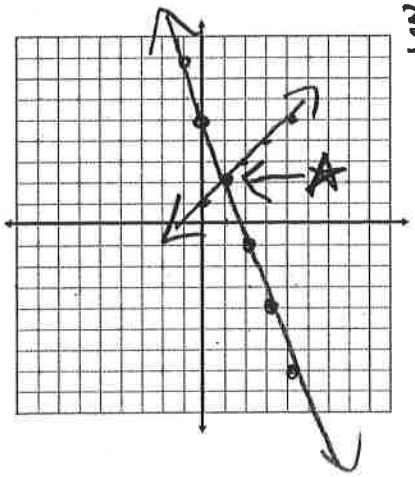
$y=-3x+5$

Solution = $(1, 2)$

$-3x+3y=3$
$+3x \quad +3x$

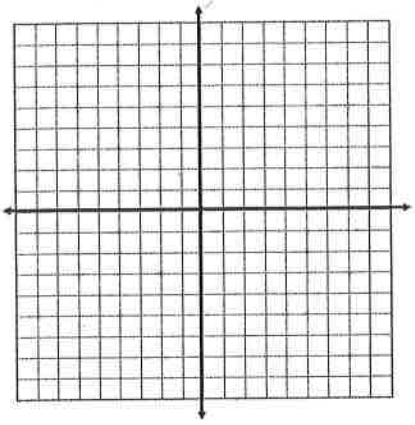
$\frac{3y}{3} = \frac{3x}{3} + \frac{3}{3}$

$y=x+1$



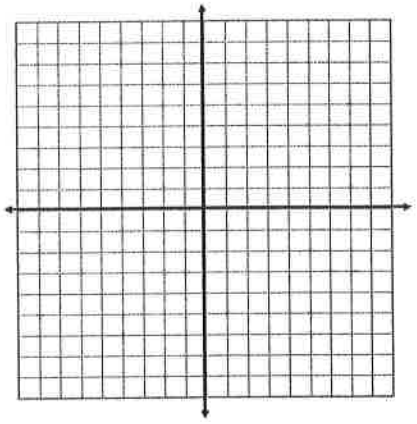
13. $\begin{cases} x-3y=1 \\ 3x+y=-7 \end{cases}$

Solution = _____



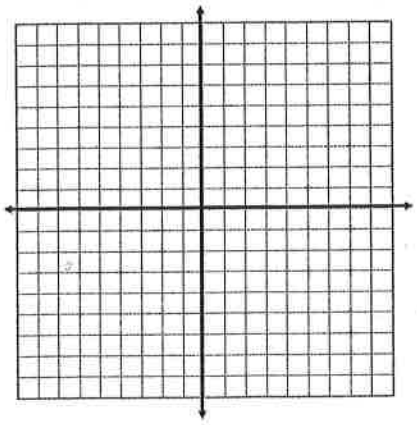
14. $\begin{cases} x+3y=-6 \\ 3y-x=-12 \end{cases}$

Solution = _____



15. $\begin{cases} y=-5x+8 \\ y-2x=1 \end{cases}$

Solution = _____



16. $\begin{cases} 2x+y=0 \\ 3x-y=-10 \end{cases}$

Solution = _____