Monday, April 6, 2020 5:42 PM

	4. Algebra 1: Systems of Linear Equations		
	Assignment VD	S. WILSON 😻	
No.	Study Guide	Assignment	
1	$ \begin{array}{c} 5x - 2 = -xx + 20 \\ +6x $	$ \begin{array}{c c} x & 1 & = 5x + 15 \\ -1 & -1 & + 15 \\ -15 & -15 \\ \hline -16 & -15 \\ \hline -16 & -17 \\ \hline -17 & -17 \\ -17 & -17 \\ \hline -17 & -17 \\ -17 & -17 \\ \hline -17 & -17 \\ -17 & -17 \\ \hline -17 & -17 \\ -17 & -17 \\ \hline -17 & -17 \\ -17 & -17 \\ \hline -17 & -17 \\ -$	
2	Solve by graphing $\begin{cases} y = -\frac{1}{2}x - 3 & M = -\frac{1}{2}b = -\frac{1}{2}y = x + 3 & M = -\frac{1}{2}b = 3 \\ y = x + 3 & M = -\frac{1}{2}b = 3 \end{cases}$ Solution:	Solution: $y = 2x - 1$ $m = 2$ $b = -1$ $m = -1$ $b = -4$ $b = -4$	
3	(6x + 10) = -23 $(-6x - 10y = 16$ $0 = -7$ $NO SOLUTION$	O = O INFINITELY MANY SOLUTIMS	

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4	3(5x - 3y = -14)3 $-15x - 4y = 3$ $5x - 9y = -42$	3x - 7y = 15 2 $2x + 14y = 10$ $6x - 14y = 30$
	Substitute in eyn (1)	$\frac{\frac{6}{8} \cdot \frac{40}{8}}{\left[\times = 5 \right]}$ Substitute $\times = 5$ in (2)
	$5 \times -3(3) = -14$ $5 \times -9 = -14$ 49 49	2(5) + 14y = 10 $10 + 14y = 17$ -10 $14y = 0$ $14y = 0$ $14y = 0$ $14y = 0$
	36 -1,3)	(5,0)
5	$3 \begin{cases} 3x + 2y = -5 \\ -4x - 6y = -10 \end{cases}$ $9 \begin{cases} 1/6 \\ 4/6 \\ 5 \end{cases} = -25$	$2 \begin{cases} 4x - 3y = 3 \\ -8y + 6y = -6 \end{cases}$
	5 5 X=-5, Subst. X=-5 in eqn (1)	Many Solutions
	3(-5) tdy = -5 -15 tdy = -5 +15	
	(-5,5)	

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