Warm Up 3/11/19

1. Complete the following chart:

Method	Use when...
Graphing	both equations in slope-incpt. form
Substitution	1 equation has a variable by itself
Elimination:	
Addition	opposite terms (-2x & 2x)
Subtraction	identical terms (3x & 3x)
Multiplication	no opposite or identical terms

2. Write the equation of a line that is parallel to y= 1/2x - 10 that passes through (8,-4)

$m = \frac{1}{2}$

$(8,-4)$

$y+4 = \frac{1}{2}(x-8)$

$y+4 = \frac{1}{2}x - 4$

$-4 \quad -4$

$y = \frac{1}{2}x - 8$

Triples Activity for Solving Systems of Equations

③

$4(3x-y=14)$

$12x-4y=56$

$+\ 5x+4y=12$

$\frac{17x}{17}=\frac{68}{17}$

$x=4$

$3(4)-y=14$

$12-y=14$

$-12\quad -12$

$-y=2$

$y=-2$

$\boxed{(4,-2)}$