Name: _____ Date: _____ Period: ____

Solving Systems of Linear Equations by multiple methods Homework

Choose FOUR of the systems below and solve each system using TWO methods. Graphs are provided if you choose to use graphing to solve your system. Rewrite the systems you choose in the boxes below.

$2x - 2y = 22$
$4x + 2y = 38$

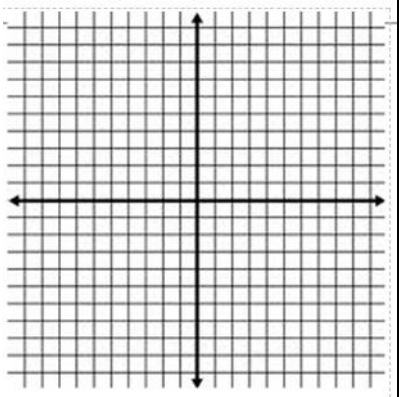
$-x + y = 1$
$-2x + y = -4$

$3x - y = 5$
$4x - 2y = 2$

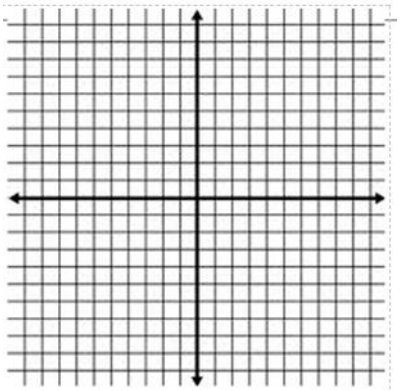
$3x - 3y = 24$
$y = -2$

$-x + y = 1$
$-10x + 2y = 26$

$3x + 3y = 9$
$x = 3$



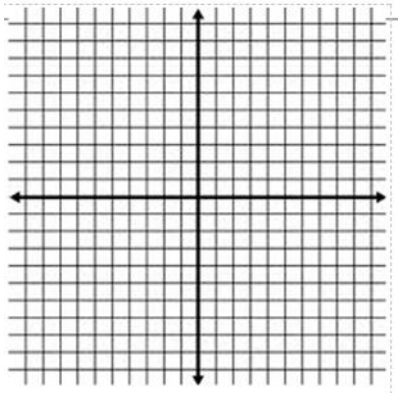
Solution: **(_____,_____)**



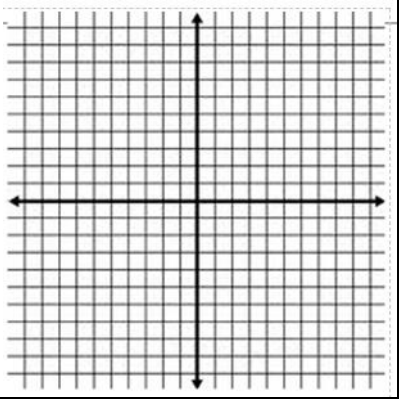
Solution: **(_____,_____)**

Name: _____ Date: _____ Period: ____

Solving Systems of Linear Equations by multiple methods Homework



Solution: **(_____,_____)**



Solution: **(_____,_____)**

All of the systems listed above can be solved using any method. Are there systems were ONE method of finding solutions would be better than ANOTHER method? For example, when would it better to solve a system with substitution or elimination rather than by graphing?

_____

Name: _____ Date: _____ Period: ____

Solving Systems of Linear Equations by multiple methods Homework