

# Solving Systems of Linear Equations (Graphing)

scan for answers



Chapter 5: Worksheet 1

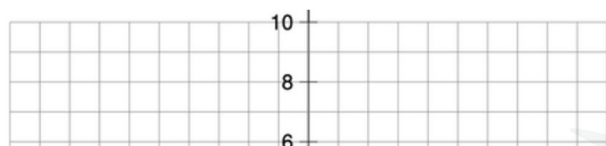
Level 1 - Graph the equations using the given slope intercept form

Level 2 - Rearrange into slope-intercept form or use axes intercepts to graph

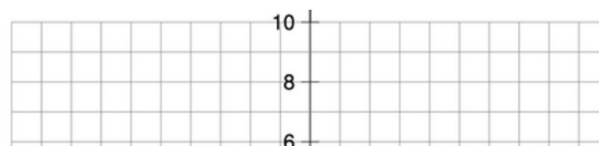
## Level 1

Solve for the unknown variables by graphing.

a) 
$$\begin{cases} y = -2x + 7 \\ y = 3x - 3 \end{cases}$$



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



## Level 2

Graph and solve the system of equations.

a) 
$$\begin{cases} x + 2y = 12 \\ 9x - 3y = 3 \end{cases}$$

