

# Study Guide

## Slope Quiz 4B

Name:

Period:

Date:

Use your notes, previous assignments and/or the textbook (p 190 - 210) to write definitions, draw pictures or give examples of...

Rise

Run

Slope

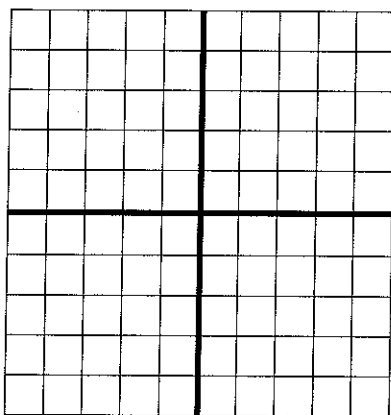
Positive slope

Negative slope

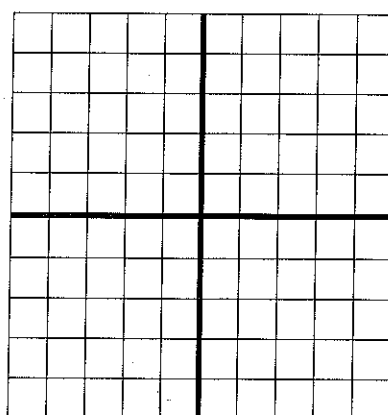
Y intercept

X intercept

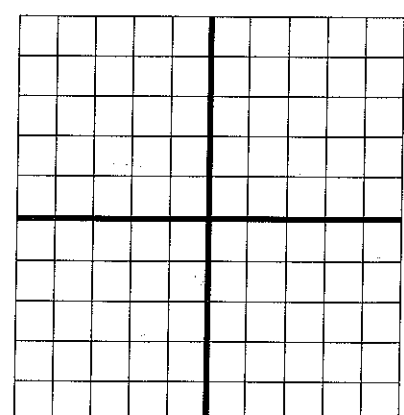
Make graphs of the following equations.



$$y = x - 2$$



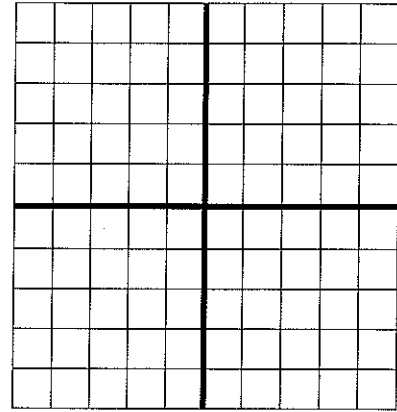
$$y = 2x - 3$$



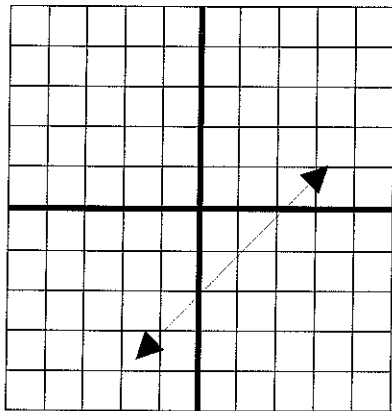
$$y = \frac{1}{2}x + 1$$

"Solve this system of equations."  $Y = 2x + 1$   $Y = -\frac{1}{2}x + 1$

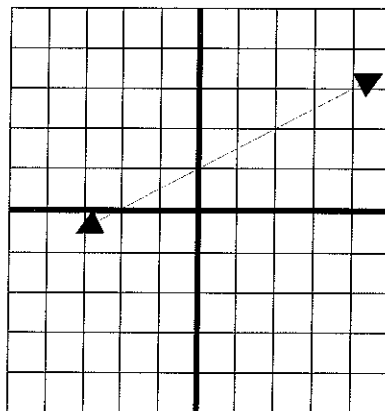
1. Make a table.
2. Plot the points.
3. Connect the points (making a line).
4. Identify where they cross.



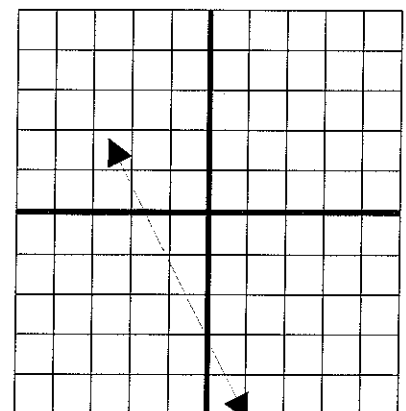
Complete the graphs of the inequalities (fill in the line and shade).



$$y > x - 2$$



$$y < \frac{1}{2}x + 1$$



$$y \geq -2x - 3$$

Plot the following points on each graph (3, 2) & (-4, -3) and write if it is a solution or not a solution.