

→ w/ m & b be the graphing

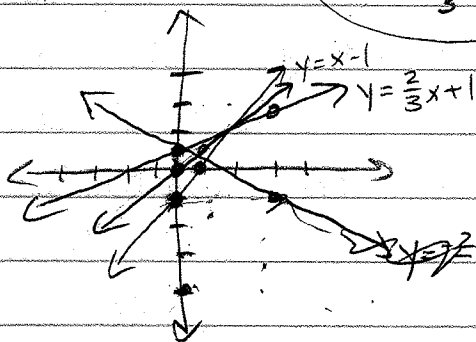
2.3a Graphs of Equations Using Slope-Intercept Form

Graph $y = x - 1$
 $m = 1$ $b = -1$

$y = \frac{2}{3}x + 1$
 $m = \frac{2}{3}$ $b = 1$

do w/ → on another graph

$y = x$ w/o a table
 $m = 1$ $b = 0$



$y = 3x - 4$

Compare $y = x - 1$ w/ $y = x$

Same slope (1), one starts @ -1
other @ 0

Compare $y = \frac{2}{3}x + 1$ w/ $y = x$

diff slopes ($\frac{2}{3}$ & 1), one
starts @ 1, other @ 0.

p93:
3-17 odd
2, 22

$$y = mx + b$$

$m =$ Slope of line ($\frac{\text{rise}}{\text{run}}$)

$b =$ Starting place on the y-axis (y-intercept)