Homework - P. 247
(32)
$$y = 5x - 7$$

$$5x + y = 7 - 5x$$

$$y = -5x + 7$$

y=-5k+7 Not parallel-Slopes wen't the same

$$6x + y = 24 - 6x$$

$$-6x$$

$$y = -6x + 24$$

$$y = -6x + -4213.187652410962154$$

$$5 | ope = -6$$

(Juiz tomorrow

Over sections 4.1-4.5

. graph coordinate pairs

you get (Coordinate pair methods

Credit for 2 X- and Y- intercept method

This (3 slope) intercept method

This YOU can use your tri-fold graphing

Organizer

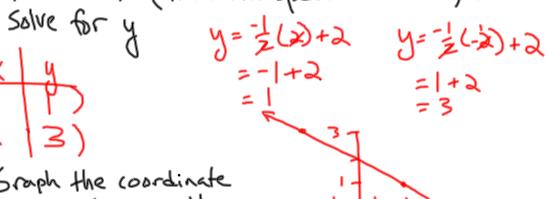
Coordinate Pair Method:

1) Write the equation in ymx+b form:

$$2x + 4y = 8 - 2x$$
 $-2x$
 $4y = -2x + 8$
 $4y = -2x + 8$
 $4y = -2x + 8$

(a) Make a table showing 2 values of x & y. Pick an x (from the specified domain) &

3) Graph the coordinate pairs and draw the line.



$$6x + -3y = 12$$

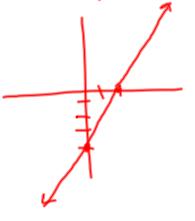
 $6(6) + \frac{-3y}{-3} = \frac{12}{-3}$
 $y = -4$
 $y = -4$
 $y = -4$

$$y$$
-intercept: $(0, -4)$

$$\frac{6x + -3(0) = 12}{6}$$
 X-intercept

$$x=g$$
 $(g'0)$

3) Graph the coordinates and draw the line.



Slope-intercept form.

1 Put the equation in y=mx+b form

$$3y-2x = -3+2x$$

 $+2x$
 $3y-2x = -3+2x$
 $-3+2x$
 $-3+2x$

 $y = \frac{2}{3}x - 1$ 2 Find the slope (m) and the y-intercept

3 Plot the y-intercept

4 Use the slope to find another point

· go "run" away the y-intercept on the x-axis

5. Draw the line

I Quad. I

Slope:

$$M = \frac{y_2 - y_1}{X_2 - X_1}$$
 $= \frac{\text{rise}}{\text{run}}$