

4.2 con't.

Jan. 22, 2007

function form : isolate the 'y'

$$12x + 3y = 6$$

→ standard form

$-12x$

$-12x$

$$3y = \frac{-12x + 6}{3}$$

→ Always Put the 'x' Value first

$$y = -4x + 2$$

function form

Same equation, Same Line, Just two different forms.

Moving to graph Paper.

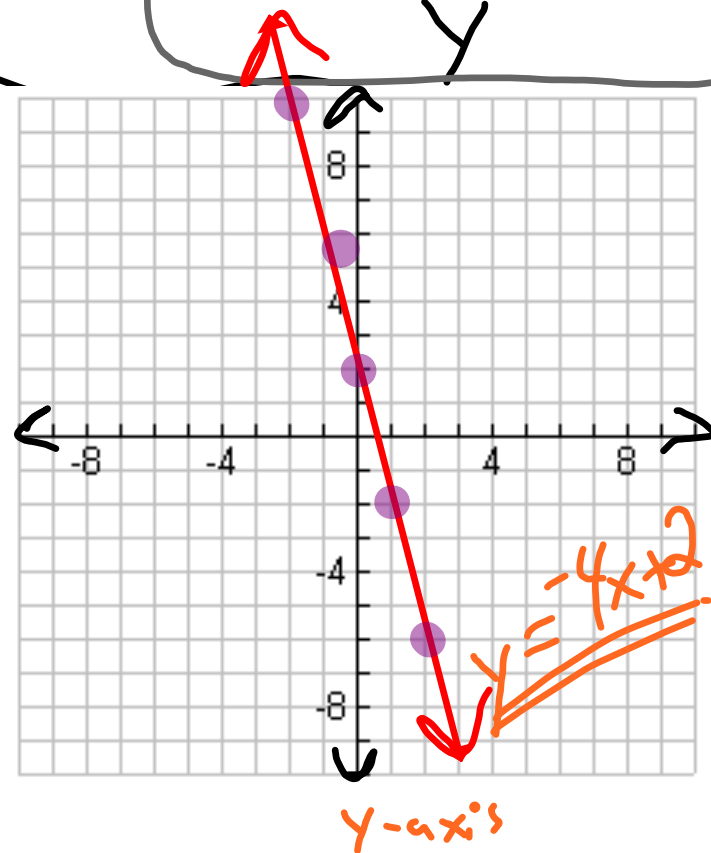
find solutions

$$y = -4x + 2$$

function
→
form

Choose a
value for
 x
Solve for
 y

x	y
-2	10
-1	6
0	2
1	-2
2	-6



The Works to $4y - 2x = 8$

$$4y - 2x = 8$$

$$\begin{array}{r} +2x \quad +2x \\ \hline \end{array}$$

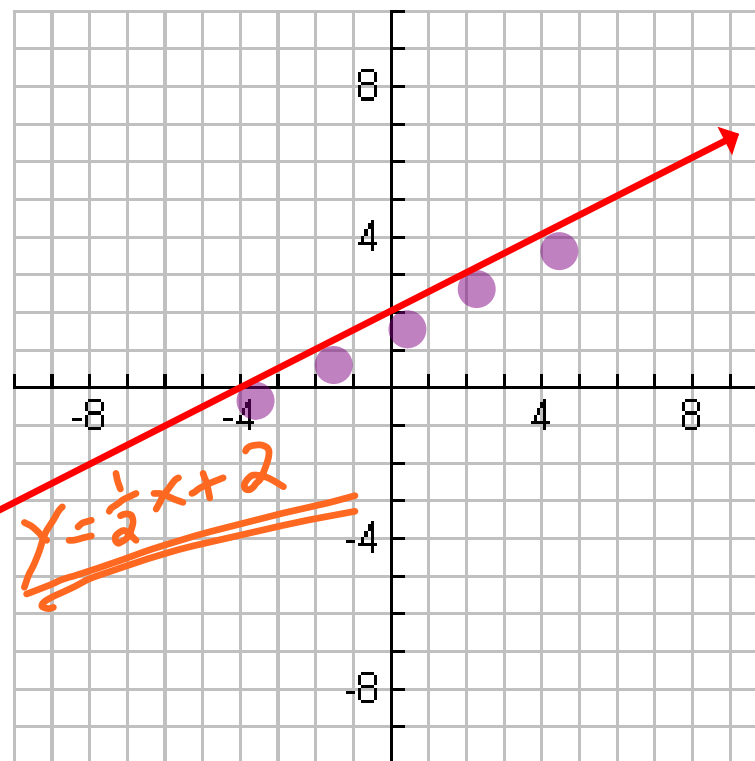
$$\begin{array}{r} 4y = 2x + 8 \\ \hline 4 \quad 4 \quad 4 \end{array}$$

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

x	y
-4	0
-2	1
0	2
2	3
4	4

$$4y - 2x = 8$$

$\boxed{}$
form



O.T.L.

 ① Write the "Summary" chart into notes
from page 212

② Pg. 213-214: 17-29 (odd), 40-42 (all)

only 3 lines per Coord. Plane!