4.2 cont. Jan. 22, 2007

function form: isolate the `y

$12x + 3y = 6$ → Standard form

$-12x \quad -12x$

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

$\frac{3}{3}$

→ Always Put the `x' Value first

$y = -4x + 2$

Function Form

Same equation, Same Line, Just two different forms.

Move to graph Side

.

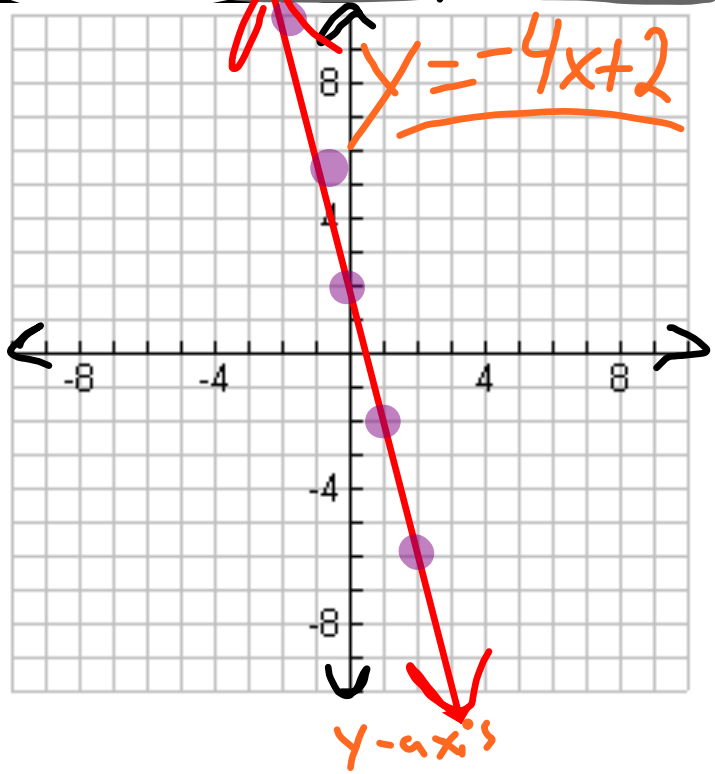
Find Solutions

$y = -4x + 2$ → 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 $4y - 2x = 8$

↳ Standard form

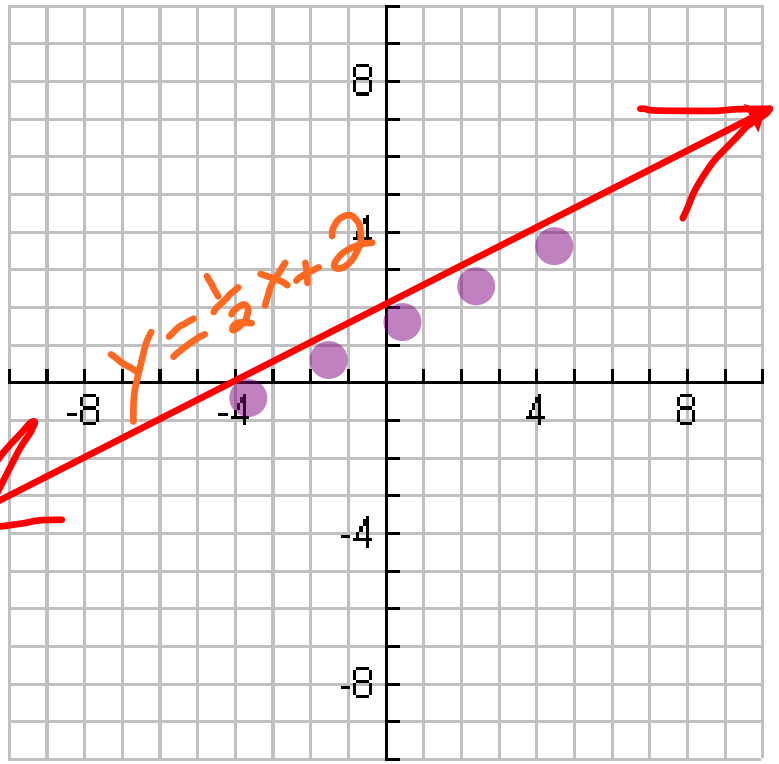
$4y - 2x = 8$

$+2x \quad +2x$

$\frac{4y}{4} = \frac{2x}{4} + \frac{8}{4}$

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

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



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!