Chapter 3 and 6 Test Review:
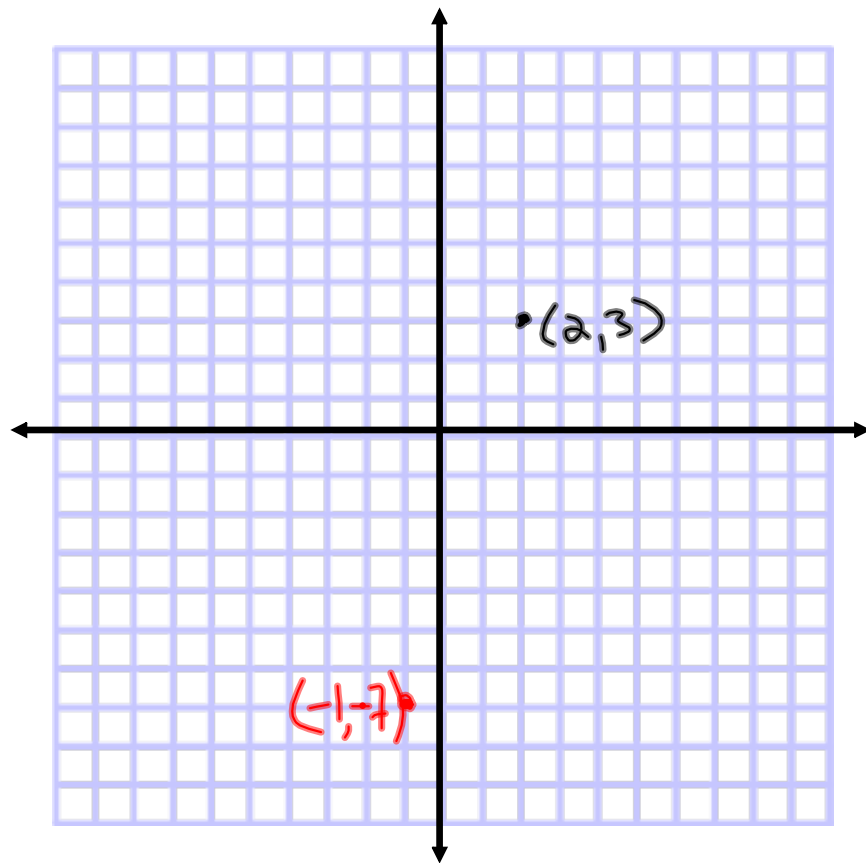
Homework Review - 1.6 and 1.7:

The Coordinate Plane
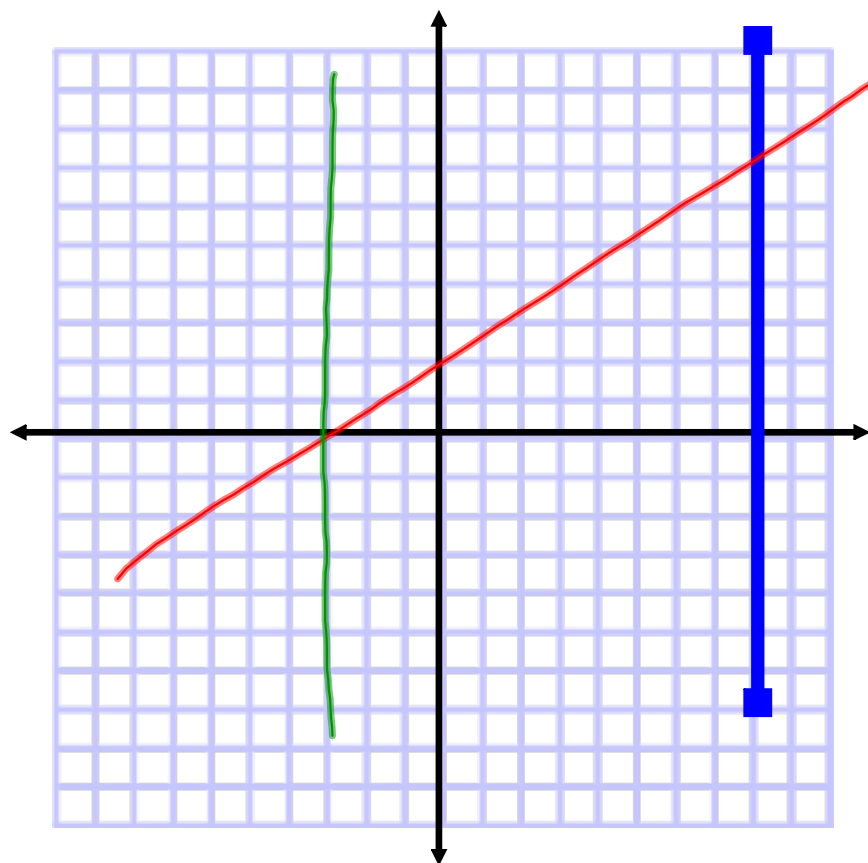
II $(-,+)$ I $(+,+)$

$(0,0)$
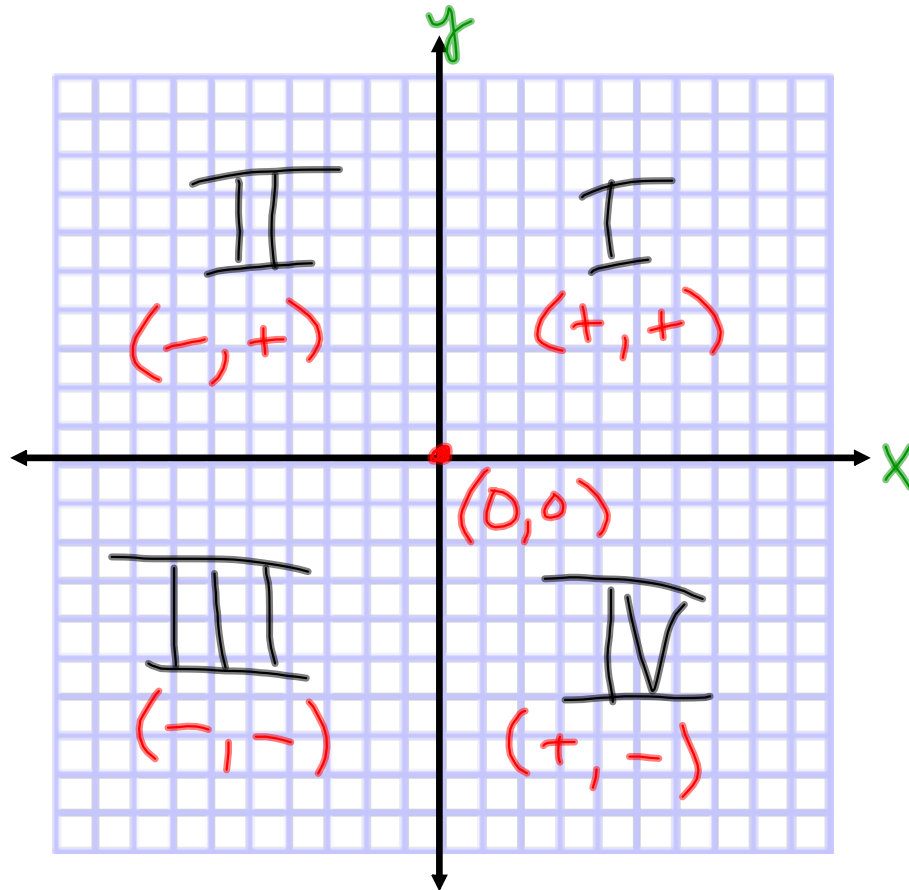
III $(-,-)$ IV $(+,-)$

axes   x and y

origin $(0,0)$ ←
(x,y) ordered pair

quadrants
I, II, III, IV

+ and -

Plotting Points

(2,3)

(-1,-7)

x	y
2	3
-1	-7

Linear Functions

$$f(x) = mx + b$$

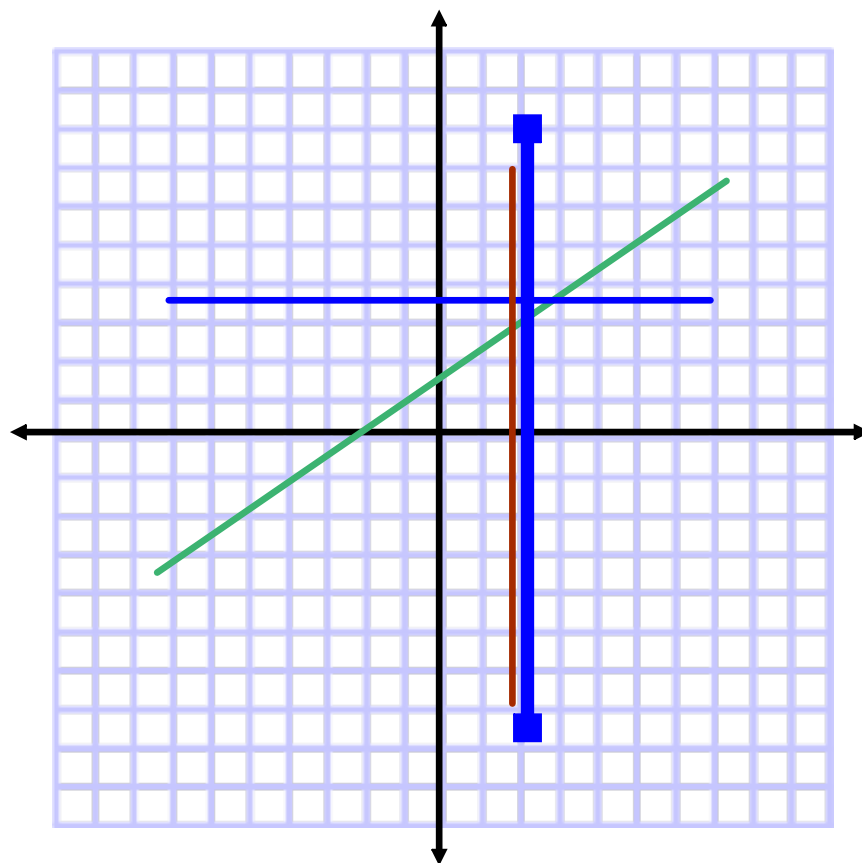Linear equations —
makes a line when graphed

Standard form

$$4x + 4y = 12 \quad (ax + by = c)$$

y = mx + b

Slope-intercept form
$$y = -2x + 6$$

One y per x (vertical line doesn't intersect twice...except...)

$$x = -3$$

Is it a function?

Green = yes

Blue = yes

Red = no

Homework:

p. 209 4-12 (even), 24, 28, 36