

12/19

C3

5.1.1

an rewrite an equation from standard to slope-intercept form.

slope intercept form

$$y = mx + b$$

↑ ↑
slope y-intercept

* y is all by itself

standard form

$$3x - 5y = 20$$

$$ax + by = c$$

* x and y are on the same side of the equal sign

standard → slope intercept form

$$-4x + 2y = 10$$

$$+4x$$

$$+4x$$

$$\frac{2y}{2} = \frac{4x + 10}{2}$$

$$y = 2x + 5$$

↑ growth

← y-intercept

p. 188

5-3 (put get y by itself)

a-d requirement

e-f honors

5-4 (isolate the variable)

a-d required

e-h honors