

HW5, A2

1) a. $y = 3(-5) - 11$

$$y = -26$$

b. $a = -3$

c. $4.5(2.2) - 3.5t = 19$

$$t = -2.6$$

d) $y = 5.49$

2) a. $\frac{y+11}{3} = x$

b. $5x - 10 = 4y - 12$

$$\frac{5x+2}{4} = y$$

c. $s = \frac{18.1 + 3.7t}{4.5}$

d. $a = 7 + 4b - 12$

$$\frac{a+5}{4} = b$$

3) a. $y = 7 + 2.4(0-5)$

$$y = -5 \quad \boxed{\text{y-int is } (0, -5)}$$

b. $0 = 7 + 2.4(x-5)$

$$0 = 7 + 2.4x - 12$$

$$x = 2.08\bar{3} \quad \boxed{\text{x-int. } (2.08\bar{3}, 0)}$$

c. It is similar to the slope