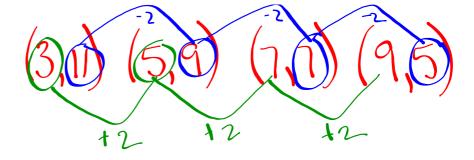


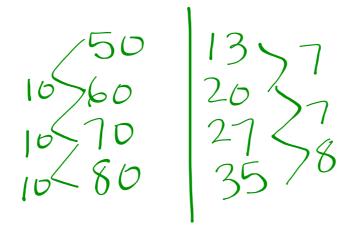
i)
$$\frac{t(5)}{r(-5)}$$
 = $\frac{-30}{4}$ = $\frac{-15}{2}$ ii) $t(r(-1))$ $r(-5)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ = (-1) = $(-1+3)$ =

$$\frac{1}{3} \left(\frac{1}{3} \right) = 22 + 4$$

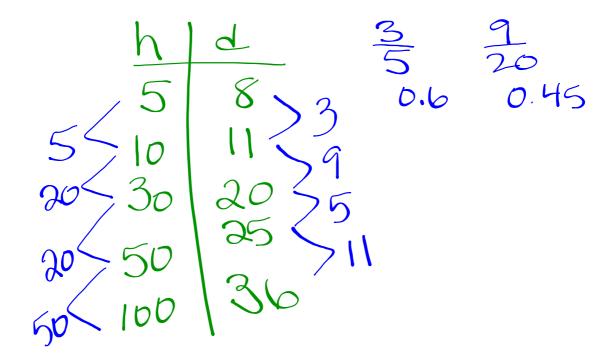
4. a)



$$\frac{-2}{+2} = -1$$



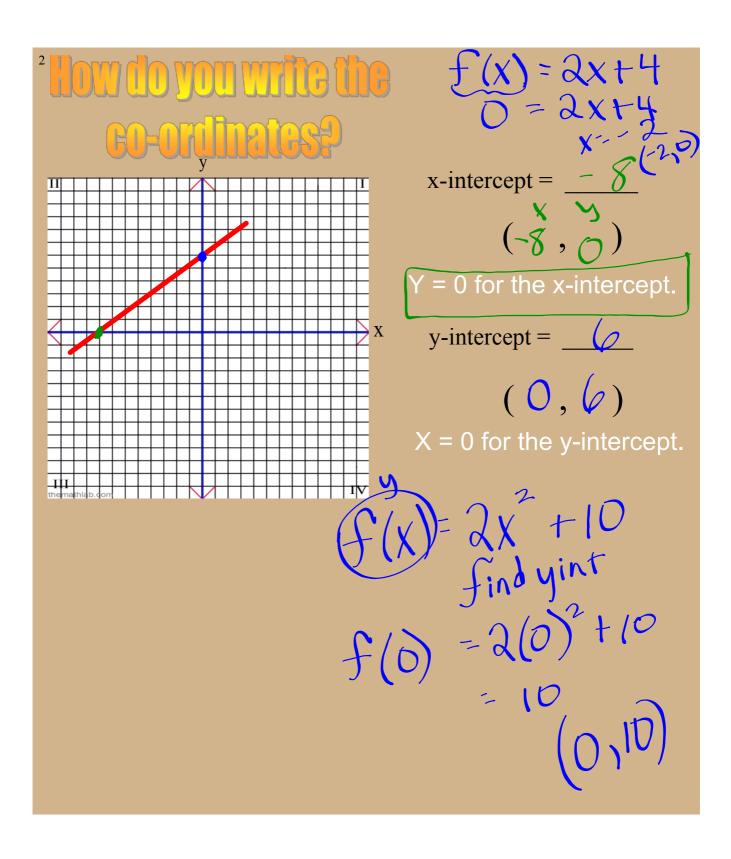
$$t \text{ (min)}$$
 0 (m) 12000 -400 11600 -400 11200 -400 10800 -400 10400 -400 10400 -400 -400 -2000 104000 10400 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000 104000

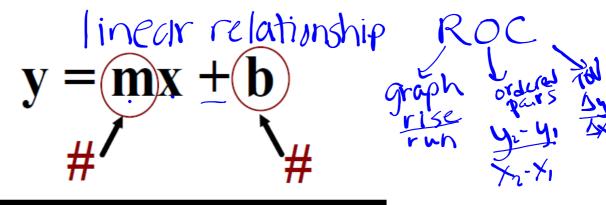






An Internet provider charges \$20.00 per month plus \$2.00 for each hour used. What is the rate of change of this linear relation?





 $\underline{\mathbf{m}}$ = Rate of Change (Slope) $\frac{\Gamma iSC}{\Gamma \omega N}$

b = to (vertical intercept or y-int.)

x+4/ 13+4/ 13/-11



1) y = 5x + 10

2)
$$P = -2t - 3$$

 $ROC = -2 = -\frac{2}{1} = \frac{2}{-1}$

3)
$$R = \frac{5}{5}g + 7$$
yint

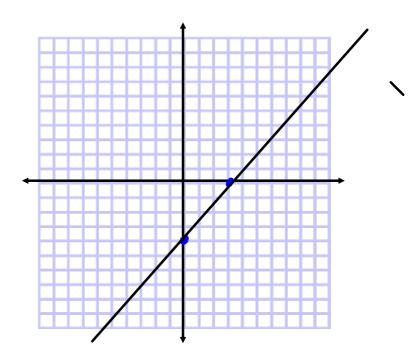
4)
$$y = 8 + 1 \times \frac{1}{2}$$

Graph the following:

y intercept = -4

x Intercept= 3

rate of Change=?



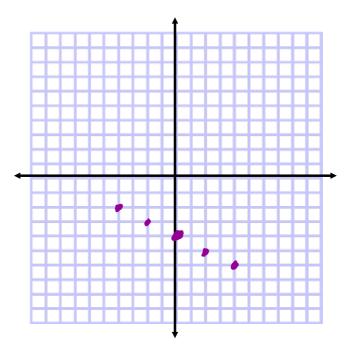
Graph the following:

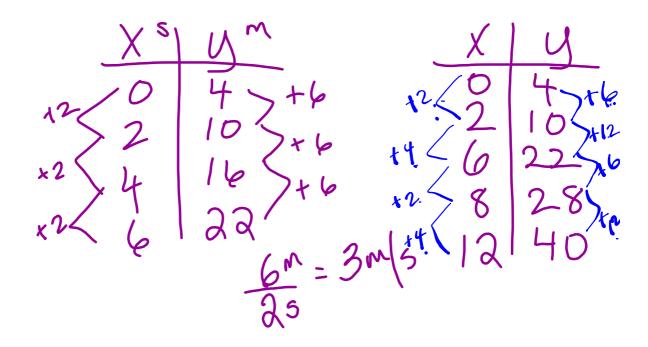
Intercept

Slope = -1/2

January

J





Rate of Change

Graph

rise

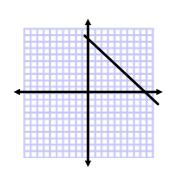


Table of Values

compare x

2 Points

 $\frac{\Delta y}{\Delta x} = \frac{y_2 - y_1}{\chi_2 - \chi_1}$ $\frac{x_1 y_1}{3,1} \Rightarrow \frac{x_2 y_2}{1,13}$

