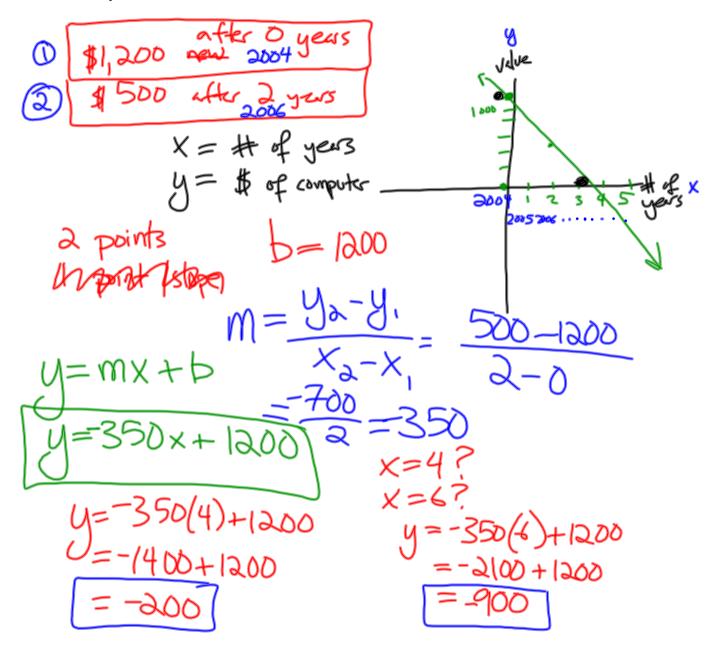


$$\begin{array}{lll}
(38) & (3,3) & (6,1) \\
M &= \frac{y_{3} - y_{1}}{x_{3} - x_{1}} &= \frac{1 - 3}{6 - 2} = \frac{-2}{4} = \frac{-1}{2} \\
y &= \frac{-1}{2}x + b & (0,0) \\
0 &= \frac{1}{2}(0) + b & y &= \frac{-1}{2}x \\
0 &= b
\end{array}$$



## VERIFICATION:

Stut with initial information
Substitute into any equations you've
found or modified
If two sides wen't equal, you messed up!

$$y=mx+b$$

$$y=350x+1200$$

$$y=350x+1200$$

$$y=350x+1200$$

$$y=350x+1200$$

$$y=350(5)+1200$$

$$y=350(5)+12$$

$$y = 350x + 1200$$

$$|200 = 350(8) + 1200$$

$$|200 = 1200$$

$$500 = 350(2) + 1200$$

$$500 = 700 + 1200$$

$$X 500 = 1900$$