

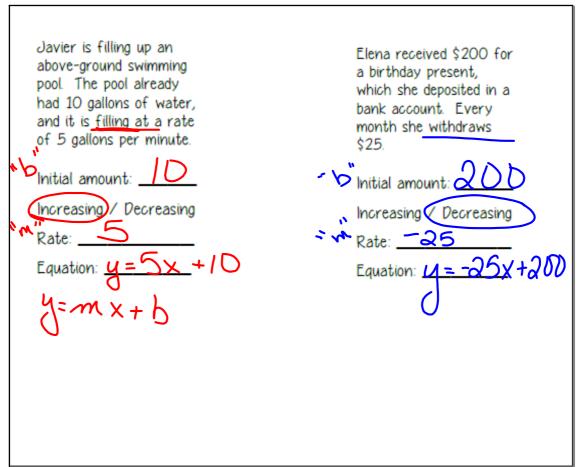
## Writing Equations for Real Life Situations

## Translating Information into an Equation

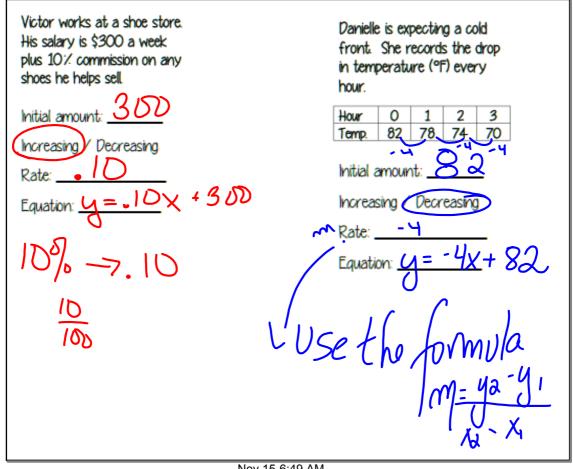
- Write a let statement for your variables (x and y)
- Identify the starting amount (b)
- Is it positive or negative??
- Identify the change (m)

  rate

   Is it positive or negative?? (in creasing)
- Write the equation!



Nov 15-6:46 AM



- 1) Mr. Ring had 95 updates on Facebook. Every day he gets 43 more.
- A) Initial Amount 95
- B (Increasing) Decreasing
- C) Rate 43
- D) Write a linear equation that represents the situation.

E)How many updates will Mr. Ring have after 23 days?

$$y = 43(23) + 95$$
 $y = 989 + 95$ 
 $y = 1084 \text{ updates}$ 

Nov 28-7:01 PM