Write this down!!

Slope is a <u>rate</u>.

We can identify it by words like: per

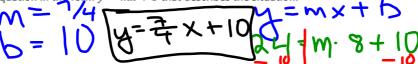
each

for

every

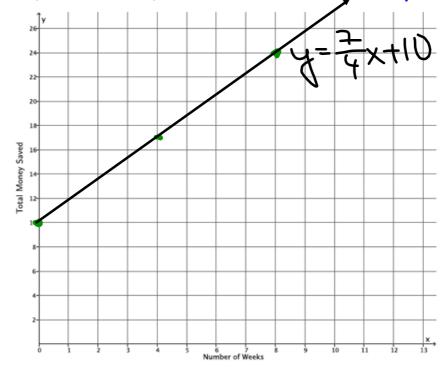


a. If y is the total amount of money in the savings account and x represents the number of weeks, write an equation in the form y = mx + b that describes the situation.



Identify the slope and the y-intercept point. What do these number sypresent





i. Could any other line represent this situation? For example, could a line through point (0,10) with slope $\frac{7}{5}$ represent the amount of money you save each week? Explain.

