

Lesson 5-9 → More on Linear Graphs and Tables

You open a bank account and save money at a regular pace.

dollars (y)	1500	1600	1700
weeks (x)	3	4	5

How much do you save every week

$$\frac{\text{change in } y}{\text{change in } x} = \frac{100}{1} = 100$$

Walk the slope back → You started with 1200 in your account!

$$y = 100x + 1200$$