

5-4

Lesson ~~5-4~~ → Equations from Tables
and Scenarios of
Linear Functions

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

Dollars (y)	700	800	900	1000
Weeks (x)	1	3	5	7

How much do you save every week

$$\frac{\text{change in } y}{\text{change in } x} = \frac{100}{2} = 50$$

Walk the slope back → you started
with 650 in your account!

$$y = 50x + 650$$