

LESSON 3-8 \rightarrow $y = mx + b$ from Tables
Including the Y-Intercept

$$y = mx + b$$

stays y \swarrow \searrow stays x \searrow
 $\frac{\text{Change in } y}{\text{Change in } x}$ y -value when x is zero

x	y
0	3
2	7

$$\frac{\text{change in } y}{\text{change in } x} = \frac{4}{2} = 2$$

$$y\text{-int} = 3$$

$$y = 2x + 3$$