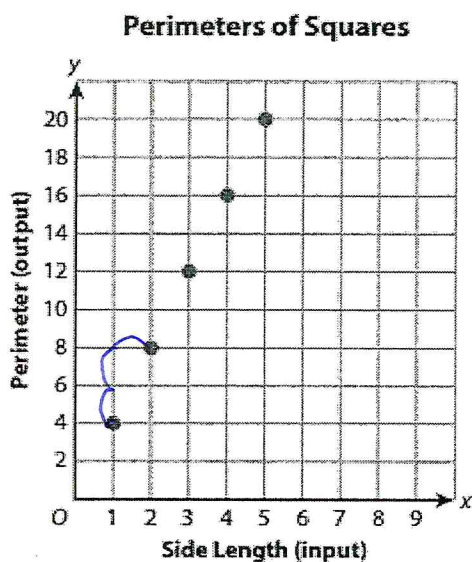


Finding slope and initial value:

6). Find the slope from the following graph:



$$\text{Slope} = \frac{\text{Rise}}{\text{Run}}$$

$$\frac{\text{rise}}{\text{run}} = \frac{4}{1} = 4$$

7). An amusement park charges \$8 for admission and \$2 for each ride.

Part A: Write the equation for this function

$$y = mx + b$$

$$y = 2x + 8 \text{ or } y = 8 + 2x$$

8). What are the slope and the y-intercept of the equation: $y = 0.5x + 3$?

$$m = 0.5$$

$$b = 3$$

9). Which equation describes the function shown in the table?

x	-2	-1	0	1	2
y	-1	2	5	8	11

$\uparrow$ $\uparrow$ $\uparrow$ $\uparrow$
 $+1$ $+1$ $+1$ $+1$
 $\downarrow$ $\downarrow$ $\downarrow$ $\downarrow$
 $+3$ $+3$ $+3$ $+3$

A $y = x + 5$

B $y = 3x + 5$

C $y = \frac{1}{3}x + 5$

D $y = 5x + 3$