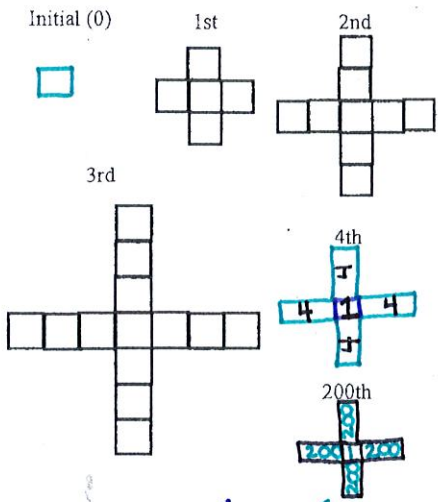


Patterns and Initial Value

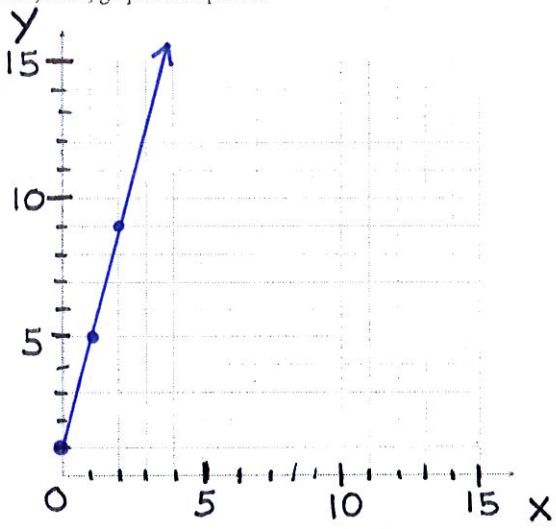
- Big Ideas:
- Patterns are predictable.
 - **Initial Value** is the value a pattern or situation started with at stage/time **zero (0)**.
 - Initial Value is the constant and can be determined from a pattern, table, graph and equation.



x	y
0	1
1	5
2	9
3	13
4	17

Total Amnt. Sq. $+4$

x = sequence number
y = total amount of squares



Equation: $y = 4x + 1$

What is the initial value? 1

Where do you see the initial value in the graph? Initial Value @ y-intercept

Equation? +1 @ the end of the equation

Table? When the x value is 0 the y value is 1