

## Level 2

- The generation of Koch snowflake now involves a square as the base figure.
- The iteration of the Koch snowflake continues as in Level 1. The no. inside denotes the iteration involved.

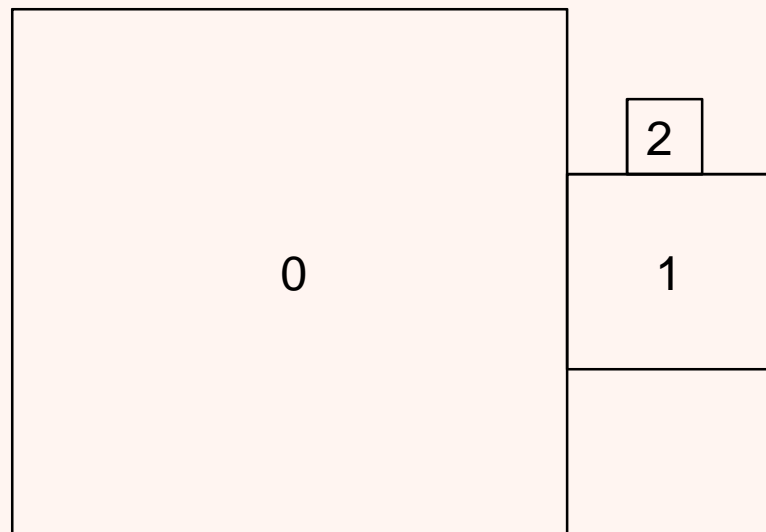


Fig: generation of koch snowflake with square as a base

# Description of Input and Output Catalysts

- The objective here is to calculate the perimeter of the resulting snowflake in each iteration for the given length of square.
- Input: {Type} "Length="{number} "Iterations="{number}  
Example: square Length=9 Iterations=1  
Here sq means square
- Output: {number}  
Example: 60