

Theoretical Guide

py.Sandu

Élvis Miranda, Leonardo Krauss & Rafael Alencar

- 1 C++
- 2 Number Theory
- 3 Constants
- 4 Math
- 5 Notes
- 6 Identities
- 7 Geometry
- 8 Bitwise
- 9 Counting Problems
- 10 Progressions

This text will appear **immediately** below the category title.

You can add images like *this*:



10.1 Geometric Progression

General Term: $a_1 \times q^{n-1}$

Sum: $\frac{a_1(q^n - 1)}{q - 1}$

Infinite Sum:

$$-1 < q < 1$$
$$\frac{a_1}{1 - q}$$