

Geometric Sequence

A sequence of numbers in which each term after the first term is obtained by multiplying the previous term by a constant ratio

Example: 4, 2, 1, 0.5, 0.25 ...

$$\underbrace{4 \times \frac{1}{2}}_2, \underbrace{2 \times \frac{1}{2}}_1, \underbrace{1 \times \frac{1}{2}}_{0.5}, \underbrace{0.5 \times \frac{1}{2}}_{0.25} \dots$$

Position x	Term y
1	4
2	2
3	1
4	0.5
5	0.25

common
ratio

