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Progresii geometrice

b_1 primul termen

$q \neq 1$ raţia

$$b_n = b_1 q^{n-1} \qquad \forall n \in N; n \geq 2$$

$$b_n^2 = b_{n-1} b_{n+1} \qquad \forall n \in N; n \geq 2$$

$$S_n = b_1 + b_2 + \ldots + b_n$$

$$S_n = b_1 \frac{q^n - 1}{q - 1}$$