

4.221

$$S_n = a_1 \frac{(k^n - 1)}{k - 1}$$

$$S_n (k - 1) = a_1 (k^n - 1)$$

$$\frac{S_n (k - 1)}{k^n - 1} = a_1$$

$$a_1 = \frac{10000 (1,2 - 1)}{1,2^{10} - 1}$$

$$= \frac{10000 \cdot 0,2}{1,2^{10} - 1}$$

$$\approx 385,25$$