

Algebra 2 - 12.3 Notes

$$a_n = a_1 r^{n-1}$$

One term of a geometric sequence is $a_4 = 12$. The common ratio is $r = 2$. Write a rule for the n th term.

$$a_4 = 12 \quad 12 = a_1 r^3$$

$$n = 4$$

$$r = 2$$