Algebra 1 7.7
Identify and generate geometric sequences
Relate geometric sequences to exponential functions
sequence
arithmetic sequence (3.5) +

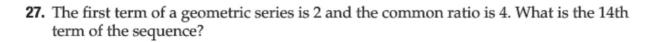
* geometric sequence

common ratio

whiteboards

GemA

3, 6, 12, 24, 48...
first term: 3
common ratio (r): $r = \lambda$ look for patterns $y = (3)(2)^{9}$ $= (3)(2)^{9}$



Write eq. 14th term?

GuidedPractice

3. Write an equation for the nth term of the geometric sequence 96, 48, 24, 12, Then find the tenth term of the sequence.

write eq

Write the equation for the geometric sequence:



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What is the 27th term?

3 6 12 24 48...