

Name : _____

Find the GP

L1S1

- 1) Find the geometric progression whose seventh term is -320 and eleventh term is -5120 .

- 2) The 6th term of the sequence is $2048\sqrt{7}$ and the 9th term is $131072\sqrt{7}$. Find the geometric progression.

- 3) If the eighth term of the sequence is 4687.5 , find the geometric progression.

- 4) The 10th and 5th terms of the sequence are 1024 and 256 respectively, find the geometric progression.

- 5) Determine the geometric sequence whose fourth term is $\frac{1}{16}$ and thirteenth term is $\frac{1}{8192}$.

PREVIEW

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Find the GP

- 1) Find the geometric progression whose seventh term is -320 and eleventh term is -5120 .

$-5, -10, -20, -40, -80, \dots$

- 2) The 6th term of the sequence is $2048\sqrt{7}$ and the 9th term is $131072\sqrt{7}$. Find the geometric progression.

$2\sqrt{7}$

- 3) If the eighth term is 4687.5 , find the geometric sequence.

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- 4) The 10th and 5th terms are 1024 and 256 respectively, find the geometric sequence.

1.

$1, -4, 16, -64, 256, \dots$

- 5) Determine the geometric sequence whose fourth term is $\frac{1}{16}$ and thirteenth term is $\frac{1}{8192}$.

$\frac{1}{2}, \frac{1}{4}, \frac{1}{8}, \frac{1}{16}, \frac{1}{32}, \dots$