

Name : _____

Find the GP

L1S3

- 1) Determine the geometric sequence whose eighth term is 839808 and second term is 18.

- 2) The 7th term of a geometric progression is 250. Find the

- 3) Find the geometric progression whose first term is $\frac{1}{48}$ and tenth term is $\frac{1}{1536}$.

- 4) If the twelfth term of a geometric progression is 7873.2, find the geometric progression.

- 5) The 5th and 10th terms of a geometric sequence are -160 and 163840 respectively, find the geometric progression.

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Find the GP

- 1) Determine the geometric sequence whose eighth term is 839808 and second term is 18.

3, 18, 108, 648, 3888, ...

- 2) The 7th term of a geometric progression is 250. Find the common ratio.

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- 3) Find the geometric progression whose first term is $\frac{1}{48}$ and common ratio is $\frac{1}{1536}$. Find the tenth term.

- 4) If the twelfth term of a geometric progression is 7873.2, find the common ratio.

1.2, -3.6, 10.8, -32.4, 97.2, ...

- 5) The 5th and 10th terms of a geometric sequence are $-\frac{5}{8}$ and $\frac{5}{2}$ respectively, find the geometric progression.

$-\frac{5}{8}, \frac{5}{2}, -10, 40, -160, ...$