

Name : _____

L2S4

Find the GP

- 1) Find the 8th term of the geometric progression whose eighteenth term is $\frac{1}{98304}$ and the twelfth term is $\frac{1}{1536}$.

- 2) The 14th and 10th terms of a geometric progression are 61.5 and -9841.5 respectively, find the first term and the common ratio.

- 3) Determine the 11th term of a geometric progression whose first term is $\frac{1}{2097152}$ and whose common ratio is 2.

- 4) If the eighth term of a geometric progression is 4802 and the second term is 4802, find the first term and the common ratio.

- 5) The ninth term of the sequence is 2500 and the second term is $4\sqrt{5}$. Find the 6th term.

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