

1) Find the first term of a geometric series, if the sum of the first seven terms of the series is $8(400 - 57\sqrt{7})$ and the common ratio of the series is $-\sqrt{7}$.

2) The sum of the first five terms of a geometric progression is $\frac{451}{125}$ and the common ratio is $\frac{1}{2}$. Find the first term.

3) The sum of the first three terms of a geometric progression is 12 and the sum of the first six terms is 39364. Find the first term and the common ratio.

4) The sum of the first three terms of a geometric progression is 12 and the sum of the first six terms is 39364. Find the first term and the common ratio.

5) The sum of the first 6 terms of a geometric progression is 83979. The common ratio of the series is 6. Find the first term.

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