

Name : _____

Infinite Geometric Series

Sheet 4

- 1) The sum of an infinite geometric series is $\frac{45}{8}$ and the common ratio is $\frac{1}{5}$. Find the first term.
- 2) Find the first term of an infinite geometric series, if the sum and common ratio of the series are 14 and 0.4 respectively.

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- 3) What is the common ratio and the first term if the sum of the series is 14 and the common ratio is 0.4?
- 4) Determine the common ratio and the first term if the sum of the series is 14 and the common ratio is 0.4.
- 5) The common ratio of an infinite geometric series is 0.9 and the sum is 65. Determine the first term.