

Name : _____

Finding n^{th} Term

Sheet 1

- 1) Find the 11th term of the sequence 0.2, 0.6, 1.8, ...

- 2) Given the geometric progression 1, 2, 4, ... find the 16th term.

- 3) Determine the 7th term in the geometric sequence -3, 24, -192, ...

- 4) Given the geometric sequence $-\frac{5}{6}, -\frac{5}{9}, -\frac{10}{27}, \dots$ find the 6th term.

- 5) Calculate the 12th term in the geometric progression 23, -69, 207, ...

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Answer key

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11809.8

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32768

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-786432

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$-\frac{80}{729}$

- 5) Calculate the 12th term in the geometric progression 23, -69, 207, ...

-4074381