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| Course: | Pre-Calculus, Honors – Chapter 12: Arithmetic Sequences and Series |
| Score 4 | In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. |
| Score 3 | The student will: Find the arithmetic means of arithmetic sequencesFind the sum of *n* terms of an arithmetic seriesFind geometric means of geometric sequencesFind the sum of *n* terms of a geometric seriesFind the sum of an infinite geometric seriesDetermine whether a series is convergent or divergentUse sigma notation |
| Score 2 | The student will recognize or recall specific vocabulary, such as:Arithmetic mean, arithmetic sequence, arithmetic series, Binomial Theorem, common difference, common ratio, convergent series, divergent series, geometric mean, geometric sequence, geometric series, index od summation, infinite series, recursive formula, sequence, sigma notation, termThe student will perform basic processes, such as:Find the *n*th term of arithmetic sequencesFind the *n*th term of geometric sequences |
| Score 1 | With help, partial success at score 2.0 content and score 3.0 content |
| Score 0 | Even with help, no success |