

Name _____ Date _____
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Math 11 Trimester 3 Quiz 5 (20 Points)
Progressions

Questions on both sides.

■ Answer the following, 10 points each.

[1] Find the sum of the first n terms of $-1, \frac{1}{3}, -\frac{1}{9}, \frac{1}{27}, -\frac{1}{81}, \frac{1}{243}, \dots$

[2] Find the n^{th} term of $-1, 3, -1, 7, -9, 23, \dots$.