

Name : _____

Evaluate: Geometric Series

Mixed: S3

Evaluate each geometric series.

1) $\sum_{b=1}^{11} (15 \cdot (-3)^b)$

2) $20 + 80 + 320 + \dots + 327680$

3) $a_1 = 4.2, r =$

5) $3 - 21 + 147$

7) $\sum_{x=1}^{10} (-2.7 \cdot (-4)^{x-1})$

8) $2 + 10 + 50 + \dots + 6250$

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