

**Evaluate: Geometric Series**

Evaluate each geometric series.

1)  $\sum_{s=1}^9 (-2 \cdot 5^s)$

2)  $\sum_{b=1}^6 7^b$

3)  $\sum_{z=1}^{12} (11 \cdot 3^z)$

**PREVIEW**

$\cdot 5^{h+1}$

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5)  $\sum_{t=1}^6 \left(\frac{7}{2}\right)^{t+1}$

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$\cdot 2 \cdot 4^9$

7)  $\sum_{k=1}^{15} 2^{k-1}$

8)  $\sum_{d=1}^{13} \left(\frac{1}{4} \cdot 3^{d-1}\right)$

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