

Name : _____

Evaluate: Geometric Series

T3S2

Evaluate each geometric series.

1) $\sum_{c=1}^{11} 4^{c-1}$

2) $\sum_{d=1}^8 (6 \cdot 5^d)$

3) $\sum_{f=1}^7 \left(\frac{5}{2}\right)^f$

5) $\sum_{h=1}^{10} (0.7)^h$

7) $\sum_{t=1}^6 (-8 \cdot 12^{t-1})$

8) $\sum_{s=1}^{17} (10 \cdot 2^{s+1})$

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