Name : _____

Partial Sum of the Series

Find the indicated partial sum of each series.

1) $\sum_{n=1}^{\infty} 3^{n-4}$; S_{11}

2) $\sum_{n=1}^{\infty} \left(\frac{16}{3} + n \right)$; S_{21}

3) $\sum_{n=1}^{\infty} (3^{n+2} \cdot 4)$; S_{42}

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5) $\sum_{n=1}^{\infty} 0.9(n+1)$; S_{17}

7) $\sum_{n=1}^{\infty} (2n-1)^3$; S_{12}

8) $\sum_{n=1}^{\infty} (11n-6)$; S_{33}