

Name : _____

Partial Sum of the Series

L2T2S5

Find the indicated partial sum of each series.

1) $\sum_{n=1}^{\infty} (8 \cdot 3^{n-1}) ; S_{13}$

2) $\sum_{n=1}^{\infty} 39.2n ; S_{25}$

3) $\sum_{n=1}^{\infty} 4^{n-2} ; S_{12}$

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5) $\sum_{n=1}^{\infty} (-8n + 7)$

7) $\sum_{n=1}^{\infty} -n ; S_{14}$

8) $\sum_{n=1}^{\infty} -4(-3 + 4n) ; S_{23}$