

Name : \_\_\_\_\_

## Partial Sum of the Series

L2T2S2

Find the indicated partial sum of each series.

1)  $\sum_{n=1}^{\infty} (14n - 3) ; S_{39}$

2)  $\sum_{n=1}^{\infty} 7^{n+2} ; S_6$

3)  $\sum_{n=1}^{\infty} -n^2 ; S_{45}$

5)  $\sum_{n=1}^{\infty} (3 \cdot 2^{n+3})$

7)  $\sum_{n=1}^{\infty} 35n ; S_{41}$

8)  $\sum_{n=1}^{\infty} (3 + 2.2n) ; S_{31}$

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