

Name : _____

Partial Sum of the Series

L2T2S4

Find the indicated partial sum of each series.

1) $\sum_{n=1}^{\infty} \frac{4n}{3} ; S_{35}$

2) $\sum_{n=1}^{\infty} (2.25 - n) ; S_{31}$

3) $\sum_{n=1}^{\infty} (23 + 9n)$

5) $\sum_{n=1}^{\infty} 5^{n-1} ; S_{10}$

7) $\sum_{n=1}^{\infty} \left(\frac{n-4}{6}\right) ; S_{46}$

8) $\sum_{n=1}^{\infty} (3^{n-3} \cdot 4) ; S_{13}$

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