

## Partial Sum of the Series

Find the indicated partial sum of each series.

1)  $\sum_{n=1}^{\infty} (8 + 3n^3) ; S_7$

2)  $\sum_{n=1}^{\infty} (3n^2 - 2) ; S_8$

3)  $\sum_{n=1}^{\infty} 3n^4 ; S_4$

$n^4) ; S_4$

5)  $\sum_{n=1}^{\infty} (2n - 9) ; S_6$

$; S_6$

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7)  $\sum_{n=1}^{\infty} (70 - n^2) ; S_{10}$

8)  $\sum_{n=1}^{\infty} (9n^3 - 4n) ; S_5$