

## Indicated Partial Sum

The  $n^{\text{th}}$  partial sum of the series is given. Find the indicated partial sum.

1)  $S_n = 6 + \frac{7}{n^2} ; S_9$

2)  $S_n = (n + 3)(1 - 22n) ; S_{18}$

3)  $S_n = 5n^2 - r$

$t ; S_{30}$

5)  $S_n = n^3 - 9r$

$- 37 ; S_{46}$

7)  $S_n = 20n^4 ; S_{10}$

8)  $S_n = 8.4n^2 - 3.2n - 4 ; S_{24}$

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