

Indicated Partial Sum

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

1) $S_n = n(n^2 + n + 9) ; S_{13}$

2) $S_n = \frac{1 - n^2}{n + 5n^2} ; S_{14}$

3) $S_n = 2n(n +$

PREVIEW

$); S_6$

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5) $S_n = \frac{n + 14}{4n}$

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$3n^2 - 25 ; S_{30}$

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7) $S_n = 10 - 8n^2 ; S_{35}$

8) $S_n = 2 + n^2 ; S_{49}$