$\qquad$

## General Term

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

1) $S_{n}=(n+3)(n-6)$
2) $S_{n}=9 n^{3}$
3) $\mathrm{S}_{\mathrm{n}}=\frac{4 \mathrm{n}+5}{2 \mathrm{n}}$

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5) $\quad S_{n}=n\left(n^{2}-\right.$

The $n^{\text {th }}$ partial $s$ terms.
i) $a_{n}$
ii) $a_{6}$
iii) $a_{2}$

