

General Term

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

1) $S_n = \frac{3}{n} + 4n$

2) $S_n = (n + 13)n$

3) $S_n = \frac{n^2 - 1}{2n + 2}$

5) $S_n = \frac{6n^2 + 1}{n - 1}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

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

Find the following terms.

i) a_n

ii) a_{19}

iii) a_{10}

General Term

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

1) $S_n = \frac{3}{n} + 4n$

2) $S_n = (n + 13)n$

$$a_n = \frac{4n^2 - 4n - 3}{n(n-1)}$$

$$a_n = 2(n + 6)$$

3) $S_n = \frac{n^2 - 1}{2n + 2}$

$$a_n = \frac{1}{2}$$

5) $S_n = \frac{6n^2 + 1}{n - 1}$

$$a_n = \frac{6n^2 - 1}{(n-1)}$$

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

i) a_n

ii) a_{19}

iii) a_{10}

$$a_n = \frac{-8}{(n-3)(n-4)}$$

$$a_{19} = -\frac{1}{30}$$

$$a_{10} = -\frac{4}{21}$$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com