

Name : _____

Evaluate: Geometric Series

T2S1

Evaluate each geometric series.

1) $-2 - 2\sqrt{2} - 4 - \dots - 64$

2) $-4 + 28 - 196 + \dots - 470596$

3) $6 + 48 + 384 +$

$38 - \dots - 2239488$

5) $2 - 10 + 50 - \dots$

$\dots + \frac{1}{78732}$

7) $-7 - 21 - 63 - \dots - 1240029$

8) $\frac{3}{5} - \frac{2}{15} + \frac{4}{135} - \dots + \frac{16}{10935}$

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

Evaluate: Geometric Series

Evaluate each geometric series.

1) $-2 - 2\sqrt{2} - 4 - \dots - 64$

2) $-4 + 28 - 196 + \dots - 470596$

$-2(31\sqrt{2} + 63)$

-411772

3) $6 + 48 + 384 +$

$38 - \dots - 2239488$

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

1797558

587384

5) $2 - 10 + 50 - \dots$

$\dots + \frac{1}{78732}$

Members, please
log in to
download this
worksheet.Not a member?
Please sign up to
gain complete
access.

651042

or $3 \frac{7381}{19683}$

www.mathworksheets4kids.com

7) $-7 - 21 - 63 - \dots - 1240029$

8) $\frac{3}{5} - \frac{2}{15} + \frac{4}{135} - \dots + \frac{16}{10935}$

-1860040

$\frac{5371}{10935}$