

Geometric Series

Determine the number of terms(n) in each geometric series.

1) $\sum_{g=1}^n (-3.5 \cdot 4^{g-1}) = -76457.5$

2) $\sum_{v=1}^n (-12)^{v-1} = -229691$

3) $\sum_{f=1}^n (-13)^f =$

$-6)^{s-1}) = 39991\sqrt{6}$

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

5) $\sum_{u=1}^n (0.6 \cdot (-5$

$+1) = 2125728$

7) $\sum_{y=1}^n 7^{y+1} = 137249$

8) $\sum_{x=1}^n \left(\frac{6}{5} \cdot 10^x\right) = 13332$