Name : _____

Evaluate the Arithmetic Series

Evaluate each arithmetic series.

1) $a_1 = 1.5$, $a_n = 206.7$, $n = 28$

2) $\displaystyle\sum_{k=1}^{6} (-3.5k - 7.5)$

3) $5 + 7 + 9 + \dots$ upt ... 202, $n = 32$

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) $a_1 = -4\sqrt{6}$, $a_n = 1$ ... $+ \dfrac{3}{2}\Big)$

7) $\displaystyle\sum_{p=1}^{5} \left(-2 + \dfrac{p}{2}\right)$

8) $\dfrac{5}{3} + \dfrac{2}{3} - \dfrac{1}{3} - \dots$ upto 8 terms