

Name : _____

Evaluate the Arithmetic Series

Mixed: S3

Evaluate each arithmetic series.

1) $a_1 = 7\sqrt{5}$, $a_n = -117\sqrt{5}$, $n = 9$

2) $19 + 18 + 17 + \dots$ upto 22 terms

3) $-9.2 - 18 - 26.8 - \dots$

PREVIEW

$\frac{19}{8}$, $n = 7$

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5) $-8 - 14 - 20 - \dots$

7) $\sum_{v=1}^{31} (10.1 (7.9 + v) - 1.4)$

8) $a_1 = -3.9$, $a_n = 15.7$, $n = 29$