Name : _____

Evaluate the Arithmetic Series

Evaluate each arithmetic series based on the first term(a_1), the last term(a_n) and the number of terms(n) given.

1) $a_1 = \sqrt{7}$, $a_n = -35\sqrt{7}$, $n = 7$

2) $a_1 = 11.2$, $a_n = 10.3$, $n = 10$

3) $a_1 = -19$, $a_n =$

PREVIEW

9, $n = 41$

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5) $a_1 = -15.6$, a_n

= 576, $n = 5$

7) $a_1 = 121$, $a_n = 1001$, $n = 17$

8) $a_1 = -34$, $a_n = 974$, $n = 13$