

Sum of a Finite 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) $a_1 = 12.6, a_n = 113.4, n = 19$

2) $a_1 = -7.9, a_n = 132.9, n = 45$

3) $a_1 = 55, a_n = 174, n = 8$

4) $a_1 = -4, a_n = -180, n = 23$

5) $a_1 = \sqrt{6}, a_n = -221\sqrt{6}, n = 13$

6) $a_1 = 198, a_n = 792, n = 4$

7) $a_1 = 74, a_n = 518, n = 31$

8) $a_1 = \frac{3}{2}, a_n = 15, n = 18$
