

Sum of a Finite Arithmetic Series

Evaluate each arithmetic series up to the specified term.

1) $\frac{1}{8} + \frac{1}{3} + \frac{13}{24} + \dots$ up to 35 terms

2) $31 + 41 + 51 + \dots$ up to 24 terms

3) $10.3 + 15.5 + 20.7 + \dots$ up to 20 terms

4) $-\frac{4}{19} - \frac{31}{57} - \frac{50}{57} - \dots$ up to 8 terms

5) $27 + 23 + 19 + \dots$ up to 40 terms

6) $-1.3 - 3.8 - 6.3 - \dots$ up to 18 terms

7) $-46 - 57 - 68 - \dots$ up to 22 terms

8) $8\sqrt{6} + 6\sqrt{6} + 4\sqrt{6} + \dots$ up to 19 terms
