

21 $T = (a_1 + a_2) + (a_2 + a_3) + (a_3 + a_4) + \dots + (a_{n-2} + a_{n-1}) + (a_{n-1} + a_n)$
 (296) $T = 2S - a_1 - a_n$ n^3

$$\frac{2S}{2S - T} = \frac{2S}{2S - 2S + a_1 + a_n} = \frac{2S}{a_1 + a_n} = \frac{\cancel{2} \cdot \frac{n}{2} (a_1 + a_n)}{a_1 + a_n} = n$$