

CALCULUS
Summation
OLD2

0070-1. Compute $\Delta(4n^3 - 2n^2 + 6n + 1)$.

OLD2

0070-2. What is the degree, in n , of

OLD2

$$\Delta(n^{125} + 36n^{70} + 15n^8 - 4n - 3)?$$

0070-3. Find an expression a_n of n

OLD2

$$\text{s.t. } \Delta a_n = -n^3 - 6n^2 - 7n + 7.$$

0070-4. What is the degree, in n , of

OLD2

a polynomial expression b_n of n

$$\text{s.t. } \Delta b_n = n^{77} - 22n^{35} + 8n^6 + 4n^3 - 5n?$$