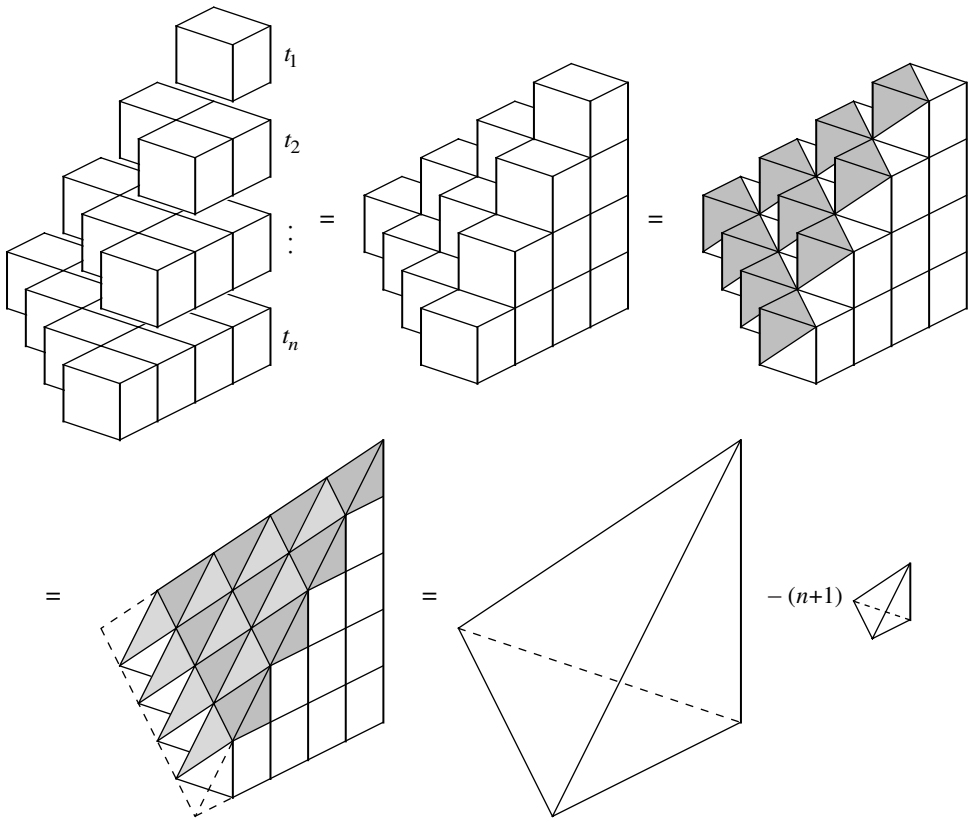


6. A. de Polignac, Six propositions arithmologiques déduites du crible d'Eratosthene, *Nouv. Ann. Math.* **8** (1849), 423–429.  
 7. A. Schinzel, Reducibility of polynomials and covering systems of congruences, *Acta Arith.* **13** (1967), 91–101.

## Proof Without Words: Sums of Triangular Numbers

$$t_n = 1 + 2 + \dots + n \Rightarrow t_1 + t_2 + \dots + t_n = \frac{n(n+1)(n+2)}{6}$$



$$t_1 + t_2 + \dots + t_n = \frac{1}{6}(n+1)^3 - (n+1) \cdot \frac{1}{6} = \frac{n(n+1)(n+2)}{6}$$

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