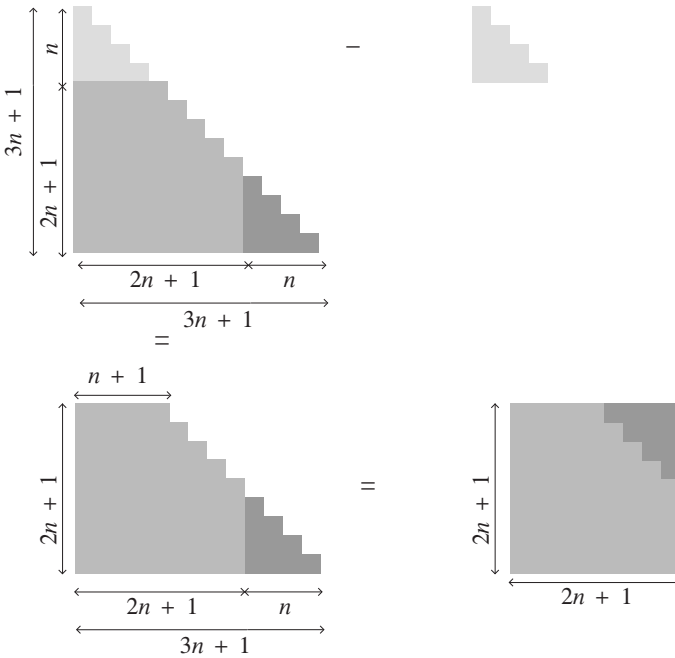


**108.26 PWW: A property of triangular numbers**

$$T_n = \frac{n(n + 1)}{2} \Rightarrow T_{3n+1} - T_n = (2n + 1)^2$$



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**108.27 More on the Euler limit for e**

The well-known *Euler limit* is defined as  $\lim_{n \rightarrow \infty} \left(\frac{n+1}{n}\right)^n = e = 2.71828\dots$  (see for example [1]). Recently, in [2], appeared the following generalisation of the Euler limit.

