



Scuolasulweb.it

La tua scuola digitale

$$2 + 4 + 6 + \dots + 2n = n(n + 1)$$

$$1) \quad n = 1 \quad \begin{array}{l} 2(1) = 1(1+1) \\ 2 = 2 \end{array} \quad \checkmark$$

$$2) \quad 2 + 4 + 6 + \dots + 2n = \underline{n(n+1)}$$

$$n(n+1) + 2(n+1) = n^2 + n + 2n + 2 = \underline{n^2 + 3n + 2}$$

$$3) \quad (n+1)(n+1+1) = (n+1)(n+2) = n^2 + n + 2n + 2 = \underline{n^2 + 3n + 2}$$