

$$a) \quad x_1 + x_2 + x_3 + \dots + x_n = \sum_{i=1}^n x_i$$

$$b) \quad x_1^2 + x_2^2 + x_3^2 + \dots + x_{n-1}^2 + x_n^2 = \sum_{i=1}^n x_i^2$$

$$c) \quad (x_1 + x_2 + \dots + x_{n-1} + x_n)^2 = \left( \sum_{i=1}^n x_i \right)^2$$

$$d) \quad \sum_{i=1}^n x_i^2 - \left( \sum_{i=1}^n x_i \right)^2$$

↑  
Somme des carrés

↑  
Carré de la somme