

## Beispiele für Summen

$$\sum_{k=10}^{20} (k-2)^2 = 1969$$

$$\sum_{k=5}^{100} (k-50) = 240$$

$$\left( \sum_{k=5}^{100} k \right) - 50 = 4990$$

$$\sum_{k=5}^{12} (2^{k-3} + 2k - 2) = 1140$$

$$\sum_{k=10}^{20} ((k+1)^2 - 3k + 7) = 2508$$

$$\sum_{k=5}^n (3k + 2n + 3) = \frac{7}{2}n^2 - \frac{7}{2}n - 42$$