

# Summation

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## Exercises Summation

1. (FGV-SP) O valor da expressão  $\sum_{k=1}^{100} (2k + 5)$  é:

2.  $\sum_{m=1}^5 (4m^2 + 4)$

3.  $\sum_{m=1}^6 (50 - m)$

4.  $\sum_{k=0}^4 (2k)$

5.  $\sum_{k=0}^3 (k^3)$

6.  $\sum_{k=1}^5 (k^2)$

7.  $\sum_{k=0}^n (2^{k+1} x^k)$

8.  $\sum_{i=2}^n (2i - 1)$

9.  $\sum_{k=3}^7 \left(\frac{k+1}{k}\right)$