

Summation notation refresher: $\sum_{i=2}^5 ix^i$ represents this sum:

$$\sum_{i=2}^5 ix^i = 2x^2 + 3x^3 + 4x^4 + 5x^5$$

It is read “the sum of ix^i from i is 2 to i is 5.”

- Evaluate the following sum:

$$\sum_{i=0}^3 2^i$$

- Rewrite in summation notation:

$$f(x_1)\Delta x + f(x_2)\Delta x + \cdots + f(x_n)\Delta x$$