

KNOW YOUR EXPRESSIONS

Riemann Sum

Definite Integral

Average Value

Part 1 of the Fundamental Theorem of Calculus

Part 2 of the Fundamental Theorem of Calculus

Match each label in the box above to the corresponding expression below.



$$\int_a^b f(x) dx = F(b) - F(a)$$

$$\lim_{n \rightarrow \infty} \sum_{k=1}^n f(c_k) \cdot \Delta x$$

$$\frac{1}{b-a} \int_a^b f(x) dx$$

$$\sum_{k=1}^n f(c_k) \cdot \Delta x$$

$$\frac{d}{dx} \int_a^x f(t) dt = f(x)$$
