

# CAŁKI FUNKCJI ELEMENTARNYCH - WZORY

$$\int dx = x + C$$

$$\int x^n dx = \frac{1}{n+1} x^{n+1} + C \text{ dla } n \neq -1$$

$$\int a dx = ax + C$$

$$\int \frac{dx}{ax+b} = \frac{1}{a} \ln|ax+b| + C \text{ dla } a \neq 0$$

$$\int \frac{dx}{x} = \ln|x| + C$$

$$\int \frac{1}{\sqrt{x^2-a^2}} dx = \ln|x + \sqrt{x^2-a^2}| + C$$

$$\int a^x dx = \frac{1}{\ln a} a^x + C$$

$$\int \sqrt{x} dx = \frac{2}{3} \sqrt{x^3} + C$$

$$\int e^x dx = e^x + C$$

$$\int \frac{1}{\sqrt{x}} dx = 2\sqrt{x} + C$$

