Antidifferentiation

$3 \cdot 4 = 12.000$

$\frac{12}{4} = 3.000$

$\sqrt{16} = 4.000$

$4^2 = 16.000$

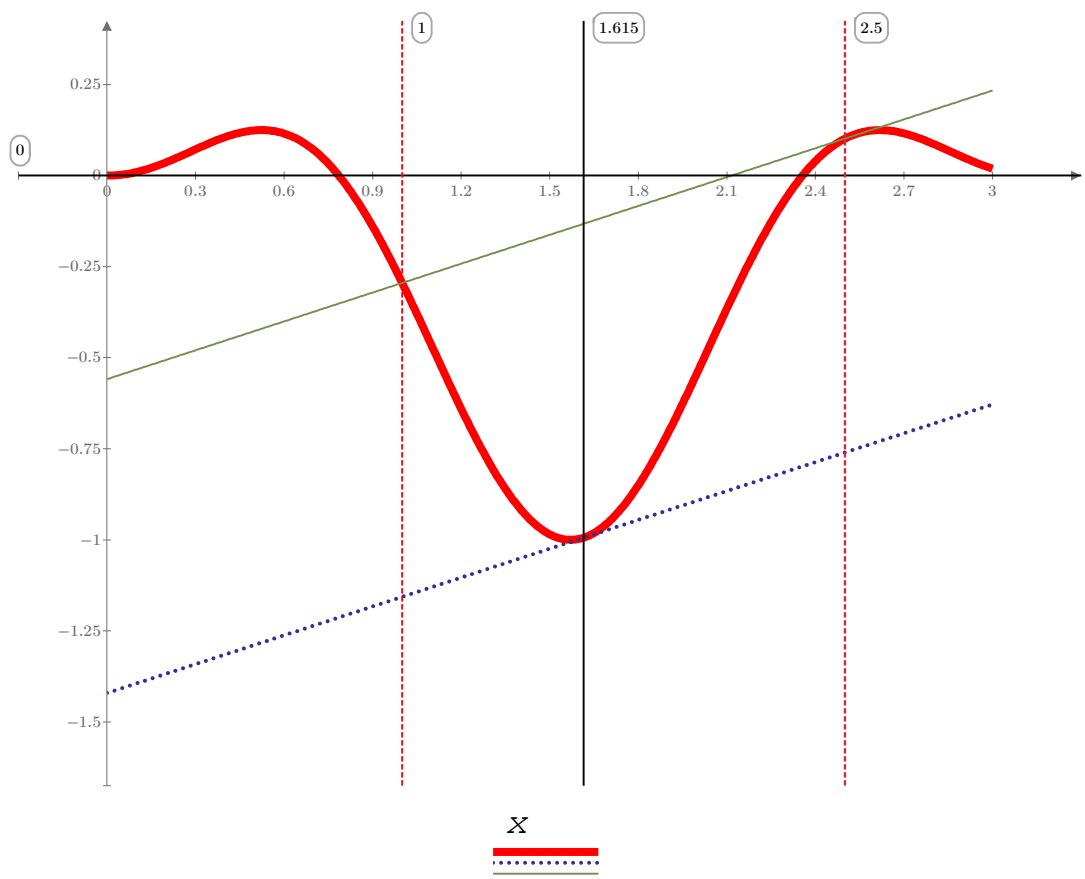
$\exp(10) = 2.203 \cdot 10^4$

$\ln\left(2.203 \cdot 10^4\right) = 10.000$

$F1'(x) = F2'(x)$

$f(x) = F1(x) - F2(x)$

$f(b) - f(a) = f'(c) \cdot (b - a)$



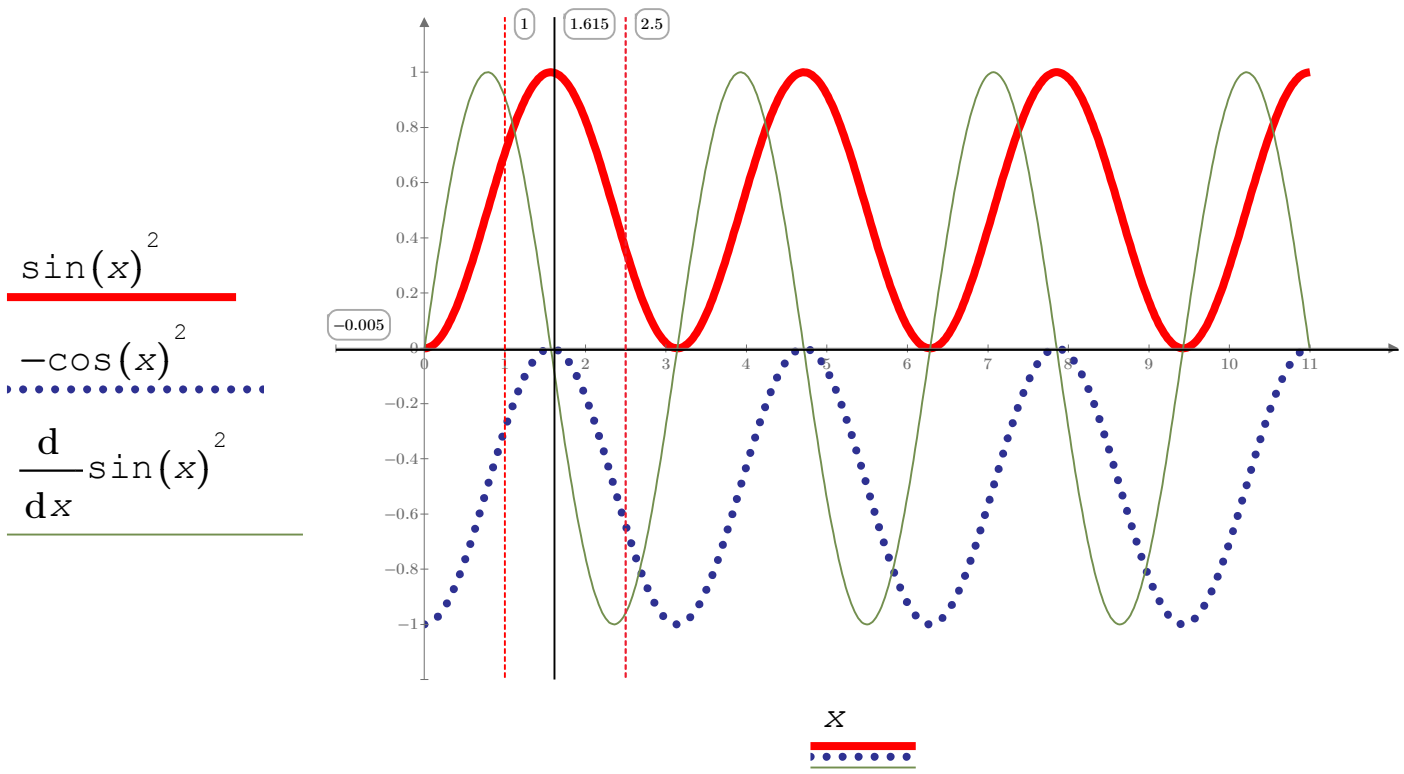
$f(x)$

$A \cdot x + B$

$f(a) + K \cdot (x - a)$

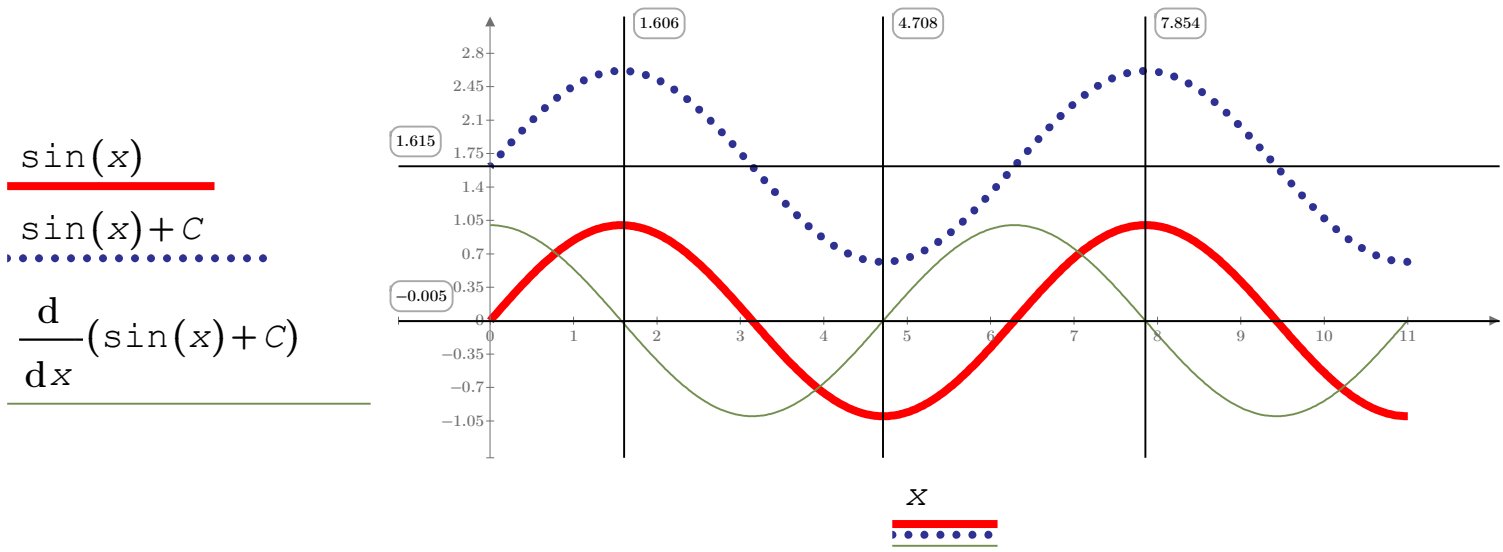
$$\frac{d}{dx}\sin(x)^2 \rightarrow 2\cdot\cos(x)\cdot\sin(x)$$

$$\frac{d}{dx}-\cos(x)^2 \rightarrow 2\cdot\cos(x)\cdot\sin(x)$$



$$\frac{d}{dx}\sin(x) \rightarrow \cos(x)$$

$$\int \cos(x)\,dx \rightarrow \sin(x) + C$$



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