

## \* Trig Integrals:

$$\bullet \int \sin x \, dx = -\cos x + C \quad (2)$$

$$\bullet \int \cos x \, dx = \sin x + C \quad (1)$$

$$\bullet \int \sec^2 x \, dx = \tan x + C$$

$$\bullet \int \csc x \cot x \, dx = -\csc x + C$$

$$\bullet \int \sec x \tan x \, dx = \sec x + C$$

$$\bullet \int \csc^2 x \, dx = -\cot x + C$$

Others:

$$\int \tan x \, dx = -\ln |\cos x| + C$$

$$\int \sec x \, dx = \ln |\sec x + \tan x| + C$$

$$\int \cot x \, dx = \ln |\sin x| + C$$

$$\int \csc x \, dx = -\ln |\csc x + \cot x| + C$$