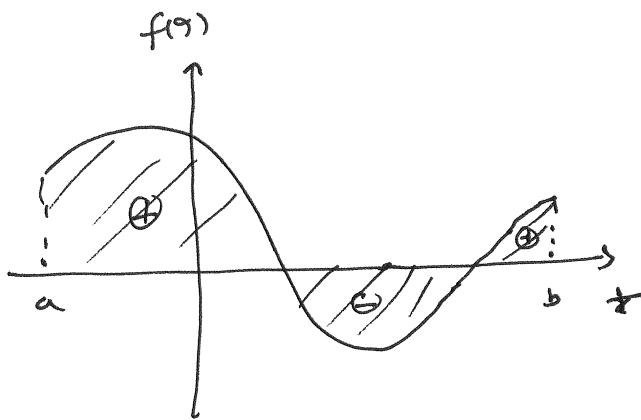


## Integrals definidos:



$$\frac{dF}{dx} = f(x)$$

$$\Rightarrow \int f(x) dx = F(x) + C$$

↓

integral

indefinido

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

↑

integral  
definido

= área (com sinal) Total  
do gráfico de  $f(x)$   
entre  $a$  e  $b$