



2



F

F



y



F ~~████~~

██ -██

██

██

██

██

██ ███

██ ███

██

██

██ .██

██

██

██

██

██

d

██

F ~~████~~

• $\frac{1}{x} = x^{-1}$ $\frac{d}{dx} x^{-1} = -x^{-2} = -\frac{1}{x^2}$

• $\frac{d}{dx} \ln|x| = \frac{1}{x}$

$\frac{d}{dx} \ln|ax+b| = \frac{1}{ax+b} \cdot a = \frac{a}{ax+b}$

F

$\frac{d}{dx} \ln|x| = \frac{1}{x}$