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F ~~XXXX~~

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

• $\frac{d}{dx} \ln|x| = \frac{1}{x}$

F

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