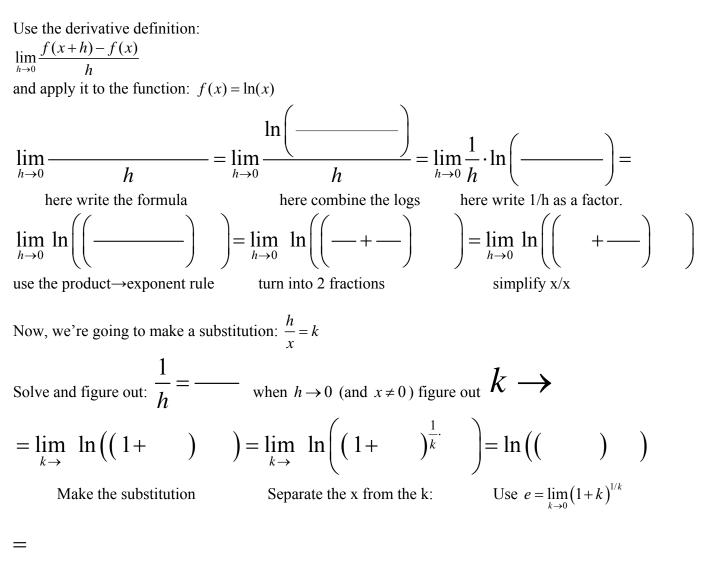
Derivative of the natural logarithm:



Simplify So the derivative of the natural logarithm is:

$$\frac{d}{dx}\ln x = \qquad \qquad \text{Which means} \qquad \int \qquad dx = \ln x + C$$