

$$f^{-1}(x) = \frac{1}{2} \ln 5 - \frac{1}{2} \ln x$$

$$f(x) = \ln(3x - 1)$$

$f(x) = \ln x$	$f^{-1}(x) = \frac{1}{2} e^x$	$f(x) = \ln(2x)$	$f^{-1}(x) = \frac{1}{2} \ln\left(\frac{x}{4}\right)$	$f(x) = 4e^{2x}$	$f^{-1}(x) = \frac{1}{3}(e^x + 1)$
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$$f^{-1}(x) = e^x$$

$$f(x) = \ln x^3$$

$f^{-1}(x) = \sqrt[3]{e^x}$	$f(x) = 3e^x$	$f^{-1}(x) = \ln\left(\frac{x}{3}\right)$	$f(x) = 3 + \ln x$	$f^{-1}(x) = e^{x-3}$	$f(x) = \ln(x+2)$
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$$f^{-1}(x) = e^x - 2$$

$$y = 3e^{2x}$$

$$f(x) = \ln(5x - 2)$$

$$f^{-1}(x) = -\frac{1}{2} \ln x$$

$$f(x) = e^{-2x}$$

$$f^{-1}(x) = e^{x-4}$$

$$f(x) = 4 + \ln x$$

$$f^{-1}(x) = \frac{1}{2} \ln\left(\frac{x}{3}\right)$$

$$f^{-1}(x) = \frac{e^x + 2}{5}$$

$$f(x) = 2e^{-x}$$

$$f^{-1}(x) = \ln 2 - \ln x$$

$$f(x) = 2e^{3x}$$

$$f^{-1}(x) = \frac{1}{3} \ln\left(\frac{x}{2}\right)$$

$$f(x) = 2 + \ln x$$

$$f^{-1}(x) = e^{x-2}$$

$$f(x) = 5e^{-2x}$$