

$\log\left(\frac{x}{yz}\right)$	$\log x - \log y - \log z$	$\log\left(\frac{4x^3}{y^2}\right)$	$2 \log 2 + 3 \log x - 2 \log y$
$3^x = \frac{1}{9}$	$x \cdot \log 3 = -\log 9$	${}^3\log 9$	2
$\log(2ab)$	$\log 2 + \log a + \log b$	$\log(5x^2)$	$\log 5 + 2 \log x$
$\log 15$	$\log 5 + \log 3$	$2^x = 32$	$x \cdot \log(2) = \log(32)$
$2^x = 1024$	$x = {}^2\log(1024)$	$x = \frac{\lg(1024)}{\lg(2)}$	$x = 10$
$\log\left(\frac{xy}{z}\right)$	$\log x + \log y - \log z$	$e^x = 10$	$x = \ln 10$
$5 \cdot 4^x = 320$	$4^x = 64$	$x \cdot \log(4) = \log(64)$	$x = 3$
$300 = 200 \cdot 1,1^x$	$1,5 = 1,1^x$	$\log(1,5) = x \cdot \log(1,1)$	$x = \frac{\log(1,5)}{\log(1,1)}$