Algebraic Rules		
$b^x \cdot b^y = b^{x+y}$	$(b^x)^y = b^{xy}$	$(ab)^x = a^x b^x$
$b^{-x} = \frac{1}{b^x}$	$\frac{b^x}{b^y} = b^{x-y}$	$\left(\frac{a}{b}\right)^x = \frac{a^x}{b^x}$
$b^0 = 1$	$1^x = 1$	If $b^x = b^y$, then $x = y$
Algebraic Rules		