

Exponential Form	Logarithmic Form	Rational Exponent Form	Logarithmic Form
$2^3 = 8$	$\log_2 8 = 3$	$8^{1/3} = 2$	$\log_8 2 = 1/3$
$3^6 = 729$			
$6^{-2} = 1/36$			
$7^0 = 1$			
	$\log_4 64 =$		
	$\log_2 32 =$		
	$\log 1000 =$		
	$\log_3 81 =$		
	$\log_5 1/125 =$		
			$\log_{64} 2 =$
			$\log_{27} 3 =$