

Logaritmos

$$7^2 = 49 \quad \log_7 49 = 2 = 7^2 = 49$$

$$6^3 = 216 \quad \log_6 216 = 3 \quad 6^3 = 216$$

$$3^4 = 81 \quad \log_3 81 = 4 \quad 3^4 = 81$$

$$2^5 = 32 \quad \log_2 32 = 5 \quad 2^5 = 32$$

$\log_7 49 = 2$	$\log_{13} 13 = 1$	Recordemos que todo numero > a 0 es igual a 1
$\log_3 27 = 3$	$\log 17 1 = 0$	
$\log_2 32 = 5$	$\log_6 216 = 3$	
$\log_3 81 = 4$	$\log 100 = 2$	
$\log 10 100 = 2$	$\log 45 45 = 1$	
$\log_5 125 = 3$	$\log 267 1 = 0$	

$$\log_2 8 + \log_3 9 + \log_5 5$$

$$\log_2 32 + \log_3 81 - \log_7 49$$

$$5 \log_2 2 + 7 \log_3 27 - 2 \log_5 25$$

$$5(1) + 7(3) - 2(2) = 22$$

$$2 \log_2 100 - 4 \log_2 32 - 3 \log_5 125$$

$$2(2) - 4(5) - 3(3) = 4 - 20 - 9 = -16$$

$\log_7 \left(\frac{1}{7}\right) = -1$ Agregamos signo -
 $\log_8 \left(\frac{1}{8}\right) = -1$ buscando el dividendo
 $\log_2 \left(\frac{1}{32}\right) = -5$
 $\log_3 \left(\frac{1}{81}\right) = -4$
 \log_4