

**DEFINICIÓN DE LOGARITMOS:**

$$b^x = p \Leftrightarrow x = \log_b p$$

Calcula el valor de x

1. $\log_3 9 = x$	2. $\log_4 2 = x$
3. $\log_{27} 3 = x$	4. $\log_{0,5} 16 = x$
5. $\log_5 0,2 = x$	6. $\log_2 0,25 = x$
7. $\log_5 25 - \log_5 5 = x$	8. $\log_3 27 + \log_3 1 = x$
9. $\log_4 64 + \log_8 64 = x$	10. $\log_4 64 = \frac{2x-1}{3}$
11. $\log_2 16 = x^2$	12. $\log_6 [4(x-1)] = 2$
13. $\log_8 [2(x^3 + 5)] = 2$	14. $\log_{2x+3} 4x^2 + 45 = 2$
15. $\log_x 25 = -2$	

