



1 Halla los siguientes logaritmos.

$\text{Log}_3 81 = \underline{\hspace{2cm}}$

$\text{Log}_{11} 121 = \underline{\hspace{2cm}}$

$\text{Log}_5 64 = \underline{\hspace{2cm}}$

$\text{Log}_{20} 122 = \underline{\hspace{2cm}}$

$\text{Log}_6 64 = \underline{\hspace{2cm}}$

$\text{Log}_2 1 = \underline{\hspace{2cm}}$

2 Completa la tabla.

**Potenciación**

**Radicación**

**Logaritmicación**

$11^2 = 121$

$\sqrt[3]{125} = \boxed{5}$

$\text{Log}_{11} 121 = 2$

$4^4 = 256$

$\sqrt[4]{256} = 4$

$\text{Log}_4 256 = 4$

$7^2 = 49$

$\sqrt[3]{49} = 2$

$\text{Log}_7 49 = \boxed{2}$

$\times \frac{x^2}{x} = 2^8 = 2$

$\sqrt[8]{64} = 2$

$\text{Log}_2 64 = 8$

$11^2 = 121$

$\sqrt[11]{121} = 2$

$\text{Log}_{11} 121 = 2$

$10^5 = \boxed{5}$

$\sqrt[10]{1} = 5$

$\text{Log}_5 1 = 5$