



1 Halla los siguientes logaritmos.

a. $\text{Log}_3 81 = 4$

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

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

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

c. $\text{Log}_4 64 = 3$

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

2 Completa la tabla.

Potenciación

Radicación

Logaritmación

2

$\sqrt[2]{125} = \boxed{\hspace{1cm}}$

$4^{(4)} = 256$
 $4 \times 4 \times 4 \times 4 = 256$

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

$\text{Log}_4 256 = 4$

$(7)^2 = 49$

$\sqrt[2]{49} = 7$

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

$8^2 = 64$

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

$\text{log}_8 64 = 2$

$11^2 = 121$

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

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

$10^5 = \boxed{100.000}$

$\sqrt[5]{100.000} = 10$

$\text{log}_{10} 100.000 = 5$

$10 \times 10 \times 10 \times 10 \times 10$

100.000