

# Logarithmus

Bestimme den Numerus

Lösung

1) $\log_4 x = -1$	$x = \underline{\hspace{2cm}}$	$x = 0,5$
2) $\log_4 x = 4$	$x = \underline{\hspace{2cm}}$	$x = 256$
3) $\log_{0,1} x = -4$	$x = \underline{\hspace{2cm}}$	$x = 10000$
4) $\log_3 x = 6$	$x = \underline{\hspace{2cm}}$	$x = 729$
5) $\log_{0,3} x = 2$	$x = \underline{\hspace{2cm}}$	$x = 0,09$
6) $\log_{0,1} x = 3$	$x = \underline{\hspace{2cm}}$	$x = 0,001$
7) $\log_{0,3} x = -2$	$x = \underline{\hspace{2cm}}$	$x = 16$
8) $\log_5 x = 4$	$x = \underline{\hspace{2cm}}$	$x = 625$
9) $\log_2 x = 5$	$x = \underline{\hspace{2cm}}$	$x = 32$
10) $\log_7 x = 0$	$x = \underline{\hspace{2cm}}$	$x = 1$
11) $\log_3 x = 3$	$x = \underline{\hspace{2cm}}$	$x = 27$
12) $\log_{25} x = 0,5$	$x = \underline{\hspace{2cm}}$	$x = 5$
13) $\log_{0,2} x = -1$	$x = \underline{\hspace{2cm}}$	$x = 5$
14) $\log_{12} x = 2$	$x = \underline{\hspace{2cm}}$	$x = 144$
15) $\log_3 x = 5$	$x = \underline{\hspace{2cm}}$	$x = 243$
16) $\log_4 x = 2$	$x = \underline{\hspace{2cm}}$	$x = 16$
17) $\log_2 x = -2$	$x = \underline{\hspace{2cm}}$	$x = 0,25$
18) $\log_{0,3} x = -1$	$x = \underline{\hspace{2cm}}$	$x = 2$
19) $\log_2 x = 2$	$x = \underline{\hspace{2cm}}$	$x = 4$
20) $\log_{0,1} x = -3$	$x = \underline{\hspace{2cm}}$	$x = 1000$
21) $\log_4 x = 3$	$x = \underline{\hspace{2cm}}$	$x = 64$
22) $\log_3 x = 4$	$x = \underline{\hspace{2cm}}$	$x = 81$