

Logarithmic Equations Maze

Directions: Find the solution to each equation to "find the log" and solve the maze. SHOW YOUR WORK!

START: $\log_3 81 = x$ $3^x = 81$ $3^x = 3^4$ $x = 4$	5	$\log_{27} x = \frac{1}{3}$ $27^{1/3} = x$ $\sqrt[3]{27} = x$ $x = 3$	3	$\log_5 x = 2$ $5^2 = x$ $x = 25$	25	$\log_{32} x = \frac{1}{5}$ $32^{1/5} = x$ $\sqrt[5]{32} = x$ $x = 2$
4	-4	64	-64	-25	0.1	2
$\log_8 x = \frac{1}{3}$ $8^{1/3} = x$ $\sqrt[3]{8} = x$ $x = 2$	2	$\log_4 x = 3$ $4^3 = x$ $x = 64$	12	$\log_9 x = \frac{1}{2}$	3	$\log 0.01 = x$ $10^x = \frac{1}{100}$ $10^x = 10^{-2}$ $x = -2$
-2	-9	10	6	-6	-2	10
$\log_{\frac{1}{3}} x = -2$ $(\frac{1}{3})^{-2} = x$ $(\frac{3}{1})^2 = x$ $x = 9$	4	$\log_4 256 = x$ $4^x = 256$ $4^x = 4^4$ $x = 4$	$\frac{1}{9}$	$\log_3 x = -2$ $3^{-2} = x$ $x = \frac{1}{3^2}$ $x = \frac{1}{9}$	32	$\log_{\frac{1}{5}} x = 2$
9	$\frac{1}{9}$	5	-9	9	-6	$\frac{1}{25}$
$\log_{16} x = \frac{1}{4}$ $16^{1/4} = x$ $\sqrt[4]{16} = x$ $x = 2$	2	$\log_2 64 = x$ $2^x = 64$ $2^x = 2^6$ $x = 6$	6	$\log_{\sqrt{5}} 5 = x$ $\sqrt{5}^x = 5$ $5^{1/2} x = 5^1$ $\frac{1}{2} x = 1$ $x = 2$	2	STOP! 

14 Flamingo Math Natural Logarithms Equations Maze Answers

J Dewey



14 Flamingo Math Natural Logarithms Equations Maze Answers:

The Enigmatic Realm of **14 Flamingo Math Natural Logarithms Equations Maze Answers**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **14 Flamingo Math Natural Logarithms Equations Maze Answers** a literary masterpiece penned by way of a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of people who partake in its reading experience.

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