



Logarithms - Meaning, Equation to Words as Values (Decimals)

1 What does the logarithm equation mean?

$$\log_7 497 = 3$$

A To result in 7, you would raise 3.19 to the power of 497

B To result in 497, you would raise 7 to the power of 3.19

2 What does the logarithm equation mean?

$$\log_8 145 = 2$$

A To result in 8, you would raise 2.39 to the power of 145

B To result in 145, you would raise 8 to the power of 2.39

3 What does the logarithm equation mean?

$$\log_7 250 = 3$$

A To result in 250, you would raise 2.84 to the power of 7

B To result in 250, you would raise 7 to the power of 2.84

4 What does the logarithm equation mean?

$$\log_4 497 = 4$$

A To result in 497, you would raise 4 to the power of 4.48

B To result in 4.48, you would raise 497 to the power of 4

5 What does the logarithm equation mean?

$$\log_5 242 = 3$$

A To result in 5, you would raise 242 to the power of 3.41

B To result in 242, you would raise 5 to the power of 3.41

6 What does the logarithm equation mean?

$$\log_5 253 = 3$$

A To result in 253, you would raise 3.44 to the power of 5

B To result in 253, you would raise 5 to the power of 3.44

7 What does the logarithm equation mean?

$$\log_{10} 290 = 2$$

A To result in 290, you would raise 10 to the power of 2.46

B To result in 2.46, you would raise 290 to the power of 10

8 What does the logarithm equation mean?

$$\log_4 263 = 4$$

A To result in 263, you would raise 4 to the power of 4.02

B To result in 4.02, you would raise 263 to the power of 4