



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

1 What does the logarithm equation mean?  $\log_7 265 = 2.87$

A To result in 265, you would raise 7 to the power of 2.87

B To result in 7, you would raise 265 to the power of 2.87

2 What does the logarithm equation mean?  $\log_5 228 = 3.37$

A To result in 228, you would raise 5 to the power of 3.37

B To result in 5, you would raise 228 to the power of 3.37

3 What does the logarithm equation mean?  $\log_9 129 = 2.21$

A To result in 2.21, you would raise 129 to the power of 9

B To result in 129, you would raise 9 to the power of 2.21

4 What does the logarithm equation mean?  $\log_{10} 21 = 1.32$

A To result in 1.32, you would raise 21 to the power of 10

B To result in 10, you would raise 21 to the power of 1.32

5 What does the logarithm equation mean?  $\log_7 360 = 3.02$

A To result in 360, you would raise 7 to the power of 3.02

B To result in 7, you would raise 3.02 to the power of 360

6 What does the logarithm equation mean?  $\log_4 184 = 3.76$

A To result in 184, you would raise 4 to the power of 3.76

B To result in 4, you would raise 3.76 to the power of 184

7 What does the logarithm equation mean?  $\log_4 97 = 3.3$

A To result in 4, you would raise 97 to the power of 3.3

B To result in 97, you would raise 4 to the power of 3.3

8 What does the logarithm equation mean?  $\log_4 198 = 3.81$

A To result in 198, you would raise 3.81 to the power of 4

B To result in 4, you would raise 198 to the power of 3.81