Name

1 What does the logarithm equation mean? $\log_3 27 = 3$

A To result in 3, you would raise 27 to the power of 3

B To result in 27, you would raise 3 to the power of 3

2 What does the logarithm equation mean? $\log_5 125 = 3$

A To result in 5, you would raise 125 to the power of 3

B To result in 125, you would raise 5 to the power of 3

3 What does the logarithm equation mean? $\log_8 64 = 2$

A To result in 64, you would raise 8 to the power of 2

B To result in 8, you would raise 2 to the power of 64

4 What does the logarithm equation mean? $\log_6 36 = 2$

A To result in 36, you would raise 2 to the power of 6

B To result in 36, you would raise 6 to the power of 2

5 What does the logarithm equation mean? $\log_{10} 1,000 = 3$

A To result in 1,000, you would raise 10 to the power of 3

B To result in 10, you would raise 1,000 to the power of 3

6 What does the logarithm equation mean? $\log_2 8 = 3$

A To result in 8, you would raise 2 to the power of 3

B To result in 2, you would raise 3 to the power of 8

7 What does the logarithm equation mean? $\log_2 4 = 2$

A To result in 2, you would raise 4 to the power of 2

B To result in 4, you would raise 2 to the power of 2

8 What does the logarithm equation mean? $\log_7 49 = 2$

A To result in 49, you would raise 7 to the power of 2

B To result in 7, you would raise 49 to the power of 2