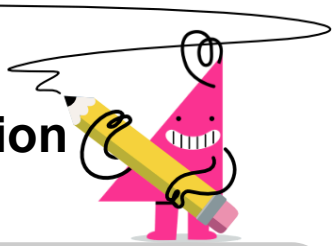
Name

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



1

Which logarithm equation shows this?

To result in 25, you would raise 5 to the power of 2

A $\log_5 25 = 2$

B $\log_2 5 = 25$

C $\log_2 25 = 5$

D $\log_{25} 2 = 5$

2

Which logarithm equation shows this?

To result in 9, you would raise 3 to the power of 2

A $\log_9 2 = 3$

B $\log_3 9 = 2$

C $\log_9 3 = 2$

D $\log_2 3 = 9$

3

Which logarithm equation shows this?

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

A $\log_3 125 = 5$

B $\log_5 125 = 3$

C $\log_{125} 3 = 5$

D $\log_{125} 5 = 3$

4

Which logarithm equation shows this?

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

A $\log_{27} 3 = 3$

B $\log_3 3 = 27$

C $\log_3 27 = 3$

5

Which logarithm equation shows this?

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

A $\log_3 2 = 8$

B $\log_8 2 = 3$

C $\log_8 3 = 2$

D $\log_2 8 = 3$

6

Which logarithm equation shows this?

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

A $\log_2 2 = 4$

B $\log_4 2 = 2$

C $\log_2 4 = 2$

7

Which logarithm equation shows this?

To result in 216, you would raise 6 to the power of 3

A $\log_{216} 3 = 6$

B $\log_{216} 6 = 3$

C $\log_6 216 = 3$

D $\log_3 6 = 216$

8

Which logarithm equation shows this?

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

A $\log_6 36 = 2$

B $\log_2 6 = 36$

C $\log_{36} 2 = 6$

D $\log_{36} 6 = 2$