



Logarithms - Meaning, Words to Equation as Question Mark (Perfect)

1

Which logarithm equation answers this?

What number would you raise 7 by to result in 49?

A $\log_7 7 = 49$	B $\log_7 49 = ?$
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C $\log_{49} ? = 7$	D $\log_7 49 = 7$
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2

Which logarithm equation answers this?

What number would you raise 9 by to result in 81?

A $\log_7 81 = 9$	B $\log_{81} ? = 9$
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C $\log_9 81 = ?$	D $\log_{81} 9 = ?$
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3

Which logarithm equation answers this?

What number would you raise 5 by to result in 25?

A $\log_{25} ? = 5$	B $\log_5 25 = ?$
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C $\log_{25} 5 = ?$	D $\log_7 25 = 5$
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4

Which logarithm equation answers this?

What number would you raise 2 by to result in 4?

A $\log_7 2 = 4$	B $\log_2 4 = ?$
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C $\log_7 4 = 2$	D $\log_4 2 = ?$
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5

Which logarithm equation answers this?

What number would you raise 6 by to result in 216?

A $\log_7 216 = 6$	B $\log_6 216 = ?$
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C $\log_7 6 = 216$	D $\log_{216} 6 = ?$
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6

Which logarithm equation answers this?

What number would you raise 2 by to result in 8?

A $\log_7 8 = 2$	B $\log_8 2 = ?$
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C $\log_8 ? = 2$	D $\log_2 8 = ?$
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7

Which logarithm equation answers this?

What number would you raise 4 by to result in 64?

A $\log_7 64 = 4$	B $\log_4 64 = ?$
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C $\log_{64} 4 = ?$	D $\log_7 4 = 64$
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8

Which logarithm equation answers this?

What number would you raise 8 by to result in 64?

A $\log_7 8 = 64$	B $\log_8 64 = ?$
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C $\log_{64} 8 = ?$	D $\log_7 64 = 8$
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E $\log_{64} ? = 8$	
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