



Logarithms - Solve Exponent Equation (Integers)



1 Use a logarithm to solve for the missing exponent

A $x = 3$	B $x = 0$	C $x = 1$
D $x = 4$	E $x = 2$	

$6^x = 36$

2 Use a logarithm to solve for the missing exponent

$6^x = 216$

A $x = 2$	B $x = 4$	C $x = 1$	D $x = 3$	E $x = 5$
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3 Use a logarithm to solve for the missing exponent

A $x = 3$	B $x = 4$	C $x = 1$
D $x = 2$	E $x = 0$	

$3^x = 9$

4 Use a logarithm to solve for the missing exponent

A $x = 3$	B $x = 1$	C $x = 2$
D $x = 0$	E $x = 4$	

$5^x = 25$

5 Use a logarithm to solve for the missing exponent

A $x = 4$	B $x = 2$	C $x = 1$
D $x = 3$	E $x = 0$	

$4^x = 16$

6 Use a logarithm to solve for the missing exponent

A $x = 3$	B $x = 1$	C $x = 2$
D $x = 4$	E $x = 5$	

$4^x = 64$

7 Use a logarithm to solve for the missing exponent

A $x = 0$	B $x = 1$	C $x = 3$
D $x = 4$	E $x = 2$	

$7^x = 49$

8 Use a logarithm to solve for the missing exponent

A $x = 2$	B $x = 1$	C $x = 3$
D $x = 0$	E $x = 4$	

$9^x = 81$