



Logarithms - Solve Natural Exponent Equation (To Decimals)

1 Use a logarithm to solve for the missing exponent $e^x = 17$	A $x = 3.81$	B $x = 2.81$	2 Use a logarithm to solve for the missing exponent $e^x = 11$	A $x = 2.35$	B $x = 1.35$
	C $x = 4.81$	D $x = 0.81$		C $x = 0.35$	D $x = 3.35$
	E $x = 1.81$			E $x = 4.35$	
3 Use a logarithm to solve for the missing exponent $e^x = 29$	A $x = 1.38$	B $x = 3.38$	4 Use a logarithm to solve for the missing exponent $e^x = 11,399$		
	C $x = 5.38$	D $x = 4.38$			
	E $x = 2.38$		A $x = 8.34$	B $x = 10.34$	
5 Use a logarithm to solve for the missing exponent $e^x = 20$	A $x = 3.97$	B $x = 2.97$	C $x = 11.34$	D $x = 9.34$	
	C $x = 4.97$	D $x = 1.97$	E $x = 7.34$		
	E $x = 0.97$		6 Use a logarithm to solve for the missing exponent $e^x = 31$	A $x = 3.43$	B $x = 4.43$
7 Use a logarithm to solve for the missing exponent $e^x = 27$	A $x = 4.29$	B $x = 5.29$		C $x = 5.43$	D $x = 2.43$
	C $x = 1.29$	D $x = 3.29$		E $x = 1.43$	
	E $x = 2.29$		8 Use a logarithm to solve for the missing exponent $e^x = 2,148$		
			A $x = 7.67$	B $x = 8.67$	
			C $x = 9.67$	D $x = 5.67$	
			E $x = 6.67$		