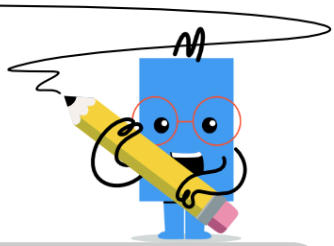
Name

Logarithms - Solve Natural Exponent Equation (From Decimals)



1 Use a logarithm to solve for the missing exponent

$$e^x = 18.17$$

A	x = 0.9	B	x = 2.9
C	x = 1.9	D	x = 4.9
E	x = 3.9		

2 Use a logarithm to solve for the missing exponent

$$e^x = 49.4$$

A	x = 5.9	B	x = 2.9
C	x = 4.9	D	x = 3.9
E	x = 1.9		

3 Use a logarithm to solve for the missing exponent

$$e^x = 109.95$$

A	x = 2.7	B	x = 3.7
C	x = 5.7	D	x = 4.7
E	x = 6.7		

4 Use a logarithm to solve for the missing exponent

$$e^x = 9.97$$

A	x = 4.3	B	x = 1.3
C	x = 2.3	D	x = 3.3
E	x = 0.3		

5 Use a logarithm to solve for the missing exponent

$$e^x = 217.02$$

A	x = 6.38	B	x = 3.38
C	x = 5.38	D	x = 7.38
E	x = 4.38		

6 Use a logarithm to solve for the missing exponent

$$e^x = 10.91$$

A	x = 3.39	B	x = 1.39
C	x = 4.39	D	x = 0.39
E	x = 2.39		

7 Use a logarithm to solve for the missing exponent

$$e^x = 20.09$$

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

8 Use a logarithm to solve for the missing exponent

$$e^x = 82.27$$

A	x = 2.41	B	x = 5.41
C	x = 6.41	D	x = 4.41
E	x = 3.41		