



Math worksheet on 'Logarithms - Solve Natural Exponent Equation (To Decimals) (Level 1)'. Part of a broader unit on 'Logarithms - Intro'

Learn online: [app.mobius.academy/math/units/logarithms\\_intro/](http://app.mobius.academy/math/units/logarithms_intro/)

1 Use a logarithm to solve for the missing exponent

$$e^x = 66$$

a x = 6.2	b x = 4.2
c x = 2.2	d x = 3.2
e x = 5.2	

2 Use a logarithm to solve for the missing exponent

$$e^x = 488$$

a x = 7.19	b x = 5.19
c x = 8.19	d x = 4.19
e x = 6.19	

3 Use a logarithm to solve for the missing exponent

$$e^x = 20$$

a x = 1.98	b x = 4.98
c x = 2.98	d x = 0.98
e x = 3.98	

4 Use a logarithm to solve for the missing exponent

$$e^x = 31$$

a x = 3.43	b x = 4.43
c x = 5.43	d x = 1.43
e x = 2.43	

5 Use a logarithm to solve for the missing exponent

$$e^x = 13$$

a x = 3.56	b x = 2.56
c x = 0.56	d x = 4.56
e x = 1.56	

6 Use a logarithm to solve for the missing exponent

$$e^x = 37$$

a x = 4.61	b x = 1.61
c x = 2.61	d x = 5.61
e x = 3.61	

7 Use a logarithm to solve for the missing exponent

$$e^x = 32$$

a x = 5.47	b x = 3.47
c x = 1.47	d x = 4.47
e x = 2.47	