



Math worksheet on 'Logarithms - Solve Log 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

Solve the following logarithm

$$\log_3 54 = x$$

<b>a</b>	$x = 5.63$	<b>b</b>	$x = 1.63$
<b>c</b>	$x = 2.63$	<b>d</b>	$x = 3.63$
<b>e</b>	$x = 4.63$		

2

Solve the following logarithm

$$\log_3 290 = x$$

<b>a</b>	$x = 4.16$	<b>b</b>	$x = 7.16$
<b>c</b>	$x = 3.16$	<b>d</b>	$x = 6.16$
<b>e</b>	$x = 5.16$		

3

Solve the following logarithm

$$\log_6 461 = x$$

<b>a</b>	$x = 5.42$	<b>b</b>	$x = 4.42$
<b>c</b>	$x = 3.42$	<b>d</b>	$x = 1.42$
<b>e</b>	$x = 2.42$		

4

Solve the following logarithm

$$\log_2 376 = x$$

<b>a</b>	$x = 7.55$	<b>b</b>	$x = 10.55$
<b>c</b>	$x = 8.55$	<b>d</b>	$x = 9.55$
<b>e</b>	$x = 6.55$		

5

Solve the following logarithm

$$\log_3 97 = x$$

<b>a</b>	$x = 2.16$	<b>b</b>	$x = 3.16$
<b>c</b>	$x = 5.16$	<b>d</b>	$x = 6.16$
<b>e</b>	$x = 4.16$		

6

Solve the following logarithm

$$\log_{10} 202 = x$$

<b>a</b>	$x = 3.31$	<b>b</b>	$x = 2.31$
<b>c</b>	$x = 1.31$	<b>d</b>	$x = 4.31$
<b>e</b>	$x = 0.31$		

7

Solve the following logarithm

$$\log_5 493 = x$$

<b>a</b>	$x = 4.85$	<b>b</b>	$x = 1.85$
<b>c</b>	$x = 5.85$	<b>d</b>	$x = 3.85$
<b>e</b>	$x = 2.85$		