

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Natural Logarithm Worksheet

Solve for the unknown using calculator and round your answers to the nearest whole number:

$\ln(x + 1) = 0.9473$  $x =$ _____	$\ln(x - 1) = 0.5753$  $x =$ _____
$\ln(2x + 3) = 1.1285$  $x =$ _____	$\ln(5x - 2) = 2.1645$  $x =$ _____
$\ln\left(\frac{x}{3} + 4\right) = 0.2694$  $x =$ _____	$\ln\left(\frac{x}{2} - 3\right) = 1.7521$  $x =$ _____
$\ln\left(\frac{x + 1}{2}\right) = 1.1202$  $x =$ _____	$\ln\left(\frac{x - 1}{3}\right) = 0.0001$  $x =$ _____

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## Answers

$\ln(x + 1) = 0.9473$  $x = 2$	$\ln(x - 1) = 0.5753$  $x = 3$
$\ln(2x + 3) = 1.1285$  $x = 0$	$\ln(5x - 2) = 2.1645$  $x = 2$
$\ln\left(\frac{x}{3} + 4\right) = 0.2694$  $x = -8$	$\ln\left(\frac{x}{2} - 3\right) = 1.7521$  $x = 18$
$\ln\left(\frac{x + 1}{2}\right) = 1.1202$  $x = 5$	$\ln\left(\frac{x - 1}{3}\right) = 0.0001$  $x = 4$