## Exercise 251

For the following exercises, write the equation in equivalent exponential form.

$$
\ln \left(\frac{1}{e^{3}}\right)=-3
$$

## Solution

The base of the natural logarithm is $e$, the logarithm is the exponent, and the argument is the result.

$$
e^{-3}=\frac{1}{e^{3}}
$$

