Solving Exponential Equations: Guided Notes

# Notation

**Common Logarithm**



**Natural Logarithm**

  
(where  is Euler’s number: )

# Inverse Operations: Exponential and Logarithmic









# Examples

Solve each of the following equations.

**1)** 

**3)** 

**2)** 

# Change of Base





Use the change of base formula to rewrite the logarithmic expression below.

**4)** 