A logarithm is the exponent to which a base is raised to get a particular number. We specify the base with a subscript. We write $\log _{3} 81=4$ and $\log _{9} 81=2 . \log _{b} a=x$ means $b^{x}=a$.

Write a logarithmic expression that gives the hour at which the pizza has 65 grams of mold.
"Worksheet: Logarithmic Functions, Lesson 3, Episode 4" by MathTalk is licensed under CC BY-NCSA 4.0

