

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.

