



$$y = a^x$$

where
 $0 < a < 1$

or

$$y = a^{-x}$$

where $a > 1$

$$T - T_s = (T_0 - T_s) e^{-kt}$$

$$T = T_s + (T_0 - T_s) e^{-kt}$$

at t_0 $T = 450^\circ$

$$T_0 = 450^\circ$$

70° room

15 min later

the pizza is

300°