



temperatura es de 33°C.
 la temperatura se
 de enfriamiento del
 33°C.

$T = T_{\infty} + (T_0 - T_{\infty})e^{-kt}$
 $33 = 25 + (37 - 25)e^{-k(10)}$
 $8 = 12e^{-10k}$
 $\ln(8) = \ln(12e^{-10k})$
 $\ln(8) = \ln(12) - 10k$
 $-0.415 = 0.182 - 10k$
 $-0.597 = -10k$
 $k = 0.0597 \text{ min}^{-1}$
 $T = 25 + (37 - 25)e^{-0.0597t}$
 $T = 25 + 12e^{-0.0597t}$
 $T = 25 + 12e^{-0.0597(10)}$