Find a formula for $f^{(n)}(x)$ if $f(x) = e^{-5x}$.

$f^{(n)}(x) =$ [ ]

Find a formula for $f^{(n)}(x)$ if $f(x) = e^{-5x}$.

$f^{(n)}(x) =$ $(-5)^n e^{-5x}$