Compounding Interest Continuously:

$$A = p \cdot e^{rt}$$

A = the amount $ after t years
p = original amount (principal)
r = interest rate as a decimal
t = # years

$25,000 20 years at 6%

You invest $25,000 at 6% interest compounded continuously.

How much will you have in 20 years?

25000 e^(.06*20)

= $83,002.92