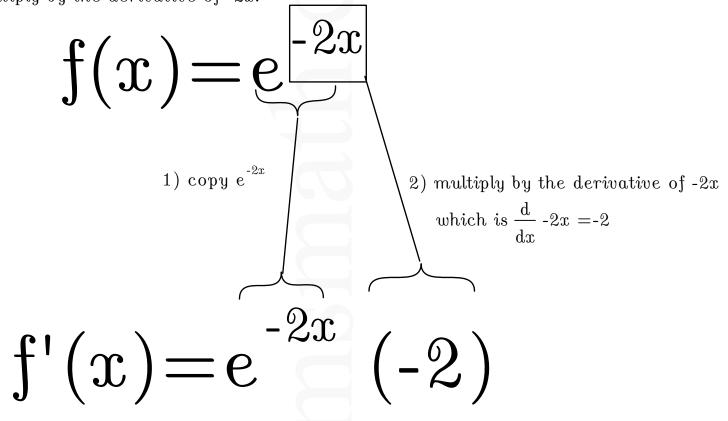
Find the derivative of  $f(x) = e^{-2x}$ 

1) You have to use the chain rule. Copy  $e^{-2x}$  exactly, and then multiply by the derivative of -2x.



3) Rewrite by placing -2 in front

$$f'(x) = -2e^{-2x}$$