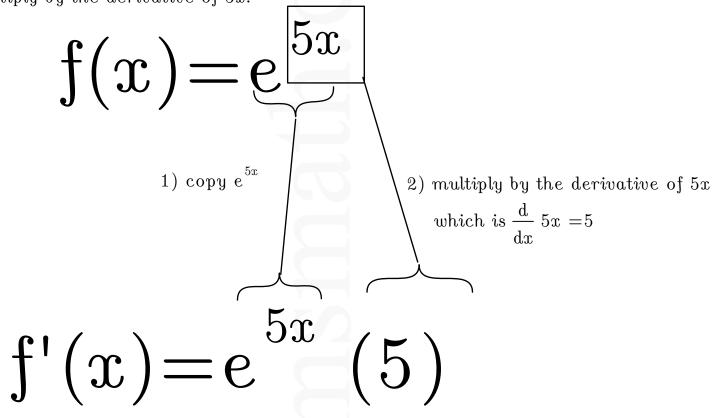
Find the derivative of $f(x)=e^{5x}$

1) You have to use the chain rule. Copy e^{5x} exactly, and then multiply by the derivative of 5x.



3) Rewrite by placing 5 in front

$$f'(x)=5e^{5x}$$