

Bilde die Ableitungen

$$f(x) = 3x^2 \sin(x) \quad f'(x) =$$

$$f(x) = x^4 e^x - 8 \quad f'(x) =$$

$$f(x) = 3x \cos(x) \quad f'(x) =$$

$$f(x) = x \ln(x) \quad f'(x) =$$

$$f(x) = e^x \sin(x) \quad f'(x) =$$

$$f(x) = -5x^2 \ln(x) \quad f'(x) =$$

$$f(x) = -3x3^x \quad f'(x) =$$

$$f(x) = \sqrt{x} * \sin(x) \quad f'(x) =$$

$$f(x) = x^3 e^x \quad f'(x) =$$

$$f(x) = 3ax e^x \quad f'(x) =$$

$$f(x) = \sqrt[3]{x} \cos(x) \quad f'(x) =$$