

Bilde die Ableitungen

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

$$f(x) = e^{3x^2} \quad f'(x) =$$

$$f(x) = \cos(x^2) \quad f'(x) =$$

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

$$f(x) = e^{\sqrt{x}} \quad f'(x) =$$

$$f(x) = (3x + 1)^3 \quad f'(x) =$$

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

$$f(x) = \sqrt[3]{3x + 2} \quad f'(x) =$$

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

$$f(x) = (x^2 - 3x + 1)^2 \quad f'(x) =$$

$$f(x) = e^{5x^2 - 3x + 1} \quad f'(x) =$$