

LÖSUNG ZU 629:

b)

$$f(x) = \sqrt[3]{g(x)} = (g(x))^{\frac{1}{3}}$$

$$f'(x) = \frac{1}{3} \cdot (g(x))^{-\frac{2}{3}} \cdot g'(x) = \frac{g'(x)}{3 \cdot \sqrt[3]{(g(x))^2}}$$

