

1 Let $f(x) = (x + 1)^3$. Find the derivative of $f^{-1}(x)$.
5 points

2 Find the derivative of
5 points

$$f(x) = \frac{(x + 1)^2(x^2 + 1)^{1/2}}{(2x - 1)^3},$$

where $x > 1/2$.