Derivative of the Square Root Function

- a) Use implicit differentiation to find the derivative of the inverse of $f(x) = x^2$ for x > 0.
- b) Check your work by finding the inverse explicitly and then taking its derivative.

MIT OpenCourseWare http://ocw.mit.edu

18.01SC Single Variable Calculus Fall 2010

For information about citing these materials or our Terms of Use, visit: http://ocw.mit.edu/terms.