

College Algebra

Exercise 41: Inverse Functions

$$f(x) = 5 - 2x^3$$

$$y = 5 - 2x^3$$

$$x = 5 - 2y^3$$

$$2y^3 = 5 - x$$

$$y = f^{-1}(x) = \sqrt[3]{\frac{5 - x}{2}}$$