

Answer on Question #59416 – Math – Calculus

Question

Find $f^{-1}(x)$

$$f(x) = 7x$$

Solution

We need to find the inverse of the original function.

$$y = 7x.$$

Now interchange the x's and y's and solve for y.

$$x = 7y.$$

$$y = \frac{x}{7}.$$

$$f^{-1}(x) = \frac{x}{7}.$$

Answer: $\frac{x}{7}$.