A function, $h$, is defined by $h(x) = x^3 + 7$, where $x \in \mathbb{R}$.
Determine an expression for $h^{-1}(x)$.

Answer

$h^{-1}(x) = \sqrt[3]{x - 7}$ or
$h^{-1}(x) = (x - 7)^{\frac{1}{3}}$