2 **(a)** Give full details of the single transformation that transforms the graph of $y = x^3$ to the graph of $y = x^3 - 8$. **[2]**

The function f is defined by $f(x) = x^3 - 8$.

(b) Find an expression for $f^{-1}(x)$. **[2]**

(c) State how the graphs of $y = f(x)$ and $y = f^{-1}(x)$ are related geometrically. **[1]**