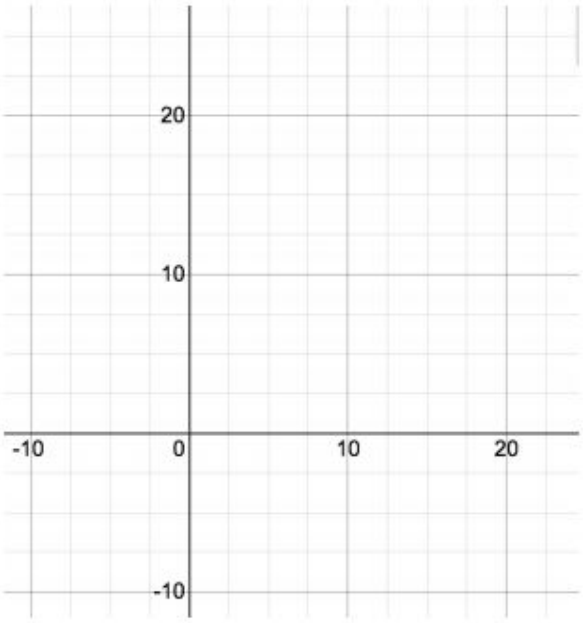
9. **REINFORCE** Consider the function $f(x) = 2x^2 - 8$. Fill in the following tables to describe $f(x)$ and its inverse, $f^{-1}(x)$. Sketch a graph of $f(x)$ and $f^{-1}(x)$ on the same graph grid. Is the inverse relation a function? Explain.

x	$f(x)$

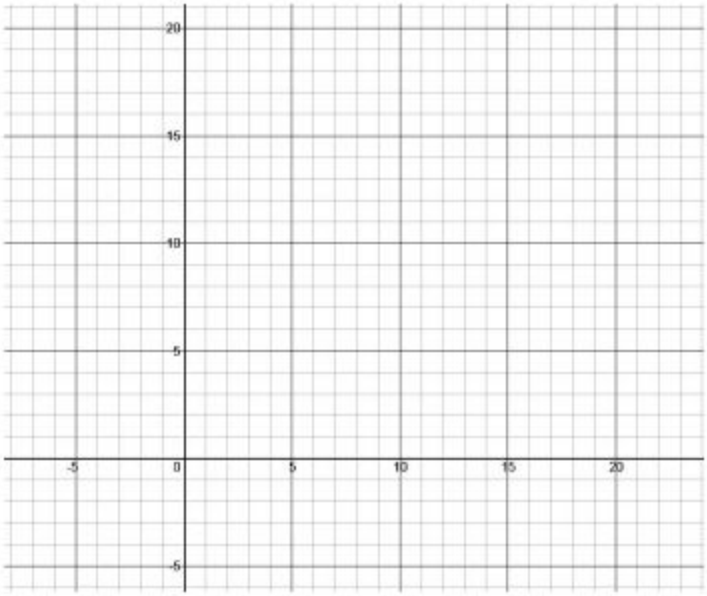
x	$f^{-1}(x)$



10. **REINFORCE** Consider the function $f(x) = -2x^2 + 18$. Fill in the following tables to describe $f(x)$ and its inverse, $f^{-1}(x)$. Sketch a graph of $f(x)$ and $f^{-1}(x)$ on the same graph grid. Is the inverse relation a function? Explain.

x	$f(x)$

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



11. **REINFORCE** Consider the function $f(x) = \sqrt{x-4}$. Fill in the following tables to describe $f(x)$ and its inverse, $f^{-1}(x)$. Sketch a graph of $f(x)$ and $f^{-1}(x)$ on the same graph grid. Is the inverse relation a function? Explain.

x	$f(x)$

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