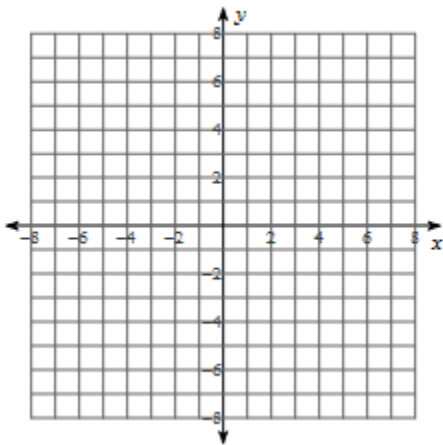
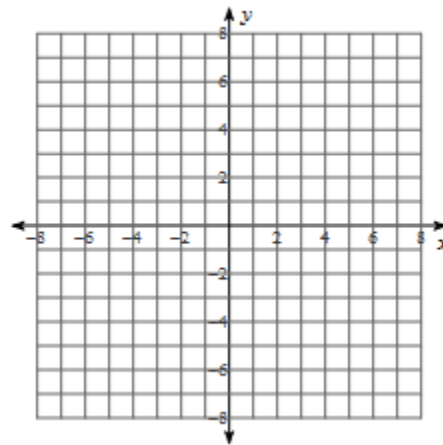


Find the inverse of the following functions. Then graph both the functions and the inverse functions on the same coordinate grid. Confirm that the  $x$  and  $y$  values have switched positions in the inverse graph.

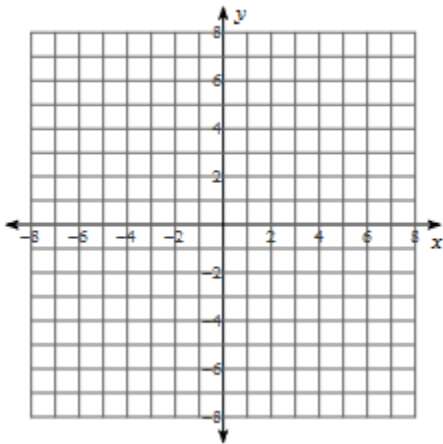
1)  $f(x) = 2x - 5$



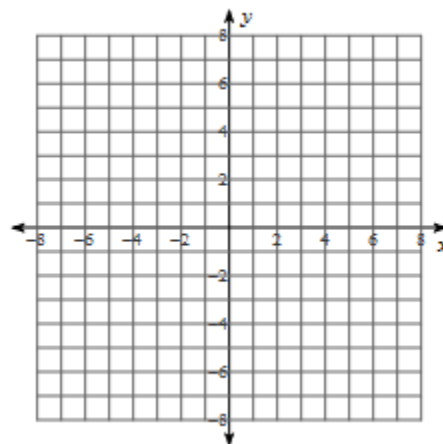
4)  $f(x) = \frac{-2}{3}x + 4$



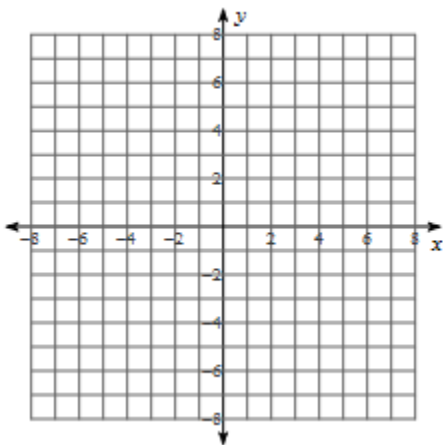
2)  $g(x) = -4x + 3$



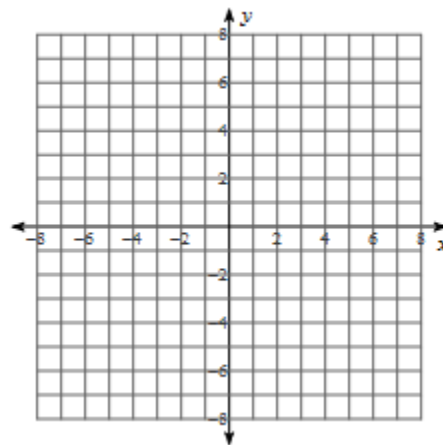
5)  $g(x) = (x - 3)^2$



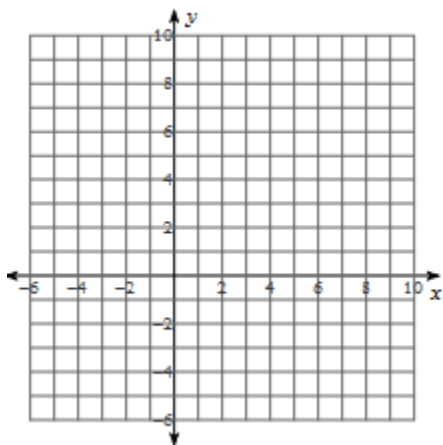
3)  $h(x) = \sqrt[3]{x - 1} + 2$



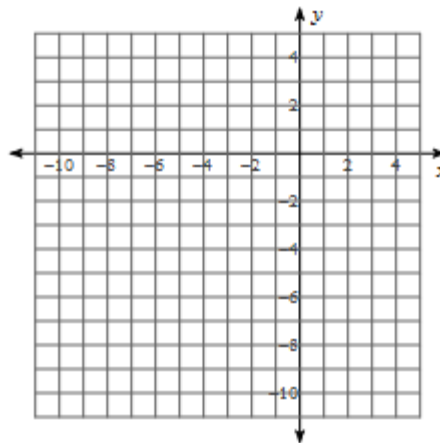
6)  $h(x) = 2x^2 - 4$



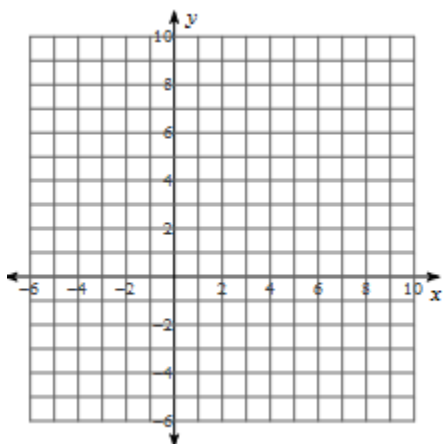
7)  $f(x) = \sqrt{x} + 5$



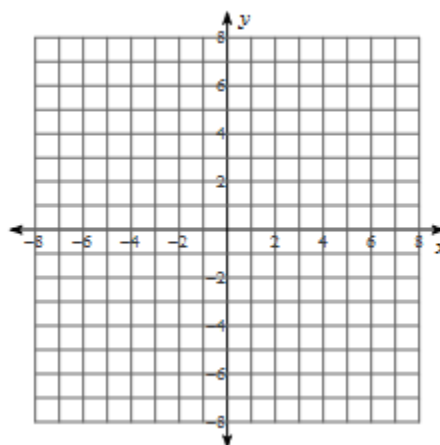
9)  $h(x) = (x - 2)^3 - 2$



8)  $g(x) = -\sqrt{x-1}$

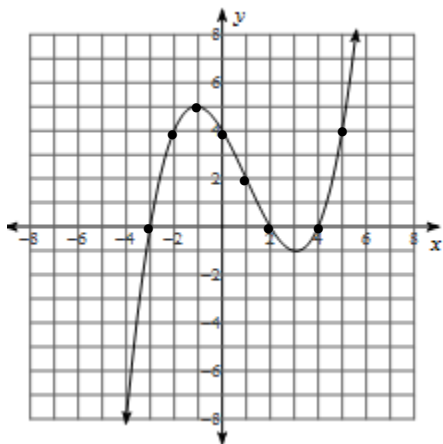


10)  $f(x) = (x + 2)^3 + 1$



Based only on the known points, sketch the inverse of the following graphs:

11)



12)

