

Compute and graph inverse functions

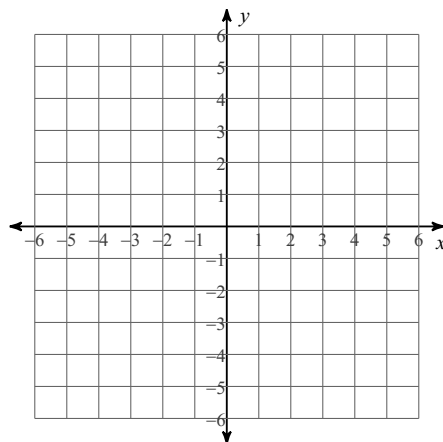
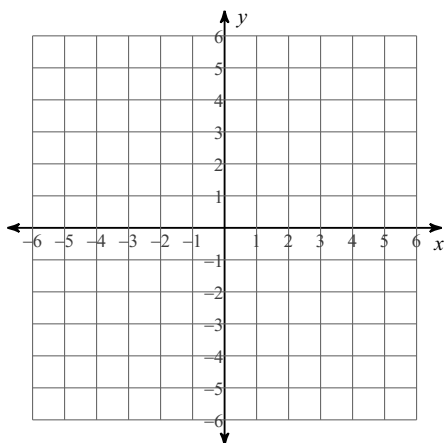
Date _____ Period _____

Three tasks per problem. 1) Compute the inverse of each function. 2) Graph the function and 3) Graph the inverse function.

Graphs need to be accurate. Make a table of values, etc. Show all work on separate paper.

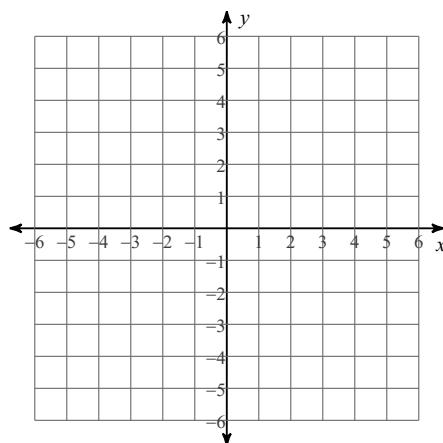
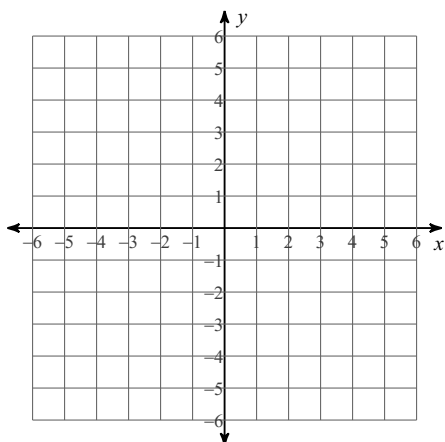
1) $f(x) = 3x + 4$

2) $g(x) = -4 - \frac{7}{5}x$

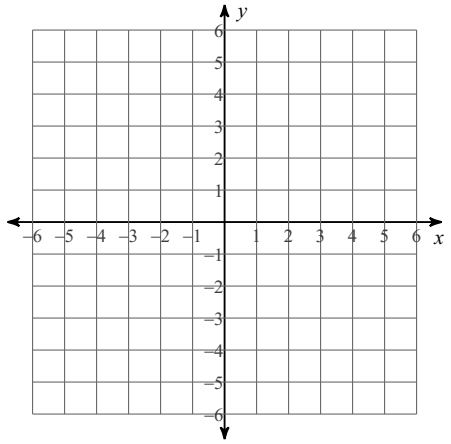


3) $f(x) = -\frac{\sqrt[3]{4x}}{2}$

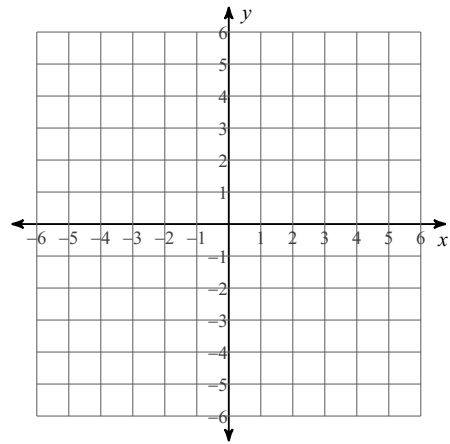
4) $g(x) = 2x^5 + 3$



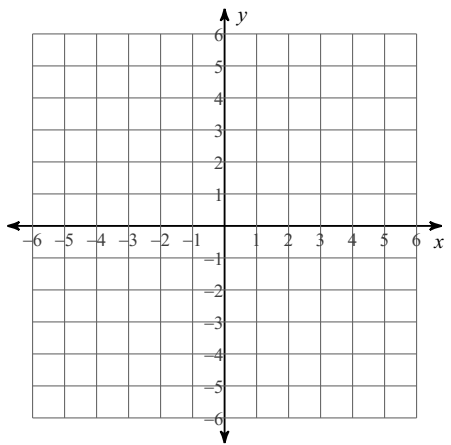
5) $g(x) = -2x^3 + 3$



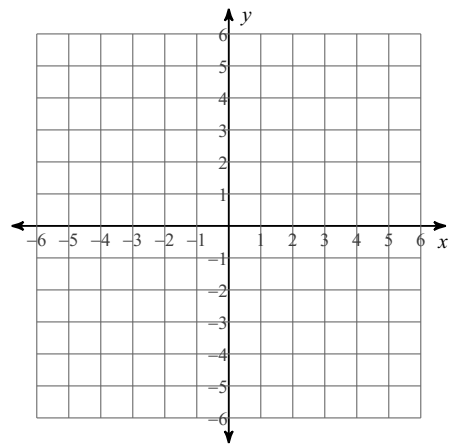
6) $h(x) = -\frac{1}{x} - 2$



7) $f(x) = \frac{3}{x-1}$

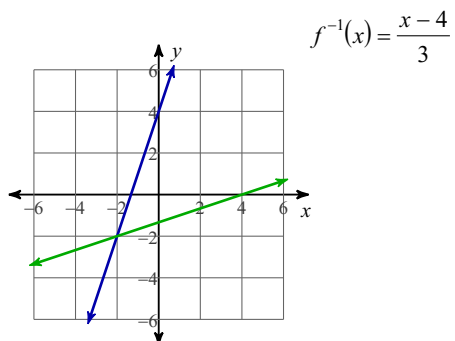


8) $g(n) = \frac{4}{n+3} - 1$

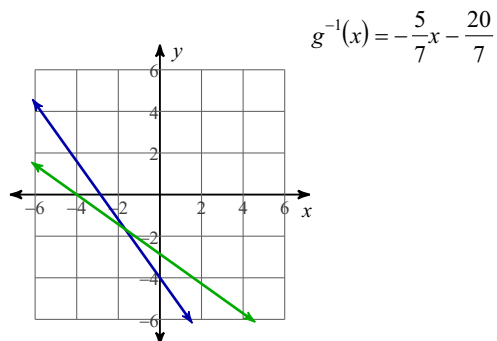


Answers to Compute and graph inverse functions (ID: 1)

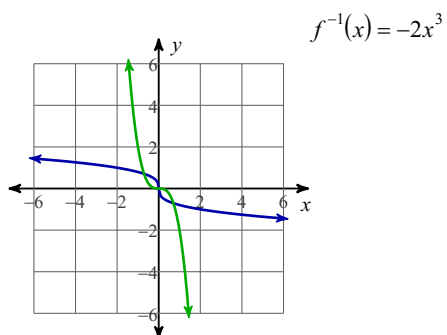
1)



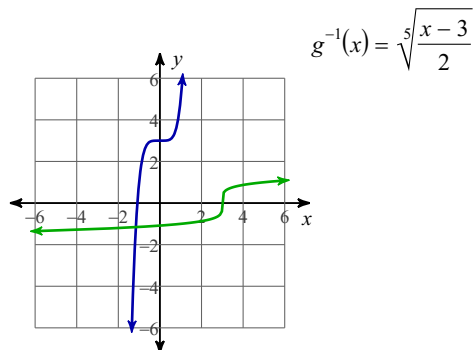
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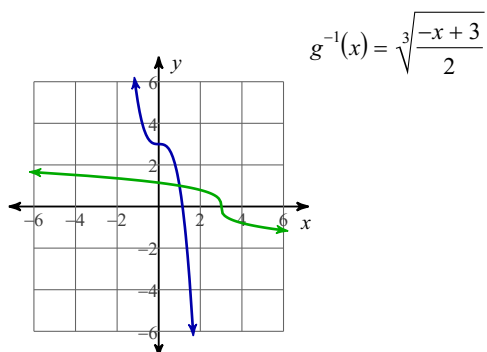
3)



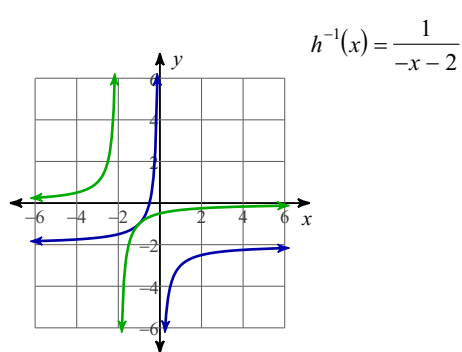
4)



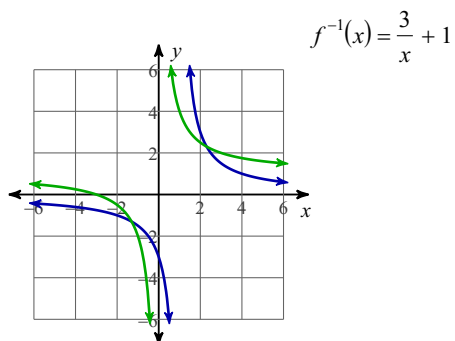
5)



6)



7)



8)

