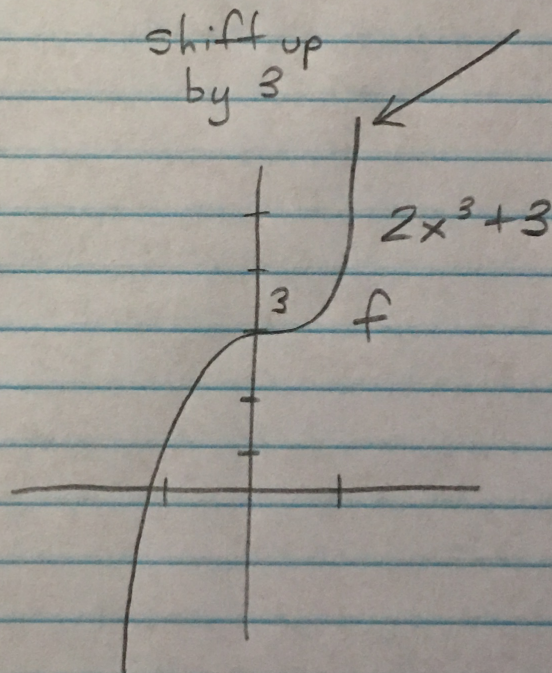
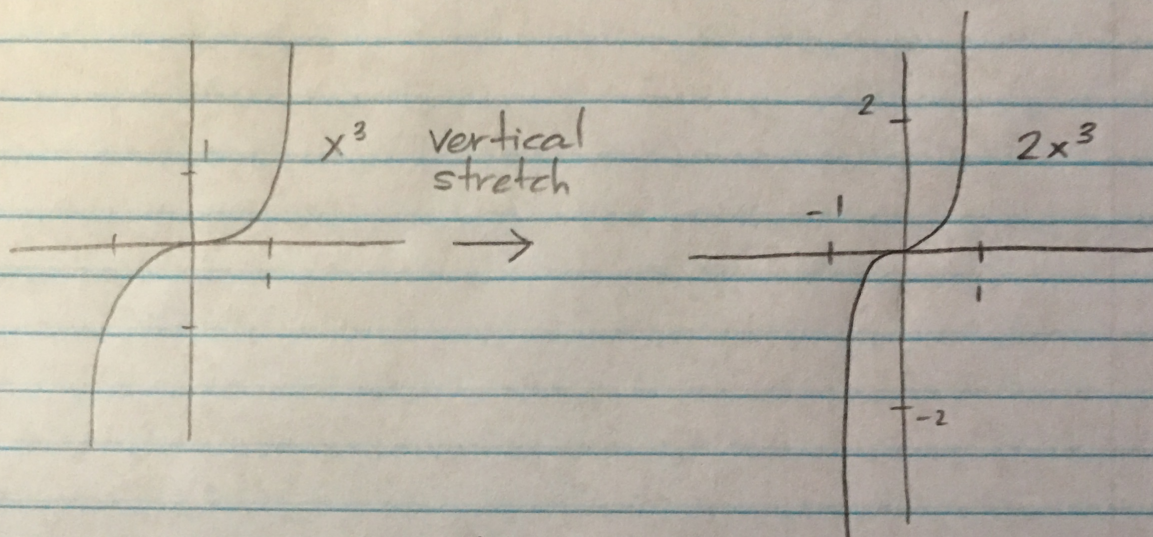
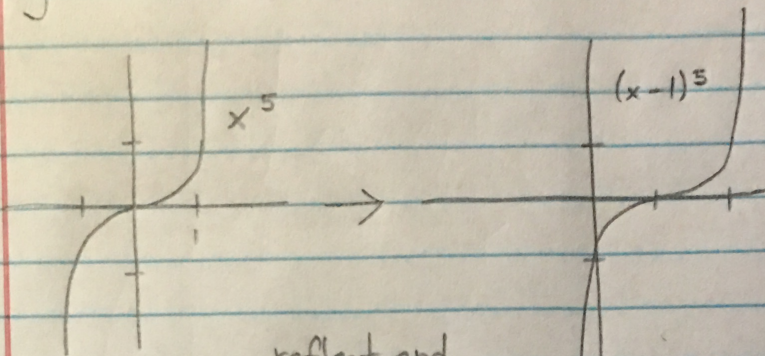


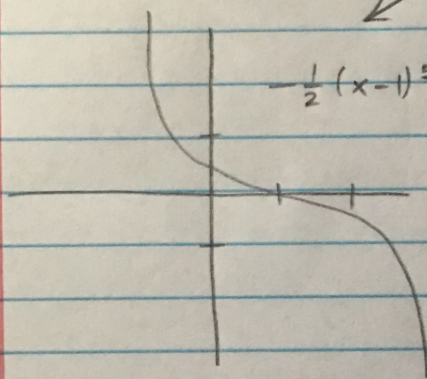
5)  $f(x) = 2x^3 + 3$



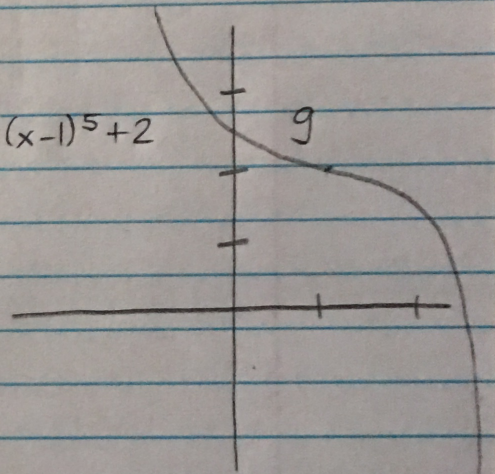
5 continued)  $g(x) = -\frac{1}{2}(x-1)^5 + 2$



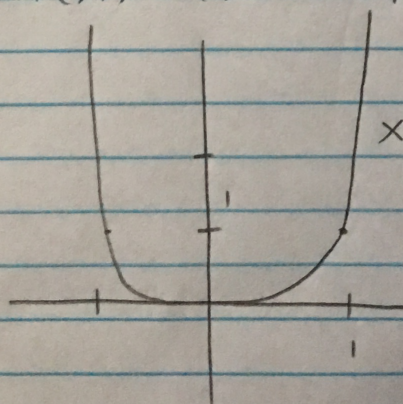
reflect and multiply by  $\frac{1}{2}$



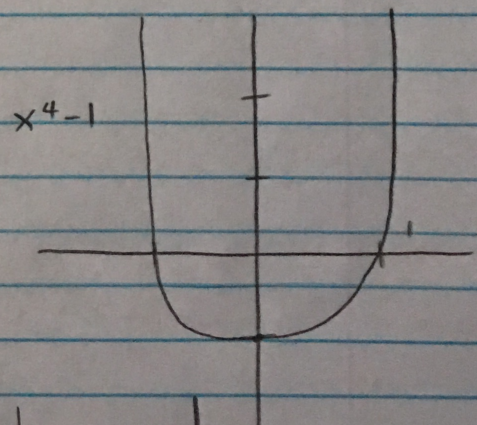
shift up by 2



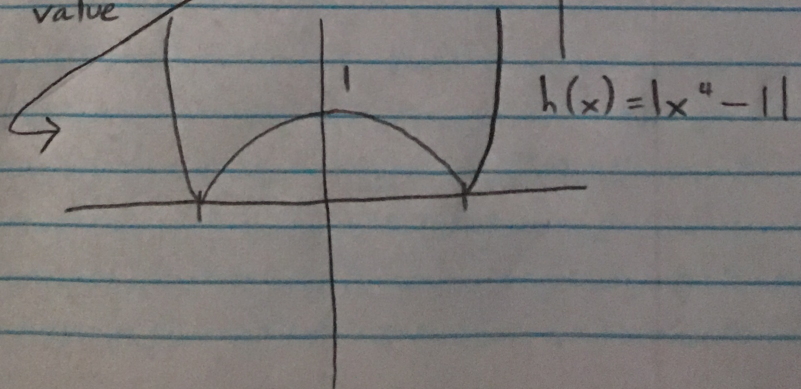
$h(x) = |x^4 - 1|$



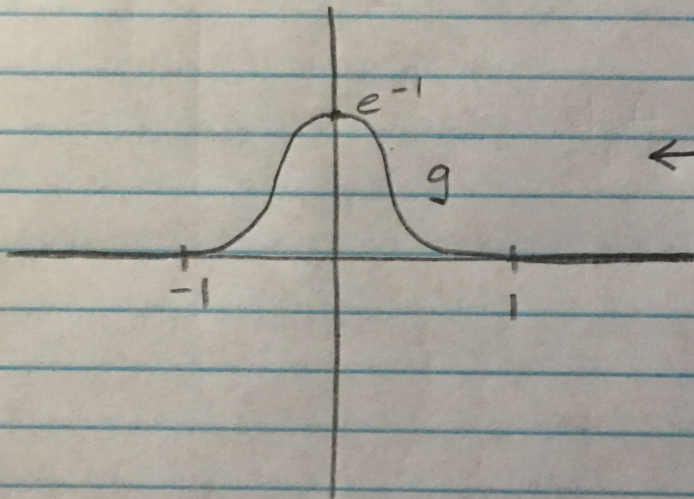
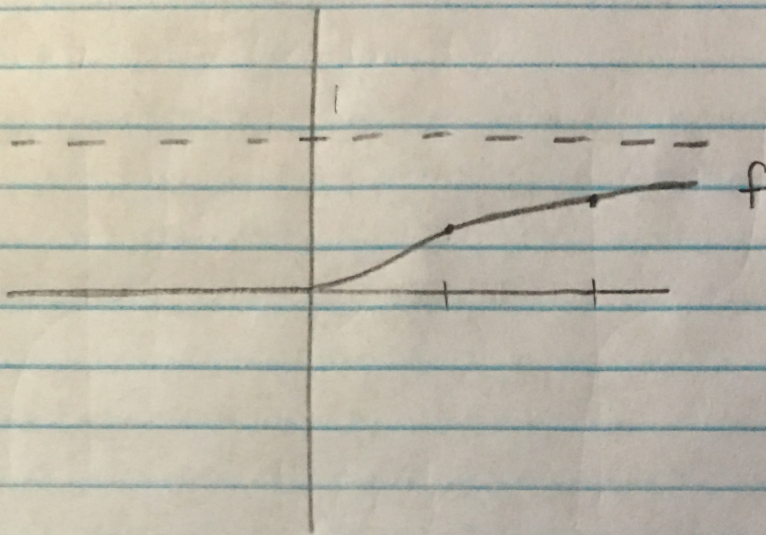
shift down by 1



absolute value



7)



← This is also called  
a bump function.