Given f(x) and its domain, (a) find $f^{-1}(x)$, (b) Identify the domains and ranges for both f(x) and $f^{-1}(x)$ (c) Graph both f(x) and $f^{-1}(x)$ on the same xy-plane (d) Find the intersections of f and $f^{-1}(x)$ if possible, algebraically as well as graphically.



