1.

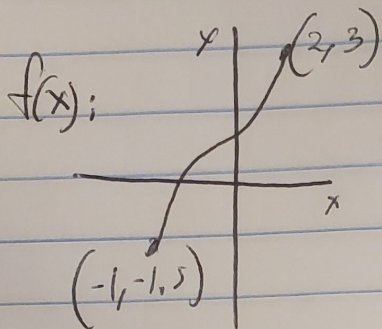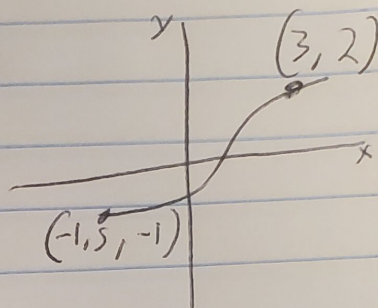$f(x):$

$(2,3)$

$(-1,-1.5)$

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

$(3,2)$

$(-1.5,-1)$

Domain $f^{-1}(x) = [-1.5, 3]$

2.

Line 1: incorrect. to get graph of $y = g(x+1)$, shift $g(x)$ a distance of 1 unit to the left

Line 2: incorrect. to get graph of $y = g(2(x+1))$, compress $y = g(x+1)$ horizontally by a factor of 2

Line 3: correct

Line 4: correct