

 $\begin{array}{l} \begin{array}{c} \begin{array}{c} X - coold = -b \\ \hline z \end{array} \end{array}$ 3 y = sub in X -1 ġ X-int: sub y=0 factor or quadratic formula $(-\infty, -1)$ Inc (-1, 4) Dec $(4, \infty)$ Inc

Do fog or gof => must = x Will f^{-'} be a function? (must press honz live 6 yes 7) Find eq. of f' 1) Switch x + ya) Solve y. $f_{y} = \frac{2x-5}{}$ $f(x) = \frac{2x-5}{3x+7}$ 8(1) $(3g+7)X = \frac{2y-5}{3y+7}(3g+1)$ Hules = terms cance | from num + denom Vert= denom=0 3xy + 7x = 2y-5 Horiz = 3xy - 2y = -7x - 5 $y(3x-2) = -\frac{7x-5}{3x-2}$ NUM Slant = numera