

Questions:

Notes: Review for Exam

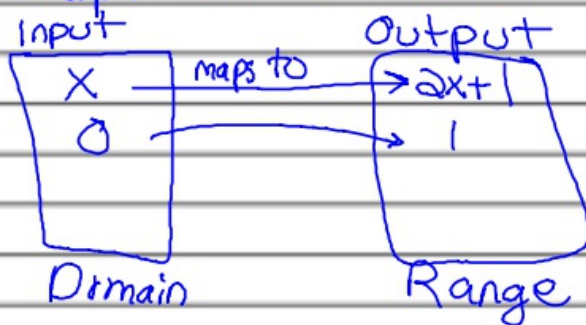
Some notation issues:

① $f: x \mapsto \sqrt{3-2x}$

the function f , such x is the input at a into the function $\sqrt{3-2x}$
 $f(x) = \sqrt{3-2x}$

② $f: \mathbb{R} \rightarrow 2x+1$

" f is a function that maps x to $2x+1$ "

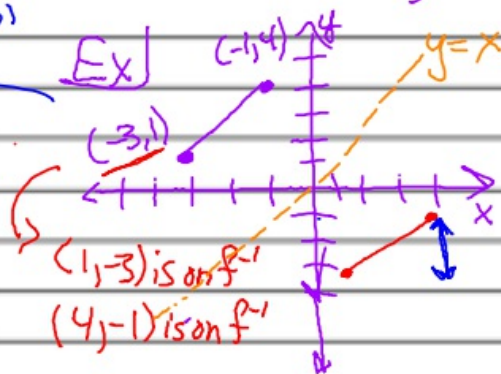


For Inverses

① To find the inverse, switch $x \leftrightarrow y$
solve for y

② Range of $f =$ Domain of f^{-1}
Domain of $f =$ Range of f^{-1}

The graph of the function is below, with a Domain of $[-3, -1]$



a) draw $f^{-1}(x)$
b) Range of $f^{-1}(x)$?
 $[-3, -1]$
 $-3 \leq x \leq -1$

Review. p26 # 3, 5, 6, 7, 9, 10, 11, 12, 13
p28 # 8, 10a-d