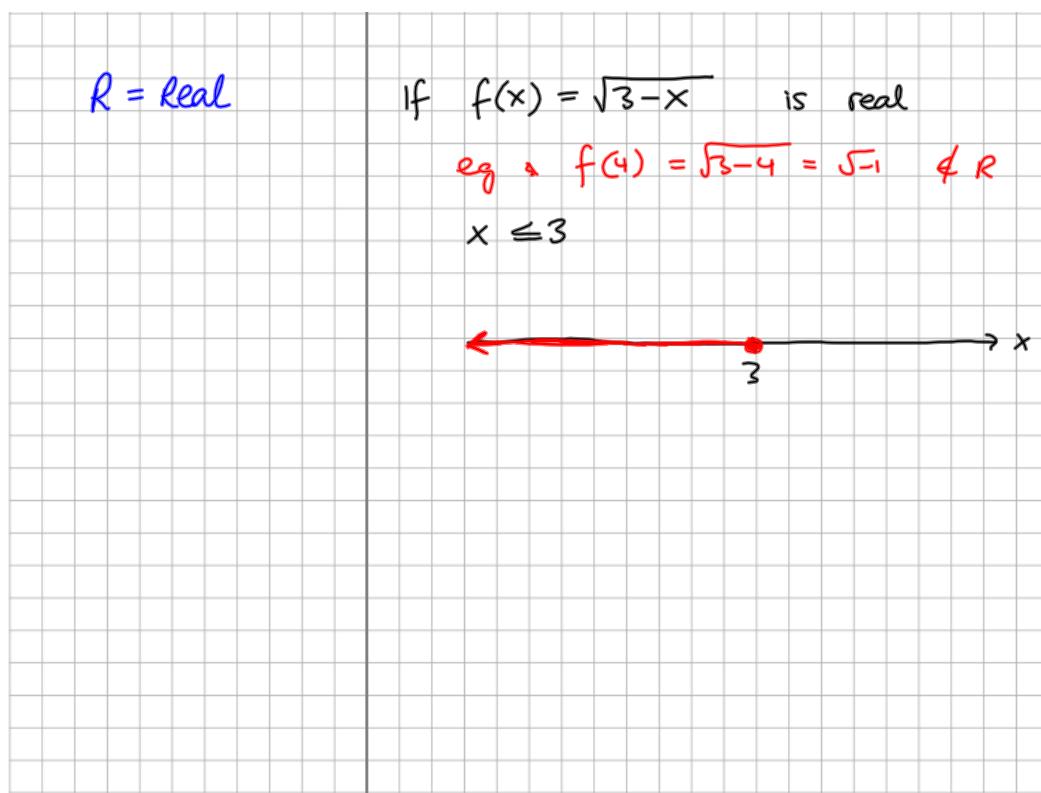


19. Let $f: A \rightarrow \mathbb{R}$, $f(x) = \sqrt{3-x}$.

If A is the set of all real values of x for which $f(x)$ is defined, find A .



20. Let $g: [b, 2] \rightarrow \mathbb{R}$ where $g(x) = 1 - x^2$.

If b is the smallest real value such that g has an inverse function, find b and $g^{-1}(x)$.

