

2 A function f is such that $f(x) = \sqrt{\left(\frac{x+3}{2}\right)} + 1$, for $x \geq -3$. Find

(i) $f^{-1}(x)$ in the form $ax^2 + bx + c$, where a , b and c are constants,

[3]

(ii) the domain of f^{-1} .

[1]