	$f: x \mapsto \frac{1}{x^2 - 9},$ $g: x \mapsto 2x - 3.$	
(i) Find and simplify	y an expression for $gg(x)$.	
(ii) Find an expressio	on for $f^{-1}(x)$ and state the domain of f^{-1} .	
(ii) Find an expressio	on for $f^{-1}(x)$ and state the domain of f^{-1} .	
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(iii)	Solve the equation $fg(x) = \frac{1}{7}$. [4]