The	function f is defined by $f(x) = 2x^2 - 16x + 23$ for $x < 3$.	
(a)	Express $f(x)$ in the form $2(x+a)^2 + b$.	[2
(b)	Find the range of f.	[1]
		••••••
		•••••
		•••••

.....

(c)	Find an expression for $f^{-1}(x)$.	[3]
The	e function g is defined by $g(x) = 2x + 4$ for $x < -1$.	
	Find and simplify an expression for $fg(x)$.	[2]
(u)	The the simplify the expression for $fg(x)$.	[2]