9	You are given that	
	$f(x) = 2x + 3 \qquad \text{for } x < 0 \text{and} $	
	$g(x) = x^2 - 2x + 1$ for $x > 1$.	
	(a) Find $gf(x)$, stating the domain.	[3]
	(b) State the range of $gf(x)$.	[1]
	(c) Find $(gf)^{-1}(x)$.	[5]