2	The function $I(x) = \sqrt{x}$ is defined on the domain $x \neq 0$.	
	The function $g(x) = 25 - x^2$ is defined on the domain \mathbb{R} .	
	(a) Write down an expression for $fg(x)$.	[1]
	(b) (i) Find the domain of $fg(x)$.	[3]

(ii) Find the range of fg(x).