y	Functions f and g are defined by		
		$f(x) = x + \frac{1}{x}  \text{for } x > 0,$	
		$g(x) = ax + 1  \text{for } x \in \mathbb{R},$	
	whe	here $a$ is a constant.	
	(a)	Find an expression for $gf(x)$ .	[1]
	<b>(b)</b>	Given that $gf(2) = 11$ , find the value of $a$ .	[2]
			•••••
	(c)	Given that the graph of $y = f(x)$ has a minimum point when $x = 1$ , explain whether of an inverse.	or not f has [1]

It is given instead that a = 5. (d) Find and simplify an expression for  $g^{-1}f(x)$ . [3] (e) Explain why the composite function fg cannot be formed. [1] .....