9	Here is a number machine.	
	input \longrightarrow \times 2 \longrightarrow output	
	(a) Work out the output when the input is 13	
		(1)
	(b) Work out the input when the output is 28	
		(2)
	(c) Show that there is a number for which the output is the same as the input.	
		(2)
(Total for Question 9 is 5 mar		5 marks)