2	(a)		en that $a$ and $b$ are real numbers, find a counterexample to disprove the statement that, $b$ , then $a^2 > b^2$ .	[1]
	(b)	A st	udent writes the statement that $\sin x^{\circ} = 0.5 \iff x^{\circ} = 30^{\circ}$ .	
		(i)	Explain why this statement is incorrect.	[1]
		(ii)	Write a corrected version of this statement.	[1]
	(c)	Pro	ve that the sum of four consecutive multiples of 4 is always a multiple of 8.	[3]