Question			Answer	Marks	AO	Guidance	
3			For example, let $x = \pi + 4, y = -\pi + 4$	**M1**	**2.1**	Choosing *x* and *y* such that **both** are irrational	May not see $x =, y =$
			$x + y = (\pi + 4) + (-\pi + 4) = 8$ which is rational (and hence the statement is disproved)	**A1**	**2.2a**	*x* and *y* chosen so that *x* + *y* is rational. Must comment that answer is rational (oe) (and therefore the statement is disproved.)	
				[2]			