٥.	(a) If m and n are irrational numbers, where $m \neq n$, then mn is also irrational.	
	Disprove this statement by means of a counter example.	(2)
	(b) (i) Sketch the graph of $y = x + 3$	
	(ii) Explain why $ x + 3 \ge x + 3 $ for all real values of x.	

(a) "If m and n are irrational numbers, where $m \neq n$, then mn is also irrational"