Critic	عداد	لحند			there														
Critical points occur when:																			
 f'(x) = 0 or f'(x) does not exist f(x) exists (important!!!) 																			
• f(x)	exis	sts (i	mpo	rtan	t!!!)														
Rolle's Theorem																			
If f is differentiable and continuous on (a,b) where $f(a) = f(b)$, then $f'(x) = 0$ for some $a \le x \le b$																			
Mean	Val	ue T	heo	<u>rem</u>															
If f is differentiable and continuous on [a,b], then there exists a c in (a,b) such that																			
			EU	η\ <u>-</u>	£1	a \													
(F'(د / ۶	FU	h -	<u>a</u>	<u>^</u>													