1. (5 points) (Definition) A function f is *continuous* at an interior point c of its domain if

	Solution: $\lim_{x \to c} f(x) = f(c).$							
2.	(5 points) (Intermediate Value Theorem) Let f be a							func-
	tion on the interval $[a, b]$. Let y_0 be any value between					and		
	Then there exists a c between		and		such that			

Solution: Let f be a continuous function on the interval [a, b]. Let y_0 be any value between f(a) and f(b). Then there exists a c between a and b such that $f(c) = y_0$.