1. (2 points each) Circle "True" or "I statement is <i>always</i> true. No explanat		of the following problems. Circle "True" only if the y.
(a) Every continuous function is differ	rentiable.	
	True	False
(b) If $f'(x) > 0$ for all x in the interval	al (a,b) , then f	f is increasing on the interval (a, b) .
	True	False
(c) By definition, the instantaneous ve	elocity is equal	to a difference quotient.
	True	False
(d) Every rational function has a vert	ical asymptote	s.
	True	False
(e) If a function is not continuous at a	a point, then it	is not defined at that point.
	True	False
(f) If a function f is decreasing on an	interval, then	f' is decreasing on that interval.
	True	False