(2 points each, no partial credit) For the following statements circle True or False. Circle True only if the statement is <i>always</i> true.		
(a) If y is differentiable for all x, then the value of $y'(x)$ is a unique number for each x.		
	True	False
(b) The only antiderivative of $\cos(x)$ is $\sin(x)$.		
	True	<u>False</u>
(c) For a continuous function f on the interval $a \le x \le b$, if the left-hand sum and the right-hand sum are equal for a given number of subdivisions, then they are equal to $\int_a^b f(x)dx$.		
	True	<u>False</u>
(d) For the continuous function f , if the units of t are seconds and the units of $f(t)$ are meters, then the units of $\int_0^1 f(t)dt$ are meter seconds.		
	<u>True</u>	False
(e) For any function f , if $\lim_{x\to 3^-} f(x) = a$ and $\lim_{x\to 3^+} f(x) = a$, then $f(3) = a$.		
	True	<u>False</u>

1.