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Name:		
1.	Give the <u>mathematical</u> definition for a function $f(x)$ to be continuous at $x = x_0$ . see notes or book for the definition.	
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2.	True or false: linear functions are continuous.  True. The graph is a straight line. Or, they are special instances of polynomials.	
3.	List at least three values of $t$ where $tan(t)$ is discontinuous. Why is it	
	discontinuous at these places?	
	$\tan(t)$ is discontinuous when $\cos(t)=0$ , which happens at infinitely many $t$ -values; any three will work. For example, $t=-\pi/2$ , $t=\pi/2$ , and $t=3\pi/2$ are all instances.	