EECS20n, Quiz 1 Solution, 9/16/02

The quiz is to provide feedback to you and to me about how well you've followed the material so far. It is primarily testing your familiarity with the notation. The quiz will take 15 minutes. Write your reponse on the sheet.

Please print your name and lab time here:

Last Name	First	Lab time	
Please indicate whether t please consider your ans		re true or false. There will be no	partial credit, so
1. For any set $X, X \in$ false	$\subseteq P(X)$, where $P(X)$ den	notes the power set of X .	
2. Consider a continu Reals].true	nous-time function x wher	$x \in \forall t \in Reals, x(t) = 2.$ Then	$\mathbf{n} \ x \in [\mathit{Reals} \ \rightarrow \ $
3. Let $x: Reals \rightarrow Re$ $x(n)$. Then $graph($ true		ls be functions such that $\forall n \in I$	Integers, y(n) =
4. There is a function true	$f \colon \{1,2\} \to \{a,b\}$ with g	$raph(f) = \{(1, a), (2, a)\}.$	
5. Given two function false	as $f: X \to Y$ and $g: X \to Y$	Y' , if $Y \subset Y'$ then $graph(f) \subset$	graph(g).