	Short Logic Quiz (3)	name:		
	[date]			
	max. 3 points			
a)	The rules ∃-Elim and ∀-Intro differ w boxed subproof. How? [1pt – all or nothing]	ith regard to what may be	written as the final line of the	
b)	The following (non-annotated) proof contains a very strange and illegitimate step. Which one is it and what is wrong with it? [1pt – all or nothing]			
	1. $\forall x(G(x) \rightarrow F(x))$ 2. $\forall x(F(x) \rightarrow H(x))$ 3. $a Ga$ 4. $Ga \rightarrow Fa$ 5. $Fa \rightarrow Ha$ 6. $\exists x(Fx \rightarrow Hx)$			
	Pick the right option [1pt – all or nothing] When opening a boxed subproof, one can introduce any name that picks out some object in the domain of discourse.			
	True False			
2.	From " $\neg$ (F(a) $\wedge$ F(b))" one can derive	rom "¬(F(a) $\land$ F(b))" one can derive, in a few simple steps: ∃x∃y[¬F(x) $\lor$ ¬ F(y)]		
	True False			
3.	-	One cannot do an existential elimination within a universal introduction. 2) One can do a iversal introduction within an existential elimination.		
	both true 1: true, but 2: false	1: false, but 2: true	both false	