	Short Logic Quiz (2)	name:
	[date]	
	max. 3 points	
a)	When are two or more open sentences logically equiva [1pt – all or nothing]	llent?
b)	EITHER Define what it is for a sentence of FOL to be a Figive an example of an argument that is logically valid, tautological consequence nor an FO-consequence of its [1pt – all or nothing]	out whose conclusion is neither a
c)	Pick the right option. [1pt – all or nothing]	
1.	" \forall x (Fx \rightarrow Gx)" \Leftrightarrow " \neg ∃x (Fx \lor Gx)"	
	True False	
2.	" $\neg \exists x \ (Fx \rightarrow Gx)$ " is ill-formed.	
	True False	
3.	The replacement method's main purpose is to reveal a hard to see. That fact is a) that a given argument is log is not an FO-consequence of a given set of premises.	•

___ a ___ b