Homework on §6.4—assigned Wed 10/24 and due Mon 10/29

Use derivations to show invalid and present a counterexample to an open gap (you may use either tables or diagrams to present the counterexample):

$$Rab \rightarrow R(fa)a, \ fa = c, \ Raa \land Rab \vDash fb = c \rightarrow R(fb)b$$