Homework on §7.7—assigned Mon 11/14 and due Wed 11/16

(i) use a derivation to check the following and present a counterexample by using a diagram to describe a structure that divides an open gap:

$$\forall x\ (Rax \rightarrow Fx),\ Raa \vDash \forall x\ (Rxa \rightarrow Fx)$$

(ii) analyze and restate using unrestricted quantifiers:

No one who attempts everything finishes anything

(iii) synthesize an English sentence that has the following analysis:

$$(\forall x: Bx)\ \neg\ (\forall y: Py)\ Rxy$$

(B: [_ is a book]; P: [_ is a person]; R: [_ has been read by _])