8.3.s. Summary

When the word *else* appears as a modifier in a quantifier phrase, it is used to restrict the domain by excluding some previously mentioned object. An existential quantifier phrase modified by it thus claims the existence of a new example.

The same sort of restriction can be used to express a variety of numerical quantifier phrases . For example, *at least 2 things* amounts to *something and something else*, and *at least 3 things* amounts to *something and something else and something other than those two*. Still other numerical claims can be reached by truth-functional compounding—*at most n* by denying *at least* n+1 and *exactly n* by conjoining claims stated with *at least n* and *at most n*.

It is also possible to express *Exactly 1 thing is such that (... it ...)* by *Something is such that (... it ... and nothing else does)* or—equivalently, in a way that illustrates, among other things, a principle of contraposition)—by *Something is such that (... it ... and it is all that does)*.