

5.2.x. Exercise questions

- Analyze each of the following sentences in as much detail as possible.
 - Tom was late unless he left early.*
 - You'll get a good picture only if you take the cap off the lens.*
 - Neither Ann nor Bill knew of it unless they both did.*
 - The bill will pass if the chairman supports it—unless public opinion runs heavily against it.*
 - Unless Ed is late, we'll get started on time and finish early if there isn't a lot of business.*
 - If Bob was under no obligation to help, he worked only if he was in a good mood and had nothing to do.*
- Synthesize idiomatic English sentences that express the propositions associated with the logical forms below by the intensional interpretations that follow them. These repeat **3 a**, **c**, and **d** of 5.1.x. This time, you should look for ways of stating sentences using *only if* and *unless*.
 - $\neg S \rightarrow \neg B$
S: *I'll see it*; B: *I'll believe it*
 - $\neg W \leftarrow \neg (P \wedge \neg B)$
W: *the set works*; P: *the set is plugged in*; B: *the set is broken*
 - $\neg (A \vee B) \rightarrow (G \leftarrow \neg (C \vee D))$
A: *Adams will back out*; B: *Brown will back out*; G: *the deal will go through*; C: *Collins will have trouble with financing*; D: *Davis will have trouble with financing*