

Ex 7.1 Give all possible LFs for the following sentence (up to renaming of variables):

Paul believes that Armin is a bachelor.

Say that two LFs φ and χ are equivalent, if from φ we can deduce χ and conversely. Say which LFs are equivalent to which others.

Ex 7.2 Give the LFs and phrase structures for the following sentences (do not generate all QRs, but concentrate on different interpretation of tenses instead):

Paul will know that Pedro has owned a donkey.

Paul did not believe that Caesar has crossed the Rubicon.

Ex 7.3 Generate the possible temporal readings for the following sentences. As in the previous exercise, concentrate on the variation in interpretation for the tenses and do only the variant of QR where **the documents** is not raised outside of the subordinate clause.

The attorney denied that the document is forged.

The attorney denied that the document was forged.

The attorney denied that the document had been forged.

Which of the readings implies that the document (a) exists at utterance time (u), (b) at embedded utterance time (when the attorney is uttering the denial)?