

3.3.1. Translation Problems: Translation Tables

A. Explain the **mistake** made in each of the following **translation tables**.

1.

P: Rex and Ace will have a drink

2.

P: Ace will have a drink

Q: Rex will have a drink

R: Ace will have a drink

3.

P: Rex will not have a drink

4.

English sentence:

Either it's raining or it's sunny

Translation Table:

P: It's raining

Formal Translation:

$(P \vee \sim P)$

B. Translate each of the following English sentences into the formal language, by first building a **translation table**.

1. Either Ace committed the crime or Rex did.
2. Kitty is joining the billiards club and Barbie isn't.
3. Either Nick has a pocket flask or Nora has one.
4. Elvis is leaving Las Vegas and he's not coming back.