

2.2.1. Translation Problems

A. Using the translation key given below, **translate** each of the following English sentences into the formal language.

Translation Key:

P: Rex is tired **R:** Neko's hungry
Q: Jack's bored

1. Neko's hungry **and** Jack's **not** bored.
2. **Either** Rex is **not** tired **or** Jack's bored.
3. Neko's **not** hungry **and** Rex is **not** tired.

B. Using the translation key given, **translate** each of the following English arguments into the formal language.

Translation Key:

P: We're having truffles	S: Kitty's getting French tips
Q: We're having grog	T: Dr. Slim's getting a massage
R: We're having absinthe	U: Trixie's getting microblading

(1)

1. **Either** we're **not** having grog, **or** we're having absinthe.
2. We're having truffles **and** we're having grog.

∴ We're having absinthe.

(2)

1. **Either** Trixie's getting microblading **or** Dr. Slim's getting a massage.
2. Kitty's **not** getting French tips **and** Dr. Slim's **not** getting a massage.

∴ Trixie's getting microblading.