

Problem Set 01: PL Translations (Answers)

1. Translate the following into PL. Provide a glossary for your translation.

(a) Either Catalina is bemingling or Wanita is not overreacting

(b) Answer:

A: Catalina is bemingling

B: Wanita is overreacting

$$(A \vee \neg B)$$

2. Translate the following into PL. Provide a glossary for your translation.

(a) If Chung is not disadvancing then it is not the case that Reena is reminding or gluttonizing

(b) Answer:

A: Chung is disadvancing

B: Reena is reminding

C: Reena is gluttonizing

$$(\neg A \rightarrow \neg(B \vee C))$$