

## Summary: The Formal Language (*First Draft*)

- **Subject matter sentences** are translated by **sentence letters**: capital letters “P” through “Z” (with or without numerical subscripts).
- “**Not**” is translated by the **tilde**:  $\sim$  .
- “**And**” is translated by the **wedge**:  $\wedge$  .
- “**Either... or**” is translated by the **vel**:  $\vee$  .

Examples:

**P**: We’re having truffles

**Q**: We’re having grog

We’re not having truffles:  $\sim \mathbf{P}$

We’re having truffles and we’re having grog:  $(\mathbf{P} \wedge \mathbf{Q})$

Either we’re having truffles or we’re having grog:  $(\mathbf{P} \vee \mathbf{Q})$