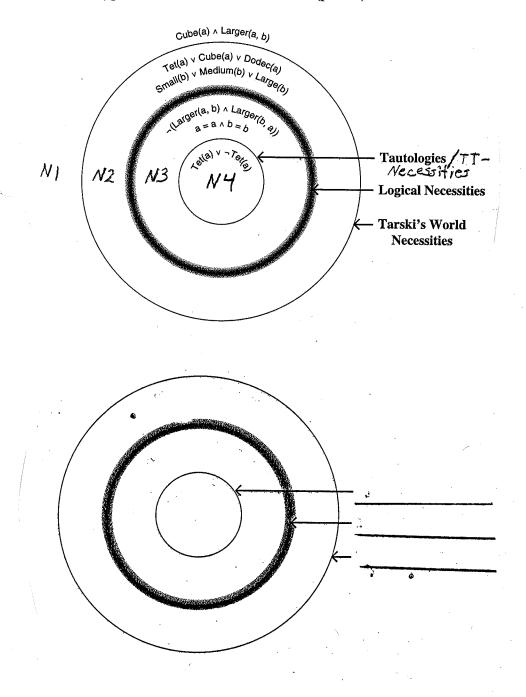
## All Kinds of Necessity, Possibility, Impossibility, Equivalence, and Consequences

Types of Necessities of Sentences (p. 102)



TT-possibilities Logical possibilities TW-possibilities

TT-impossibilities TW-impossibilities

TT-equivalences TW-equivalences

TT-consequences Logical impossibilities Logical equivalences Logical consequences TW-consequences

- P and Q are \* equivalent if it's \* impossible for them to have different truth-values
- P and Q are \* equivalent if it's \* necessary that they have the same truth-value
- A conclusion is a \* consequence of some premises if it's \* impossible for those premises to all be true while the conclusion is false