Worksheet Exercise 2.6.B.	Name _____
Truth-tables for Sentence Status	Class _____ Date _____

Part B. Use complete truth-tables to determine the logical status of the following sentence forms. Be sure to label the columns as "main sent," or "aux." Use the space on these two pages efficiently.

1. p V ~p
2. ~(p & q) V p
3. ~p V (p & q)
4. (p & q) & ~p
5. p ⊃ (q ⊃ q)
6. (p ⊃ p) ⊃ (q & ~q)
7. (p & q) V (~p & ~q)
8. (p V q) V (p V ~q)
9. (p & q) & (p & ~q)
10. (p & q) ⊃ q
11. (p ≡ q) ≡ (~p ≡ ~q)
12. [p & (~p V q)] ⊃ (q V r)
13. ((p ⊃ q) & (r ⊃ q)) V (p V r)
14. ((p ⊃ q) & (q ⊃ r)) & (p & (r ⊃ ~p))

Ex. 2. 6. B. Name _____ / _____