

MAE 106: ASSIGNMENT 1

Quiz: 16 September 2016.

- (1) Memorize the following definitions:
 - (a) Proposition (Definition 1.2.1)
 - (b) Prime Proposition (Definition 1.2.3)
 - (c) Compound Proposition (Definition 1.2.5)
 - (d) Paradox (Definition 1.2.7).
- (2) Know the truth tables for
 - (a) negation $\neg$
 - (b) conjunction $\wedge$
 - (c) disjunction $\vee$
 - (d) exclusive disjunction $\underline{\vee}$
 - (e) implication $\rightarrow$.
- (3) Complete the following exercises in Kohar.
 - (a) 1.2.3, 1.2.4, 1.2.5
 - (b) 1.3.1, 1.3.2, 1.3.5, 1.3.6, 1.3.10, 1.3.11