

Homework: Week 1, Class #1
Discrete Mathematics (Course Number: MTH-129-51)
Prof. G. Safko
Due: Class #2

Page 15: #7, 8
Page 16: #46
Page 27: #11
Page 41: #4, 5

In addition:

1) State the contrapositive of:

$$a \rightarrow \sim b \wedge (c \vee \sim d)$$

(Hint: Use DeMorgan's Law)

2) Prove the absorption laws on page 14 (#10) using truth tables

$$p \vee (p \wedge q) \equiv p$$

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