

Due on: Thursday, September 17, 2009 before the class.

(Logic)

Name _____

Score: _____

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1. Print a copy of this sheet and include it as a cover page for the hw.
 2. Do the following exercises from Section 1.2. in the text (6th edition), pages 26-27.
6,
8,

In the following proofs use logical equivalence approach and confirm the results using the truth table approach:

- 14,
16,
20

Note: the bi-conditional can be rewritten as the conjunction of two implications (table 7 in the book) and the exclusive-or as the disjunction of two conjunctions.

40.

3. Do the following exercises from section 1.3 (6th edition),.
2,
4,
6,
8,
10,
12,
16,
24,
36