Math 105—HW 2 Rubric

Greg Knapp

July 26, 2019

The homework consisted of the following problems

- Section 1.3 (1–5, 14, 17, 41, 42, 73)

- Section 1.4 (5, 6, 11, 12, 30, 31, 34, 35, 39, 41)

<u>Section 1.3</u>

2–5, 14. 5 points each. 1 point for effort, 4 points for the remainder of the truth table (4 points for a perfect table, 3 points for mostly correct, 2 for somewhat correct, 1 for a major mistake, 0 for no understanding). Grade based on above here. By this, I mean that if they make a mistake in an earlier column and it carries over into later colums, the later columns shouldn't be counted as incorrect.

42. 8 points. 2 points for effort. 2 points for labeling what their symbols stand for (e.g. "p : it is raining"). Note: letters should stand for a complete statement, not just a fragment (e.g. "p : it is raining" is good and worth 2 points whereas "p : raining" is not good and worth 1 point). 2 points for a correct truth table. 2 points for correctly identifying if the statements are equivalent.

73. 4 points. 1 point for effort, 1 point for using complete sentences, 2 points for a correct answer.

<u>Section 1.4</u>

6. 4 points. 1 point for effort, 1 point for each part of the problem. Don't deduct points if they switch the inverse and converse (I got mixed up in class and I told them that I wouldn't dock points for switching the two.)

12. 3 points. 1 point for effort, 1 point for each part.

30. 8 points. 2 points for effort. 2 points for labeling what their symbols stand for. 2 points for a correct truth table. 2 points for correctly identifying if the statements are equivalent.