

## Assignment #1

### Informal Statement Calculus

Exercises, pg. 15:

9. (a) (**Hint:** You can't use truth tables here. Construct a *reductio ad absurdum* proof.)
11. (a)

Exercises, pg. 18:

12. (b), (c)
13. (b), (c)

Exercises, pg. 22:

17. (a)
- 18.

Exercises, pg. 25

20. (a)
- 21.