

# Lab 8: Simplifying Boolean Formulas

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Due Monday, August 17 at 11:59 PM

## Goals for This Lab

By the time you have completed this work, you should be able to:

- Simplify Boolean formulas using Boolean algebra
- Simplify Boolean formulas using Karnaugh maps

**Provided files:**

- [lab8problems.txt](#)
- [collaborators.txt](#)

## Step 1: Edit the [lab8problems.txt](#) File

Using a text editor of your choice, open the [lab8problems.txt](#) file. The file contains a series of questions for you to answer. The answers should be placed directly in the file itself, except where noted. All questions must be answered correctly for full credit. Make sure you save your answers before you exit.

## Step 2: Turn in Your Answers Using [Canvas](#)

Log into [Canvas](#), and go to the COMP 122L class. Click “Assignments” on the left pane, then click “Lab 8”. From here, you can submit the following files:

- lab8problems.txt
- collaborators.txt, if you're working with anyone else. Each person you're working with should be listed in the file, with one person per line.

You can turn in the assignment multiple times, but only the last version you submitted will be graded.