MATH 250   **Name:**
Homework 0, Fall 2023

I have neither given nor received unauthorized assistance on this assignment.

Homework 0 has questions 1 through 3 with a total of 15 points. Edit this file and append you answers using LaTeX. Be sure to fill in your name. Upload the converted pdf of your work to Canvas. This assignment is due *Saturday 28 January at 11:59* P M. For this assignment, *neatly handwrite* your work, digitize it, and upload it to Canvas.

5   1. Give three examples that differ from those given in class or the book of sentences that are propositions.

5   2. Explain why the sentence "Larry likes lemon chicken" is not a proposition.

5   3. Complete the truth table for $P \wedge Q \equiv \neg P \wedge \neg Q$

P	Q	$\neg P$	$\neg Q$	$P \wedge Q$	$\neg P \wedge \neg Q$	$P \wedge Q \equiv \neg P \wedge \neg Q$
T	T	F	F	T	F	T
T	F					
F	T					
F	F					

Solution: yyy