## MATH 212 HOMEWORK 5

Your name goes here

Due March 27, 2019

## List of collaborators:

**Theorem M.** Let S and T be subsets of a universal set U. Then  $(S \cup T)^c = S^c \cap T^c$ .

Proof.

Theorem N. Let S, T, and U be sets. Then  $S \setminus (T \cup U) = (S \setminus T) \cap (S \setminus U)$ .

Proof.

Theorem O. Let S and T be subsets of a universal set U. Then  $S \setminus (S \setminus T) = S \cap T$ .

Proof.