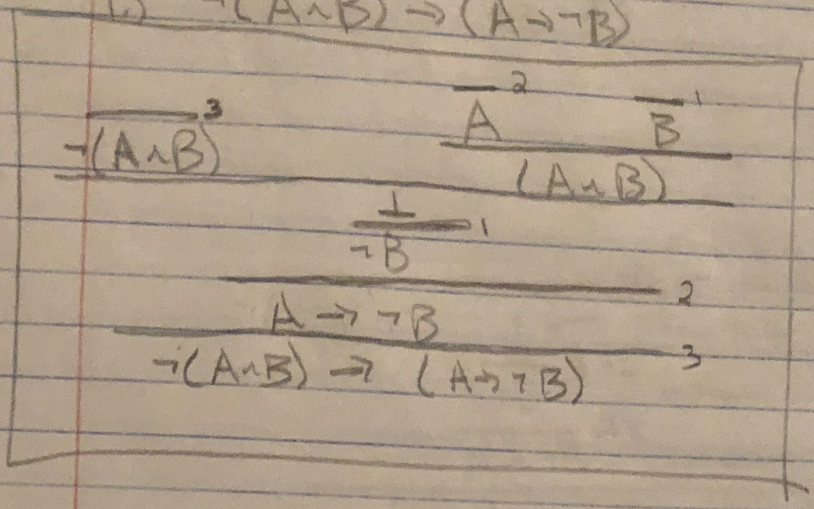
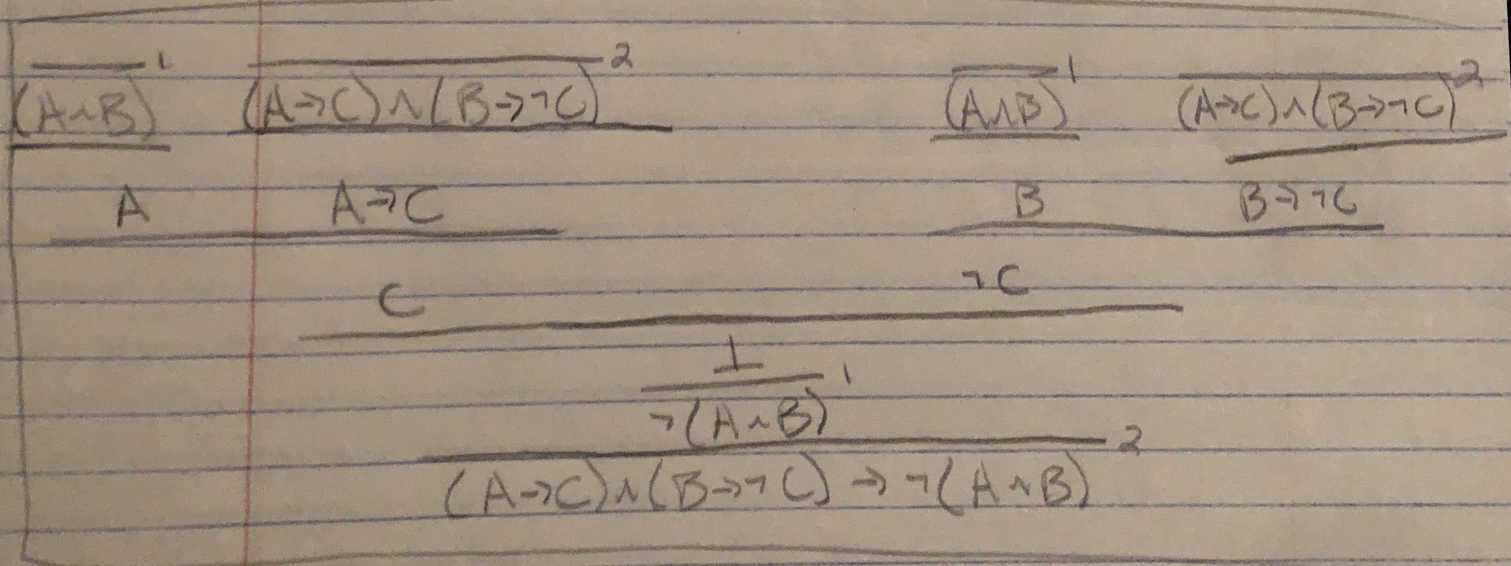
Math Logic Assignment #1

Dan Faulkner

1) $\neg(A \wedge B) \rightarrow (A \rightarrow \neg B)$




2) $(A \rightarrow C) \wedge (B \rightarrow \neg C) \rightarrow \neg(A \wedge B)$



3.) $(A \wedge B) \to ((A \to C) \to \neg(B \to \neg C))$