## Homework for Philosophy 270, Fall 2009

## Homework on §3.4—assigned Fri 9/25 and due Mon 9/28

Use a derivation to show the following argument is not formally valid and present a counterexample that divides a dead-end gap:

$$\begin{array}{c}
\neg ((A \land B) \land \neg C) \\
\hline
\neg C \\
\hline
\neg A
\end{array}$$