

Math 2283 - Introduction to Logic

Quiz #7 - 2006.09.29

Name: _____

Show that the following pairs of Sentential wffs are equivalent.

1. $(P \Rightarrow Q)$ and $(\neg Q \Rightarrow \neg P)$

2. $((P \Rightarrow Q) \wedge (P \Rightarrow \neg Q))$ and $\neg P$

3. $(P \Leftrightarrow Q)$ and $((\neg P \wedge \neg Q) \vee (P \vee Q))$