

Math 2283 - Introduction to Logic

Quiz #8 - 2006.10.06

Name: _____

Determine if the following Sentential argument is valid by constructing a truth table.

$$((P \wedge Q) \Rightarrow R)$$

$$((Q \vee R) \Rightarrow S)$$

$$((S \vee R) \Leftrightarrow (Q \wedge S))$$

$$\therefore ((P \Rightarrow R) \vee (S \Rightarrow Q))$$