

Math 099 - ICA 3

Truth Tables

Name _____

Show all of your work to receive full credit. This quiz will be due in your D2L assignment folder by Saturday at 11:59pm. Late quizzes will not be accepted.

1. (3pts) Let $p = \text{My jacket is warm}$ and $q = \text{My jacket is light}$. Write the following using symbols.

(a) My jacket is warm and light.

(b) My jacket is warm and not light.

(c) My jacket is not warm or not light.

2. (3pts) Draw a truth table from start to finish for $p \vee \sim q$.

3. (4pts) Draw a truth table from start to finish for $p \rightarrow (p \wedge q)$.