

Math 2283 - Introduction to Logic

Quiz #3 - 2015.08.31

Name: _____

1. If a sentential function contains n variables, how many rows will appear in the corresponding truth table?

2. Determine which values satisfy the following sentential function:

$$\mathbf{E}_x y = x^2 - 4$$

3. Formulate the following sentential functions in symbolic logic:

(a) *If not p , then q or p , and q .*

(b) *If not p , then q , or p and q .*