

Math 270 - Basic Discrete Mathematics
Practice Quiz on Section 2.2

Directions: Answer the problems given below.

1. Construct a truth table for the statement form $((\sim p) \wedge q) \rightarrow r$.

2. Write contrapositives for the following statements. (You may assume the variables have fixed values, so these are statements.)

a. If n is divisible by 12, then n is divisible by 3 and n is even.

b. If S is a square, then S is a rectangle.

3. Write a negation for the statement given in 2.a. above.