

Math 301**Quiz 1**

Justify all answers with neat and organized work. Clearly indicate your answers.
10 points possible.

1. (4 pts.) Use De Morgan's laws to write the negation of the following statement:

Hal is a math major and Hal's sister is a computer science major.

2. (6 pts.) Write the truth table for this statement form.

$$\sim(p \vee \sim q) \vee (\sim p \wedge \sim q)$$