

Quiz 1 (8 POINTS TOTAL)

MATH 017, SPRING 2016

NAME:

SECTION:

Problem 1 Which of the following is the negation of " $x \leq 3$ "?

- (a) $x < 3$
- (b) $x = 3$
- (c) $x \geq 3$
- (d) $x > 3$

Problem 2 Which of the following is *not* a statement?

- (a) If you're ready to leave, you can take the bus.
- (b) $4 \leq 0$.
- (c) Jane's car is green.
- (d) Put your notebooks under your desk.

Problem 3 Given that p is false and q is true, which of the following is false?

- (a) $p \vee q$
- (b) $\sim p \wedge q$
- (c) $p \vee \sim q$
- (d) $p \vee (q \vee \sim q)$

Problem 4 How many **rows** are there in the truth table of the following compound statement?

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

(a) 1

(b) 2

(c) 4

(d) 8

Feedback:

1. Any comments (on lectures, homework, quizzes, course, me, etc.)?