MATH 2602 K1-K3, Quiz 1, Jan 15

SHOW ALL YOUR WORK TO RECEIVE FULL CREDIT!

Name:_____

Problem 1 : Is it possible for both implication $(p \to q)$ and its converse $(q \to p)$ to be false? Explain your answer.

Problem 2: Prove that if $x^2 + y^2 = 4$ then $x \leq 2$.