

MATH 330-05 Quiz 1 Your name _____

Show all answers and work on this paper. Show all the work necessary to solve the problem.
(That could be zero work.)

(1) (2 points) What is my name? _____

(2) (9 points) Explain how an axiom, a definition, and a theorem are different.

(3) (10 points) Let $x, y \in \mathbb{Z}$. How is $x|y$ related to x/y ? How is $x|y$ related to y/x ?