Math 2283 - Introduction to Logic
Quiz #12 - 2013.10.09

Name: _____

Let $\bigvee$ be the set of all positive integers (thus zero is not included). Consider the relation CF, where

$$x \operatorname{CF} y \longleftrightarrow \ x \text{ has at least one common factor with } y.$$

Determine which of the properties: reflexive, irreflexive, transitive, connected, symmetric and asymmetrical, the relation CF has.