Theorems

Thm. If d is a factor of n, $n \neq 0$ and $d \neq 0$, then n/d is a factor of n.

Thm. If n is a composite, then n has a prime factor p such that $p^2 \leq n$

Thm. If $n \in J$ and $n > 1$ such that n is not divisible by any prime p, where $p^2 \leq n$, then n is prime.

Is 109 prime?

Is 397 prime?