

Fortunado's Problem or the X^n Conjecture and the Writing Notation (W)

Ismael Tabuñar Fortunado

University of Santo Tomas, Philippines

smile.macky.fortunado[at]gmail.com/smile.macky[at]yahoo.com

Abstract:

Statement of the Problem

Show that X^n is not equal to the written Xn . Also have an analysis to the closest $X^n \neq W(Xn)$.

$X=1$ and $n=.0\infty 1$ is believed to be the closest. But what other relative analysis is there?

W is the writing notation.

Let X be any number.

Let n be any number.

Examples,

$$0^1 \neq 01$$

$$1^1 \neq 11$$

$$1^{.5} \neq 1.5$$

Also prove at what values of X and n will there be counterexamples.

Keywords:

Conjecture

Notation

Number

Number Theory

Problem