

THE MOST UNSOLVED PROBLEMS OF THE WORLD ON THE SAME SUBJECT

are related to the *Smarandache Function* in the Analytic Number Theory:

$S : \mathbb{Z}^* \rightarrow \mathbb{N}$, $S(n)$ is defined as the smallest integer such that $S(n)!$ is divisible by n .

The number of these unsolved problems concerning the function is equal to ... an infinity !! Therefore, they will never be all solved!

[See: Florentin Smarandache, "An Infinity of Unsolved Problems concerning a Function in the Number Theory", in the <Proceedings of the International Congress of Mathematicians>, Berkeley, California, USA, 1986]