Alexander Alestra

CISP 400 – TTH 10:30 am

Project 1

September 5, 2019

Mersenne Primes

Why are the largest known prime numbers Mersenne primes?

Mersenne primes are the largest primes because of the nature of the formula. M = 2^p – 1, Logically would make most of their larger numbers prime since you are finding the base two of a given number but subtracting one. Doing this you have a known nonprime but slowly subtract one from each of them. Going through all the possible answers you are bound to find a large enough prime that will surpass the previous one.