Prime Sum

Prime Sum is solvable in approximately $O(n \cdot \frac{\max a_i}{\ln \max a_i})$.

This is about $n \cdot \frac{\max a_i}{\ln \max a_i} = 5.87 \cdot 10^7$ operations.

First, since we are dealing with primes, it might seem helpful to calculate all possible primes we can add to (all possible results of $a_i + a_j$). We can do this with the famous...

▶ Think