~~i = 6k + 1~~

~~1000 = 6k + 1~~ ~~k = 1000 - 1 / 6~~

~~500 1000 = 6k / 6~~

~~250~~ ~~2~~ ~~2~~

~~i - 1 / 6~~

0 1 | 2 3 → even no

No | Yes multiples of 3 no

so 4, 6, 8, 10 etc we dealt with 5 left

Re. All primes > 3 is in the form

$6k \pm 1$ for any $\forall k, k \in \mathbb{Z}$

6: − 17, + 19 | 12: − 11, + 13 | 18: − 17, + 19 | 24: − 23, + 25

30: − 29, + 31

Doesn't work for big numbers

kinda useless

let i = 6

while $i - 1 \leq \sqrt{n}$

  if n mod $(i-1) == 0$ or n mod $(i+1) == 0$

    ↳ False

  i += 6

Return true