Time factorization of nonthere

$$4 \text{ divisors} \rightarrow (2+1)(1+1) \\
= 3 \times 2 \\
= 6$$

$$18 = 2 \times 3^2 = 2 \times 3$$

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$$18 = 2 \times 3^2 = 2 \times 3$$

$$18 = 2 \times 3^2 = 2 \times 3$$

$$18 = 3 \times 13$$

$$18 = 3$$

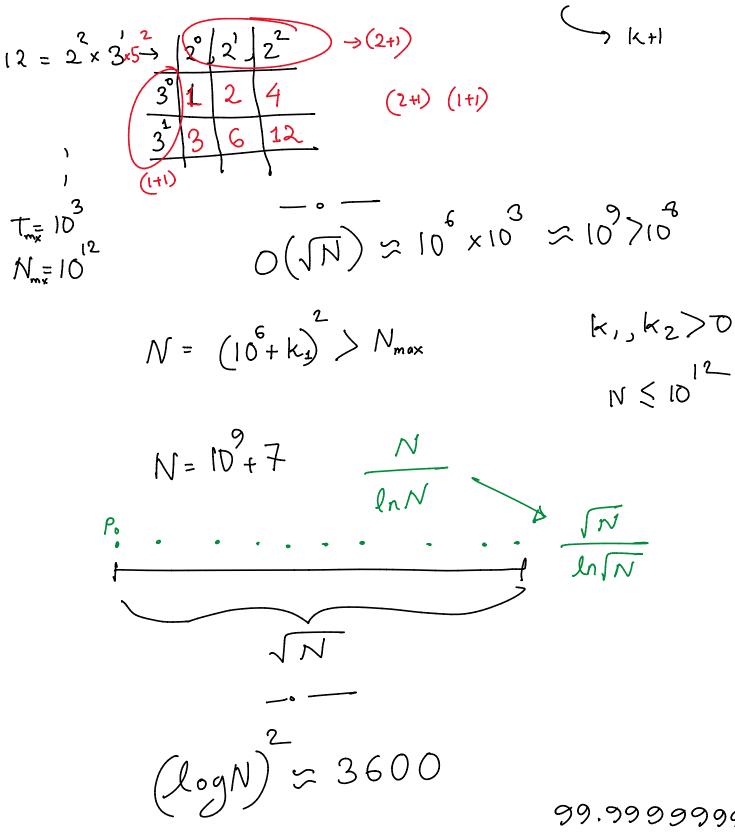
$$N = 2 \times 3 \times 7$$

$$N = 2 \times 3 \times 7$$

$$\left(\frac{2^{4}-1}{2-1}\right) \times \left(\frac{3-1}{3-1}\right) \times \left(\frac{7-1}{7-1}\right)$$

$$\sum_{i=1}^{3} \alpha_{i} \alpha_{i$$

N=PK



Miller-Rabin -> Large Number Primality Testing
Polland-Rho -> Large Number Divisor Kinding

Modular Arithmetic

$$\Rightarrow (12+17)\%5 \rightarrow 4$$

$$(2+2)\%5 \rightarrow 4$$

$$(17)-13)\%5 \longrightarrow 4$$

$$(2-3+5)\%5 \rightarrow ($$

$$(2\times2)\%5\rightarrow4$$

Modulo value $\rightarrow (4 + 5k) \% 5 = 4$ -6. -1.49 11.17