terra - 43 3. Ar. ca daca 2"-1 exe prim, at. n exe prim PPRA n mu este prim => $34, \ell \in \mathbb{Z}$ $\geq 20.6 n = 4\ell$ $2^{n+1} = 2^{k\ell} - 1 = (2^{k} - 1)$ =) PP este lacro =) NEP =>2m-16P 3. Verificati belasind celogarit mul lui Salarvay - Strassen Laca numarul 603 9 3 7 De prim San compays / cel mult 3 martori)

le 2 = le 24968 / h

(mad 49937) • $l_{1}=2 \Rightarrow 2$ 49937 49937 =(-1) 8 =(-1)24968 = 1 (mod 49937) The state of the s $\frac{3/21}{2.56} = \frac{256 \cdot 256}{2.56} = \frac{256 \cdot 65536}{2.56} = \frac{786}{2.56} = \frac{78$