2722 Groups: Grouf Profesties and Tricks: of the group. If a c 1, o (mod b) = a (Sine a, b $\in \mathbb{Z}^{+}$) Num Theorey - 4: -Cyclic Groups: 25 = { 1, 2, 3, 4} Since,

25 = { 1, 2, 3, 4} Since,

27 iga Cyclic Growf when
27 iga Prime number. The $25 = \{0, 1, 2, 3, 4\}$ Since, $2p = \{0, 1, \dots, P-1\}$. Discrete Logwithing: $h = g^{2} \pmod{p}$ $\left(x = \log_{g} h(mof)\right); 2 \in \{0, \dots, l-1\}$

