Multiplying Lange Integers Problems
Tende loredone Luoplewa
The positional arms
for performing million system is not convenient
The positional numeral system is not convenient for performing multiplication of large integers.
The generalize formula is:-
$C = C_2 10^0 + C_1 10^{0/2} + C_0$
$C_1 C_1 C_0 + C_0$
where nig the as a li
where n is the no. of digits in the integer
$C_2 = \alpha_1 * \beta_1$
Co = Qo * bo
$C_1 = (a_1 + a_0) * (b_1 + b_0) - (c_2 + c_0)$
2 2 2
The two digit no. are
$Q = Q_1 Q_0$
$\rho = \rho \tau \rho \circ$
Example
Input no. 12 and 20
;. a = 12
b = 20
Libora Ol -1
where a1=1 a0=2

b1=2, p0=0

Now, find Cz, Cz, Co