

assume $p \circ x \equiv p \circ y \mod(q)$ then pox = poy = v mod (q) $0 \le V < 9$ uleve ten we can clain pook = N, q + r and poy = N29+V $\rho(x+y) \equiv 0 \mod(v)$ since p and of one copyine, this above relation can be true only if x-y = cov where c is some integer . But we hobice that 0 < x < 9 - 1 and 0 < y & 9 - 1 $\chi = y \mod(\alpha)$











