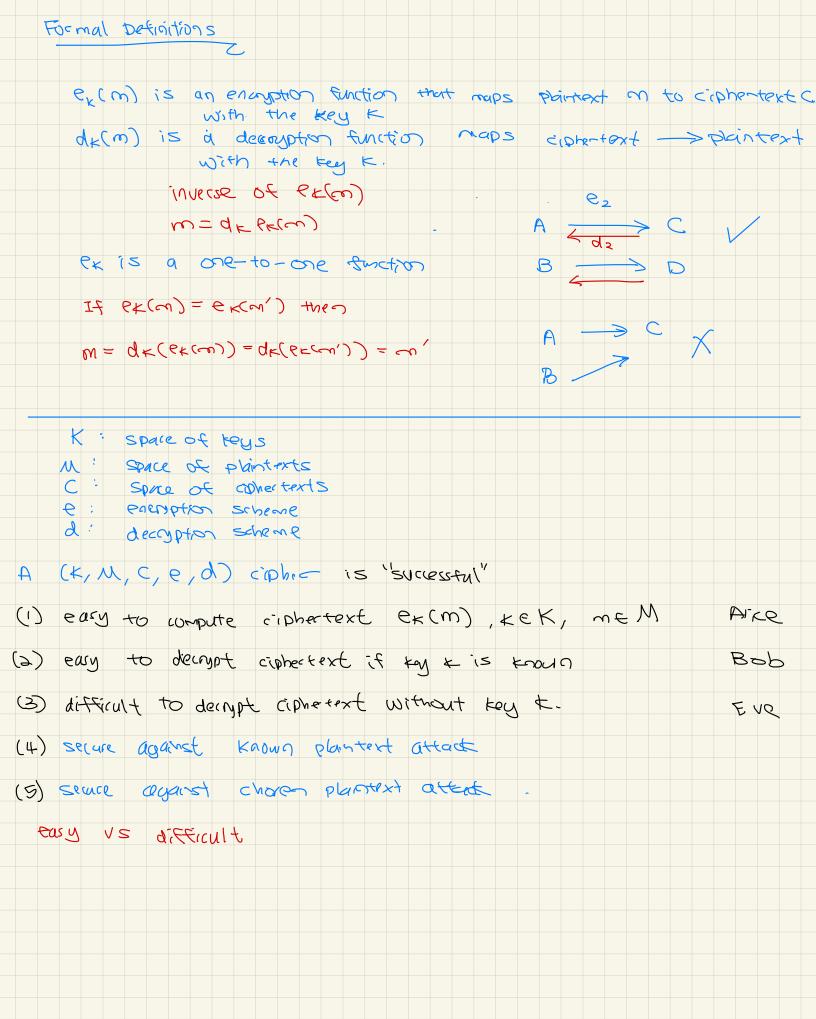
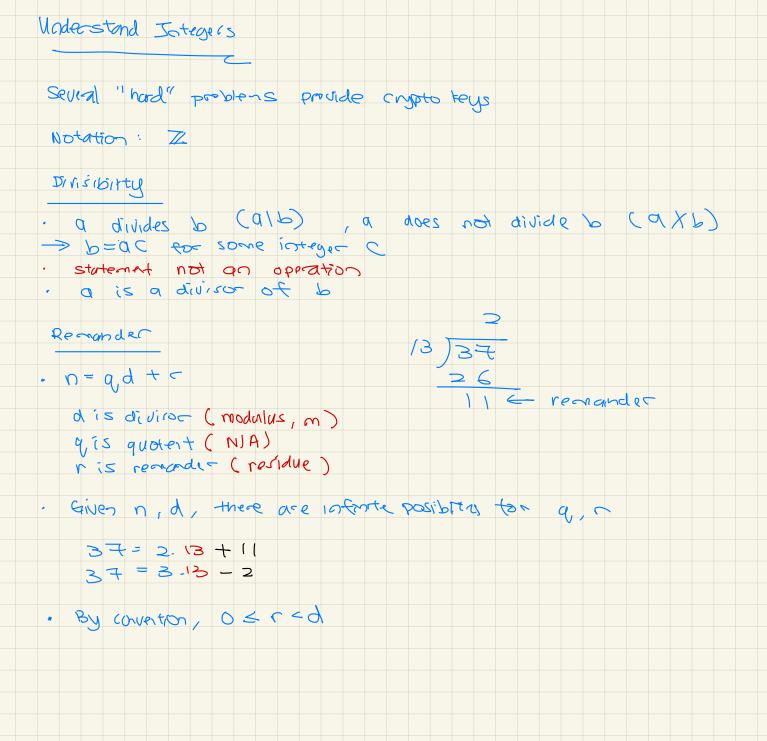


Crytoralysis: Brute Force attack

Try all possible key 3 26





Modular Arthmetic modulas $a,b \in \mathbb{Z}, m \in \mathbb{Z}$ (a congruent to b modulo on) d-p/m/2i Example: 17=7 mod 5 (5/17-7) 19 \$ 6 mad 11 (11×19-6) Reduce modulo m a reduce radulo m: take the remarder of diviron of a by m $37 \mod 13 = 11$ $64 \mod 26 = ?(12)$ $64 \mod 26 = ?(12)$ $64 \mod 26 = ?6$ $64 \mod 26 = ?25$ $64 \mod 26 = ?25$ $64 \mod 26 = ?25$

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