Levies:	anrented
Symmetric-Key Cryptography	Natural Numbers on Infinite Symbols
Main & rimitives Consend:	Fraguent Operation: Roman Numeral
- Encryption Schemes: Perfect, Ciphertent	Companison Decimal Briany/
only attack, of h secure, can secure	3. Multiplication n= 60 Ed. Bi
- Data Integrity: MAC, CRCMAC, HNAC	Tally Marks
(today)	Product of primes
	Residue Number System
Public Key Revolution:	1
Key Distribution Centers for distributing	Chance 2 representations for Key K:
private keys within an organization	Rpur Rpur
of n nodes - 2 people in an a node	Deck() Fact Encie() fact
center does not reed to have O(1) keys	Deck () very slaw
but only 1 - go morough KDC	
Secure KOC Secure	Ex: RSA, El-Gamal, Goldwanur-Micali,
A Secure	based on followington, DLP
Leaked Secure Channel	Rabin, Paillier, FHE (Fully Homomorphic Grugglism)
Not fowowed: KDC can read everything	Diffice - Hellman
HMAC:	RSA Enc : me mad N
Consider a family of collision resistant	N=pq, ged (e, \$(N)=1
hash function Hs: 20,23 - 20,13	
t:= HS (opad @ k    HS (ipad@k    m))	RSA is a candidate one way for
	RSA arrumption is that RSA to secure
Fixed, public pads	
AES in randomised courter mode + MMAC to	
CCA secure.	
4 0 1 1/0 1 10	
Information vs Knowledge Knowledge	
is useful information	