=7 X= 7 y + 2

UMI 0800706 30gaa 3) 4 (n/ = 30] pro-px: 4(p1...px)=30=p1/p1-1)---px/p1 (mpoami) Cera uze pozrulegane Converu genmen He 30 u om max ize omumane ja onskpull, makuba ronno non nondela eguo, rueromo e npormo Moern penpomo u p-1)/30 Demmenume ca: 41,2,3,5,6,10,15,303 Om max douinpupeere yetroporte { 1, 2, 6, 10, 30} Slonence le npoimme get. Ha 30, nuivoe re e Ita Hanogi comency => 2; = 1 Heha pozulgane benten ely ean ·n=31.m 4(n)= 40 4(31).4(m) = 30.4(m) muane i pernerina, npm m=1 n m=2 11. m 4(n) = 4(1).4 (m) = 10.4(m) = 30 =7 4(m)-3

no marcoba m 39 recemo U(m)=3, moren mand percentile vn= 7, m U(M= 417), 4(m) = 6. 4(m1=30 => 41m1=5 omnote usua manoba m, nonemo (5+1) He e npormo , n=3,m 4(n) = 2,4(m) = 30 => Q(m) = 15 Demmemme Ha 15 ca: 41,3,5 3 all downmanners =7 Omnobo Hrund plumerul Mara plynlegame bowers ayan u penderhama un ca n={31,623

UMIOSON 106 3-10gara 2) On Mapiner 77 6 Z 134 (134, 17)=? 134=7.77+ 15 17 = 1.15 + 2 15 = 7.2 + 1 2 = 2.1+0 =7(134, 14)=1 =>] = 17 B Z134 Om hezy: 1= 1\$-7.2 = 15 - 7(17-15)=8.15-7.17= - 8(134-7.17) +4-7.17 = 8.134-63,17 (=> -63.17 = 1 (mod 134) $(=) \quad 72^{-1} = -63 = 71 \; (mod 134)$ 77-1 = 71 6 Z134 X= 1764+768 (mod 134) 4(134) = 4(2) 4(67) = 66

134/2 67/2

$$X = 77^{2} + 7^{2} = 3041 + 49 = 5090 = 132 \pmod{134}$$

$$= 7 (7^{64} + 7^{68}) \% 134 = 132$$

X= 132 (ma) 134/