20) a=b medn

b-a = - K also int b= amodn

b) a=bmdn > b=ando n a Fried n = b = cmod n

a = c mod n

2) 4321=3(1234)+619 1234=1(619)+615 619 = 1(615)+4 615 = 153(4)+ 4= 4(1)+0 V

PG = C

Pz= 0-13mod 4321= 4318

P3=1-4318(1)mc04321=4

Py=4318-4 mod 4321=4314

PS=4-(4314) 153 mod 4321=1075 P6 = 4314-1075 (1) mod 4321=(3239)

5) 24140 mcd 40902

40902=1(24140)+16762

24140=1(16762)+7378 16762=2(7378)+2006

7378=3(2006)+1360

2006 = 1(1360) + 646

1360= 2(646) + 68

646 = 9(68) + 34

68 = 2(34) +0

no inverse,



