```
Morganina κομίρου μα ροδοία N^2 I

3 gucyumina; , 3ανανονα Αυπέδρα 1

Σύμα Ωμπτρο

Βαρία τι 4

4) g = \binom{1011}{58} Z_{13} 3ροδιαιο 3α αιείοςα αι δικανούσια κεδίσοια τα Γαγεα \binom{1011}{5801} \sim \binom{1540}{5801} \sim \binom{1540}{14208} \sim \binom{1540}{0438} \sim \binom{1540}{0156} \sim \binom{10109}{0156}

g^{-1} = \binom{109}{56}

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1) Habegeno Kontpypunag 9/4.7/8=63 OTne, medyge.

2) $(\frac{1}{8}, \frac{2}{4}, \frac{3}{6}, \frac{4}{5}, \frac{6}{5}, \frac{7}{3}, \frac{8}{1}) \in S_8$ (1,8)(2,7,3,4,6,5) HCK(2,6) = 6 hopagok N=6

3) $F(x) = x^3 + x^2 + x + 2$ $G(x) = x^2 + 2x + 1$ Z_4 $x^3 + x^2 + x + 2 | x^2 + 2x + 1 | F(x) = G(x) (x + 6) + 2x + 3$ $6x^2 + 2 | x + 6 | F(x) = F(x) + 6(x) (6x + 1)$ $\frac{6x^2 + 5x + 6}{2x + 3}$ 2x + 3 = F(x) + 6(x) (6x + 1) $\frac{6x^2 + 5x + 6}{2x + 3}$ $\frac{6x^2 + 2}{4x + 2}$ $\frac{6x^2 + 2}{2x + 3}$ $\frac{6x^2 + 2}{2x +$

3)

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5) P= 2x5+12x4+24x3+34x2+36x+24; x0=
 Скориставноет съсеного Горгара
   2 12 24 34 36 24
 -1 2 10 7 27
-1 28 -1 28 -19
  26 -4 35
                                           2 12 24 34 36 24
-1 2 4 - 11
                                       -2 2 8 11 12 12 0
-122
Of(-1)=15; 1
                  3) 8(-1) =-11-3! =-66
                                       -2 2 -4 11
NP(-1)=-19
                4) f(-1) = 2-41 = 48
                                         C = -2, KpathicTb = 3
2) f(-1) =
                 5) +(-1) = 2.5! = 240
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6) f(x) = ao x" + aix" + ... + an
 f(0) = an - Henaphe, f(1) = ao to 1 + azt ... tan - Henaphe
Pringer uno mo bo ne raine ichye xoe IN mo e Kopenen f(x)
Xo= Pa, p= an, q= ack, Ko, K, EIN
Ocksaloku Xo - yill racho => ao = 1
 p= 10, an - Herapie => p - Herapie
X0 EIN, a0 = 1, pEIN, q = 1/4, x0 1/4, OTTICE Q=1=> X0 = p=> X0 - HEIGH
 f(x0) = 90 x0+ 01x0++...+an.1x+an=0-napra
 (xö+an) - napre, To xo - Henep. i an - Henaphe
 (a1 x0 + a2 x0 2+ ... + an 1x - napre n-1

x (a1 x0 2 ... + an 1) - napre => \( \xeta a - napre => \)
 x (01 · x0 + 2 ... + an-1) - nopie
01-x0-3 ...+an-1 - naple
=> ((a0+an) + Zai) - napore, more ye cyrepenents yould.
OTRE XO - HE YIVE MAIO.
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