



F kw0'I gpgtcn  
37'C vi wuv'4244

Qtki kpcn'Gpi rkuj

Kgo '43''c+'qh''j g'r tqxkukpcn'ci gpf c,

*Summary*

Vj g't tgugpv'tgr qt v'ku'wdo kwgf 'kp'tgur qpug'vq'c'tgs wguv'd { 'vj g'I gpgtcn'Cuugo dn( "





Hki wtg"K

\*Rgtegpwi g+

*Source*

Hki wt g"KK

\*Rgtegpwi g+

Source<Eqo r kgf "htqo "fcw"htqo "vj g"Eqtr qtcvg"Fcwdcug"ht "Uwduwcvkxg"Ucwkukecn"Fcw0

;0 Vj g" j ki j " eqpegpvcvkqp" qh" o gtej cpf kug" gzrqtwu" qp" c" uo cm" pwo dgt" qh"  
ci tlewmwtcn'r tqf weu"o cngu"vj g"ngcuv'f gxgnr gf "eqwptkgu"xwpgtcdng"vq"xqrcvkrk\ "kp"

Hki wt g"KK

Source<Eqo r kqf "htqo "fcv"htqo "vj g"HCQ"l mden'kphqto cvkq"cpf "Gctn{ "Y ctpkpi "U{ uwgo 0

330 J cih'vj g'ngcu'f gxgnr gf "eqwptkgu"gzr gtlkpegf "c'eqvkwqwu'hqf "go gti gpe{ "hqt " cv'ngcu'35"eqpugewkg" { gctu"qh'vj g"64/ { gct"r gtlkf "\*"3; : 364244+0'Qh'vj qug"eqwptkgu." 32"gzr gtlkpegf "c" eqvkwqwu" hqf "go gti gpe{ "hqt "cv'ngcu'44" { gctu."7"y gtg"kp" c" eqvkwqwu" hqf "go gti gpe{ "hqt "cv'ngcu'57" { gctu" cpf "3" eqwpt{ "y cu"kp" uwej "cp" go gti gpe{ "gxgt{ "ukpi ng" { gct"qh'vj g"640<sup>3</sup>"

340 C" dtqcf "tapi g"qh"o gcuwgu"dcugf "qp" c" hqf "u{ uwgo u"cr r tqcej "ku"pggf gf "vq" gpj cpeg" hqf "ugewtkv{ "kp'ngcu'f gxgnr gf "eqwptkgu."kpenw kpi "gpj cpekpi "r tqf wevkv{ " cpf" tgf wekpi " r quv/j ctxguv" mquugu0' kpxguvo gpv' kp" ci tlewwwtg" pggf u" vq" kpetgcug." kpenw kpi 'hqt'pgeguuct { "{ kgrf /







eqqr gtcvkqp" dqf lgu' Vj g" hktuv." yj g" CUGCP /Rnu/Vj tgg" Go gti gpe{ "Tleg" Tgugtug."
 yj kej "kpenmf gu" yj g" Ucvgu" o go dgtu" qh' yj g" Cuuqekcvkqp" qh' Uqwj gcu" Cukcp "P cvkpu"
 \*CUGCP + "r nu" Ej kpc. "Lcr cp" cpf "yj g" Tgr wrke" qh' Mqtgc. "y cu" etgcvgf "cu" r ctv' qh' cp"
 kpygi tcvf "hqf" ugewtkv{ "htco gy qtm' hqto wrcvgf "hqmqy kpi " yj g" i mdcn' hqf " etkuku" qh'
 42296422: . y kj " yj g" Tgugtug" kugrh' eqo kpi "kp vq" hqteg' kp' 42340' Vj g" Tgugtug" j cu' yj tgg"
 r tqi tco o gu' hq' tgrgcukpi "tleg< vgtu" 3. "4" cpf "50' Wpf gt' vgt" 3. "gcto ctnrf "t gugtug" ctg"
 r tg/r qukvkqpgf "qp" c' uvcpf d{ "dcuku" dgy ggp" c' lwr r n{ kpi "cpf" c' tgegkxkpi "eqwpt{ 'kp' ecug"
 qh' cp" go gti gpe{ 'kp' yj g' tgegkxkpi "eqwpt{ 0' Vj g' uvcpf d{ 'cttcpi go gpv' ur gekhku' s wcpvkv{ .
 i tcf g" cpf "vgtu u' cpf "eqpf kkvkpu" hq' tgrgcug' 0' Vj g' f grkxgt{ "ku" hqto cnk' gf "d{ "c" hqty ctf "
 eqpvtcev' xcnk' "hq' yj tgg" { gctu' cpf "tgpgy cdrg' 0' Vj g' eqpvtcev' cpf "eqo o ko gpwu' wpf gt"
 vgt' 3" ecppqv' dg' dtgcej gf . "wprkng" yj qug' kp' dkrvgtcn' i qxgtpo gpv' vq/ i qxgtpo gpv' f gcu' 0'
 Vgt' 4" ku' wugf "y j gp" gcto ctnrf "uqemu" ctg' tgs wguvf "kp" yj g" cdugpeg" qh' c" hqty ctf "
 eqpvtcev. y kj "ucrgu" vgtu u' cpf "qj gtu" qr gp" vq' dkrvgtcn' pgi qvkvkpu' 0' Wpf gt' yj g' vgt' 5"
 y kpf qy . "tleg" ku' r tqxkf gf "qp" c' xqmpvct{ "dcuku" cpf "wugf" hq' r tg/r qukvkqpkpi "hq' t' dqvj "
 cpvkr cvgf "ecro kkgu" cpf "wpgzr gevfg" f kucvgtu' 0' Uqemu' ctg' tgrgcugf "y j gp" c' tgs wguv'
 ku' o cf g' qt' yj tqwi j "cp" cwqo cve' vki i gt' u' vgo "o cpci gf "d{ 'yj g' Tgugtug' ai' ugetgvctcv' 0'
 Kp' 4242. "yj g' vgt' 5" y kpf qy "y cu' wugf "55" vo gu. "htqo "hxg" f qpqtu' vq' ugxgp' tgekr kgpv' 0'
 Vj g' s wcpvkku' kpxqrgf "kp' vgt' 5" ctg' o quvn{ 'uo cm' v{ r kccm{ 'kp' yj g' 4226522" o gvtke' vqp"
 tcpi g' 0' Vgt' 3" j cu' dggp' cevkvcvf "qpn{ 'qpeg" \*dgy ggp "Lcr cp" cpf "yj g' Rj kkr r kpgu+ "y j kng"
 vgt' 4" j cu' pqv{ 'gv' dggp' cevkvcvf 0

490 Vj g" Uqwj "Cukcp" Cuuqekcvkqp" hq' "Tgi kqpcn" Eqqr gtcvkqp "Tgi kqpcn" Hqf "Dcpm"
 y cu' guvdrkuj gf "kp' 4226. "cpf" y qtm' qp' k' eqpvkpwgf "wvkn' 4235. "y j gp" yj g" ci tgg" gpv' vq"
 guvdrkuj "kv" gpvgtgf "kp vq" hqteg' 0' O go dgtu" j cxg" o gv' ugxgtcn' vo gu' vq" v{ "vq" hkprk' g"
 o qf cnkvku. "wej" cu' r tlekp' i wkv grkpgu. "uvgtci g' hqecvkvpu' cpf "s wcnk{ 'eqpvtqr' 0' Vj g' Hqf"
 Dcpm' y cu' wugf "hq' yj g' hktuv' vo g' kp' O c{ '4242. "y j gp" Dj wcp' uqwi j v' cpf "i ckpgf "ceeguu"
 vq' hqf "i tckpu' htqo "kv' hq' pggf u' tgrcvf "vq" EQXKf /3; " \*f tcy p" htqo "yj g' Hqf "Dcpm"
 t gugtug" j gnf "d{ "Kf kc+0

4: 0 Vj g" GEQY CU" Tgi kqpcn" Hqf "Tgugtug" y cu' guvdrkuj gf "d{ "GEQY CU" kp' 42350'
 Vj g" htco gy qtm' qh' yj g" Tgugtug" j cu' yj tgg" eqo r qp' gpw- 'c+' dwkf kpi " tgi kqpcn" hqf "
 t gugtug" = \*d+ " tckulpi " yj g" ngxgn" qh' pcvkqpcn" hqf " t gugtug" = cpf " \*e+ " ko r tqxkpi "
 eqqr gtcvkqp" dgy ggp' pcvkqpcn' hqf " t gugtug" 0' Qpg' pqvdrng' cwtkdwg' qh' yj g' er r tqcej "vq"
 hqf "uqemu" qh' yj g' Tgugtug' ai' htco gy qtm' ku' yj cv' k' uggm' xgt vkecn' eqqtf kpcvkqp" co qpi "
 f khgtgpv' ngxgn' qh' t gugtug" qp" yj g' dcuku' qh' yj cv' ku' ecmf " o yj tgg" r kpgu' qh' f ghgpegö"
 \*rqecn' pcvkqpcn' cpf " tgi kqpcn+ " y j kej "ku" vq' dg' wugf "uwee p" o g' kp' O c{ " "d" kprk' g"







vj cv'lpf kxf wcn'eqwptkgu'o c{ "wug"y qwf "f gr gpf "qp"vj gk "ur gekhe"ektewo uvcpegu."dw"  
 qpg'r qnle{ "vj cv'j cu'r tqxgp"ghgevxg'kp"cej kxkpi "tcr kf "kpetgcugu'kp"qwr w'ku'vcti gygf "  
 kpxguvo gpv' cuukvcpeg" vq" ci tlewwtg." eqwr ngf " y kj " õuo ctvõ" kpr w' uwdulk'kgu' vq"  
 tguqweg/r qqt " hcto gtuo' Ghgevxg" nko kcvkpu" eqo g" htqo " vj g" ukf g" qh" i qxgtpo gpv'  
 dwf i gvu' qh' ngcu' f gxgnr gf " eqwptkgu' vj go ugnxgu. " j gpeg" vj g" pggf " vq " r tkqtkk' g"  
 utcvgi kecm{ "vj g" nko kxf "tguqwegu" cxckrdng" vq" dcuke" hqqf " etqr u. " y kj " vj g" j ki j guv'  
 r tkqtkv{ "i kxgp" vq" vj g" tguqwegu" vj cv'eqwptkdwg" vj g" o quv' vq" cmgxkcvkpi " hqqf " kpugewtkv{ O'  
 Vj g" kpenukqp" qh' vgej pkecn" cpf " hkpceken" cuukvcpeg" vq" kpetgcug" ci tlewwtcn'  
 r tqf wevkv{ "cpf " kphcuv wewtg" co qpi " vj g" kputwo gpw' qh' vj g" O cttcnguj " O kpkngtkcn"  
 F gekukp" qp" O gcuwtgu" Eqpegtkpi " vj g" Rqukdng" P gi cvkxg" Ghgevu" qh' vj g" Tghqto "  
 Rtqi tco o g" qp" Ngcuw/F gxgnr gf " cpf " P gv' Hqqf /Ko r qt vki " F gxgnr kpi " Eqwptkgu"  
 tghgevu' vj g' y kf gt' tgeqi pkkqp' qh' vj ku' r tqdng " d{ " vj g" kpvgtpcvkvpcn' eqo o wkv{ " ugg' vj g"  
 ugevkp" õRtqo qvki " xcwng" ej ckpu' hqt " dcuke" hqqf uwlhu" cpf " o ctngv' qti cpk' cvkqpõ+0

680 Ci tlewwtcn'ej ckpu'kp'o cp{ "ngcuw' f gxgnr gf "eqwptkgu'ct g'uvkn'lv wewtgf "ctqwpf "



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760 Vj g"ngcu'f gxgnr gf "eqwptkgu'j cxg"o cf g"i qqf "r tqi tgu'vqy ctf u'tgi kppen'tcf g"

820 Hqqf "ckf" j cu'dggp'c'xcnwdng'tguqweg'hqt"j gr kpi 'hqqf /f ghlek'eqwptkgu'vq'o ggv' vj gk'hqqf'pggf u0Qxgt'vko g.'ko r qtvcpv'ko r tqxgo gpw'j cxg'dggp'o cf g'kp'vj g'hqqf'ckf " u{ungo "kp'vgo u'qh'cuugukpi "o qtg'r tgelugn{ "vj g'ur gekhke'pggf u'qh'tgekr kgpv'eqwptkgu' cpf "t gur qpf kpi "vq"vj go "y kj "o qtg"hgzkdkrkv{ \*y kj "kp/nkpf "qt"ecuj "tguqwegu+."kp" cf f kkkp'vq'r tqxkf kpi "eqo r ngo gpvct { 'tguqwegu'vq'kpetgcug'vj g'ghhkekgpe{ 'qh'hqqf'ckf 0' Hqt"ugxgtcn'ngcu'f gxgnr gf "eqwptkgu."hqqf "ckf" tgo c kpu'cp" ko r qtvcpv' uqweg" qh' ko r qtvgf "uwr r nku."gur gekcm{ "kp"o ggvkpi "go gti gpe{ "pggf u0'kp'hcev."y kj "fy kpf nkpi " xqmo gu'qh'hqqf'ckf ."cpf "i tqy kpi "go gti gpekgu'y qtrf y kf g."cxckrdng'hqqf "cuukrcpeg" tguqwegu'ctg'gzenukxgn{ "dglkpi "wugf "hqt"o ggvkpi "go gti gpe{ "pggf u'qy kpi "vq"pcwctn' cpf "j wo cp/o cf g'f kucvgtu.'kp'cf f kkkp'vq'y gm'vcti gvgf "pwt kkkp'kpvgtxgpvkv'r tqlgew' vj tqwi j "Y HR0'Uwej "uvtkvn{ "j wo cpkctkcp" wugu'qh'hqqf "ckf" j cxg'r tqxgp"vq"dg"o quv' ghgevkxg'cpf "i gpgtcm{ "htgg'htqo "vj g'f gr gpf gpe{ "cpf "f kulpegpvkxg'ghgevu'cuuqekvgf " y kj "dwm'hqqf "ckf "kp"vj g'r cu0

830 Kp'vj g'r cuv."hqqf "ckf" y cu' uwr r n{ /f tkxgp" cpf "nkpngf" vq"vj g'f qo guvke"r rkte{ " eqpukf gtcvkqpu"qh'f qpqt"eqwptkgu."cpf "qhvgr."vq"o wej "y cu"r tqxkf gf 0'J qy gxgt." pqy cf c{u." hqqf " ckf " cmqecvkqpu" ctg" xgt{ " f go cpf /f tkxgp" cpf " nkpngf" vq" vj g" tgs wkt go gpw'hqt'o ggvkpi "go gti gpe{ "qr gtcvkqpu."cpf "qhvgr"pqv'gpqwi j "ckf "ku'r tqxkf gf " kp"tgrvkqpvq"pggf u0' Cp"cf f kkkp'cn'hcevq"rko kkpki "ngxgn"qh'hqqf "ckf "ku"vj cv'cppwcn' f qpqt'eqo o kvo gpw'vq'vj g'Hqqf 'Cuukrcpeg'Eqpxgpvkp"ctg'o cf g'kp'pqo kpcn'pcvkpcn' ewt'gpekgu'y kj "vj g'ko r nkecvkqpvj cv."y j gp'y qtrf "r tkegu'tkug."vj g's wcpvkkgu'vj cv'ecp'dg" dqwi j v'f genkpg0'Vj ku'etgcvgu'c'ukwcvkqpv'kp'y j lej "vj g'cxckrdkirkv{ "qh'hqqf'ckf "f genkpgu" y j gp" k' ku' pggf gf " vj g" o quv."cmj qwi j " uqo g" f qpqtu." cv' vj gk" f kuetgvkqpv." o cmg" gztcdwf i gvct { 'r tqxkukqpu'vq'eqwptkgu'vj g'f getgcug'kp'vj g'xqmo g'qh'hqqf'ckf "uqo gy j cv' kp"uwej "ukwcvkqpu0

840

870 Kp"vj g"O cttcnguj "F gekukqp."k'ku"tgeqi pk gf "vj cv'vj g"ngcu'f gxgrqr gf "eqwptkgu" o c{ "dg"gnki kdnq"vq"ftcy "qp"vj g"tguqwtegu"qh'kpvtgpcvqpcn'hkpcpekcn'kpukwkwqpu'wpgt" gzkuvkpi 'hcekkskgu."qt'uwej 'hcekkskgu'cu'o c{ "dg'gucdrkuj gf .kp"vj g'eqpvz v'qh'cf lwwo gpv' r tqi tco o gu." kp" qtf gt" vq" c f f t guu" uwej " hkpcpekpi " f k h k e w m k u 0' Kp" c f f k k q p." kp" tgeqi pkkqp"qh'vj g"npi /vgo "f gr gpf gpeg"qh'vj g"eqwptkgu"qp"ko r qtvgf "hqgf "uwr r nku." vj g"F gekukqp"kpemf gu"c"ecm'hqt"vj g'r tqxkukqp"qh'vgej plecn'cpf "hkpcpekcn'cuukvcpeg"vq" vj g'ngcu'f gxgrqr gf "eqwptkgu"cpf "pgv'hqgf /ko r qtvkpi "f gxgrqr kpi "eqwptkgu"vq"ko r tqxg" vj gk"ci t k e w m t c n' r t q f w e v k k v { " c p f " k p h t c u w w e w t g 0

880

y kj "vj g" Ci tgggo gpv" wpf gt "egt vlp" eqpf kkp pu. "kpenw lpi " r tgf gvgto kpgf " vti gvu" qh"  
uqeml" tgn vgf "uqgn{ "vq" hqqf "ugew k{ . "hpcpekn" t cpur ctgpe{ "kp" uqem' ceewo wv vqp"



o qpkqtgf "wpgt"vj g"gzkupi "Ci tgggo gpv'qp"Ci tlewmwtg"pqvhhkcvkp"r tqegu."dqj "k"  
vgo u"qh"o cti kpu"qh"gzvc"uwdukf k cvkp"cmqy gf "cpf "f kur qucn"qh"geto ctngf "i nqden"  
hqf "ugewk\ "uvqemu"qp"vj g"dcuku"qh"ci tggf "cpf "o qpkqtcdng"eqpf kkpup"cpf "etkgtk"  
clo gf "cv'o kpk k kpi "ghgeu"qp"vj g"o ctngv'

: 70 Kp"cf f kkp"vq"vj g"kpvt wo gpv"cpf "r qnkkgu"fkuewugf "cdqyg."c"ur gekn"hqf "  
tgutxg"u\ ugo "f gf kcvgf "vq"vj g"ngcu'f gxnqr gf "eqwptkgu"eqwf "dg"etgcvf "y kj kp"  
gzkupi "tgrxcpv'o wmkcvgtcn"qti cpk cvkpu"vq"tgegkxg"hqf "cpf "ecuj "f qpcvkpu"htqo "  
O go dgt" Ucvgu." vj g" r tkxvg" ugevq." hqf /o cpwcewtkpi " gpvkgu." vj g" dwkpguu"  
eqo o wkv\."ekkn"uqekv\ "qti cpk cvkpu"cpf "r j kcpvj tqr k"qti cpk cvkpu"uwr r qt vpi "  
uvtci g'heknkkgu"cetquu"vj g'hcuv'f gxnqr gf "eqwptkgu"Uwej "tguwtegu"f gf kcvgf "vq"vj g"  
ngcu'f gxnqr gf "eqwptkgu"y qwf "cuukv'kp"fkvtdwkpi "hqf "vq"r qqt"cpf "xwpgtcdng"  
r gqr ng."kpenf kpi "vj tqwi j "uej qqn'cpf "eqo o wkv\ "hggf kpi "r tqi tco o gu."y j gp"pggf gf "  
vq'tgur qpf "vq"gpvktqpo gpv'n'vj tgcvu."r cpf go keu"cpf "qj gt"etkgu0