



F kw0'I gpgtcn  
37'Cvi wuv'4244

Qtki kpcn'Gpi rkuj

Kgo '43\*c+qh'vj g'r tqxkukpcn'ci gpf c,

*Summary*





Hki wtg"K

\*Rgtegpwi g+

*Source*

Hki wt g"KK

\*Rgtegpwi g+

Source<Eqo r kgf "htqo "fcv"htqo "vj g"Eqtr qtcvg"Fcwdcug"ht "Uwducpvkxg"Ucvkuvkcn"Fcw0

;0 Vj g" j ki j " eqpegpvcvkqp" qh" o gtej cpf kug" gzrqtvu" 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 "eqwptkqu"gzr gtlkpegf "c'eqvkwqwu'hqf "go gti gpe{ "hqt " cv'ngcu'35"eqpugewkwg"{ gctu"qh'vj g"64/{ gct"r gtlkf "\*"3; : 364244+0'Qh'vj qug"eqwptkqu." 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 "eqwptkqu."kpenw kpi "gpj cpekpi 'r tqf wekxkv{ " 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 wrvfg" hqmgy 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 ctnrgf" 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' t' ggrgcug' 0' Vj g' f grkxgt { "ku" hqto cni gf "d" { "c" hqty ctf "
 eqpvtcev" xcrkf "hq" yj tgg" { gctu' cpf "tgpgy cdrg' 0' Vj g' eqpvtcew" 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 ctnrgf "uqemu" ctg" tgs wguvf "kp" yj g" cdugpeg" qh' c" hqty ctf "
 eqpvtcev. "y kj "ucrgu" vgtu u' cpf "qv" 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" "dq" yj "
 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" vko gu. "htqo" hlxg" f qpqtu' vq' ugxgp" tgekr kgpw' 0'
 Vj g' s wcpvkkgu' kpxqrgf "kp" vgt' 5" ctg' o quvn{ "uo cm" v{ r kccmf "kp" yj g' 4226522" o gvtke' vqp"
 tcpi g' 0' Vgt' 3" j cu' dggp' cevkv cvgf "qpn" qpeg" \*dgy ggp "Lcr cp" cpf "yj g' Rj kkr r kpgu+ "y j krg"
 vgt' 4" j cu' pqv" { gv' dggp' cevkv cvgf 0

490 Vj g" Uqwj "Cukcp" Cuuqekcvkqp" hq' "Tgi kqpcn" Eqqr gtcvkqp" Tgi kqpcn" Hqf "Dcpni"
 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' vko gu' vq" v{ "vq" hkrck' g"
 o qf crkvku. "uwej" cu' r tleki "i wkf grkpgu. "uvgtci g' hqecvkvpu' cpf "s wcrkv" "eqpvtqr' 0' Vj g' Hqf"
 Dcpni y cu' wugf "hq" yj g' hktuv' vko g' kp' O c { "4242. "y j gp" Dj wcp' uqwi j v' cpf "i ckpgf" "ceegu"
 vq' hqf "i tckpu" htqo "kv" hq' pggf u' tgrcvgf "vq" EQXK /3; "f tcy p" htqo "yj g' Hqf" "Dcpni"
 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 qpgpw- < \*c+ "dwnf kpi " tgi kqpcn" hqf "
 t' gugtug" = \*d+ " tckulpi " yj g" ngxnu" qh' pcvkvpcn" hqf " t' gugtug" = cpf " \*e+ " ko r tqxkpi "
 eqqr gtcvkqp" dgy ggp' pcvkvpcn' hqf " t' gugtug" 0' Qpg' pqvdrng' cwtkdwg' qh' yj g' cr r tqcej "vq"
 hqf "uqemu" qh' yj g' Tgugtug" ai' htco gy qtm' ku' yj cv' kv' uggmu' xgt vkecn' eqqtf kpcvkv" co qpi "
 f khgt gpv' ngxnu" qh' t' gugtug" qp" yj g' dcuku" qh' yj cv' ku' ecmgf "oy tgg" rkpgu" qh' f ghgpegö"
 \*rqecn' pcvkvpcn' cpf " tgi kqpcn+ " y j kej "ku" vq' dg" wugf "uwee p" o g' kp' O c { " "d" kpcrk' 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 lgu" 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" hqf " etqr u. " y kj " vj g" j ki j guv'  
 r tkqtkv{ "i kxgp" vq" vj g" tguqwegu" vj cv'eqwptkgu" vj g" o quv'vq" cmgxkcvkpi " hqf " kpugevkv{ O'  
 Vj g" kpenukqp" qh" vgej pkecn" cpf " hpcpekn" cuukvcpeg" vq" kpetgcug" ci tlewwtgcn"  
 r tqf wevkv{ "cpf " kphcuvewtg" co qpi " vj g" kputwo gpw'qh" vj g" O cttnnguj " O kpkngtkcn"  
 F gekukp" qp" O gcuwtgu" Eqpegtkpi " vj g" Rqukdng" P gi cvkxg" Ghgevu" qh" vj g" Tghqto "  
 Rtqi tco o g" qp" Ngcu'F gxgnr gf " cpf " P gv' Hqf /Ko r qtvkpi " F gxgnr kpi " Eqwptkgu"  
 tghgevu" vj g" y kf gt' tgeqi pkvqp" qh' vj ku' r tqdng " d{ " vj g" kpvgtpcvkvpcn' eqo o wkv{ " ugg" vj g"  
 ugevkp" õRtqo qvki " xcwng" ej ckpu' hq " dcuke" hqf uwlhu" cpf " o ctngv' qti cpk cvkvpõ+0

680 Ci tlewwtgcn'ej ckpu'kp'o cp{ "ngcu'f gxgnr gf "eqwptkgu'ct g'uvkn'lvwewtgf "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 kqpen'tcf g"

820 Hqqf "ckf" j cu'dggp'c'xcnwdng'tguqweg'hqt"j grr 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 "f y 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 "pww kkkp'kpvgtxgpkv'p'rtqlgew' vj tqwi j "Y HR0'Uwej "uvtken{ "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 guve"r rkte{ " eqpukf gtcvkpu"qh'f qprt"eqwptkgu."cpf "qhvgr."vq"o wej "y cu'r tqxkf gf 0'J qy gxgt." pqy cf c{u." hqqf " ckf" cmqecvkpu" ctg" xgt{ " f go cpf /f tkxgp" cpf " nkpngf" vq" vj g" tgs wkt go gpw'ht'o ggvkpi "go gti gpe{ "qr gtcvkpu."cpf "qhvgr"pqv'gpqwi j "ckf "ku'r tqxkf gf " kp"tgrvkp"vq"pggf u0'cp'cf f kkkp'cn'hcevq't'no kkp'i "ngxgn'qh'hqqf "ckf "ku"vj cv'cppwcn' f qprt'eqo o kvo gpw'vq'vj g'Hqqf 'Cuukrcpeg'Eqpxgpvkp'ctg'o cf g'kp'pqo kpcn'pcvkpcn' ewttgpekgy'vj kj "vj g'ko r nkecvkpp'vj 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'ukwcvkpp'kp'y j lej "vj g'cxckrdkkrk{ "qh'hqqf'ckf "f genkpgu" y j gp" k' ku' pggf gf " vj g" o quv."cmj qwi j " uqo g" f qprt." cv' vj gk" f kuetgvkpp." o cmg" gzvcdwf i gvct { 'r tqxkukppu'vq'eqwptkgu'vj g'f getgcug'kp'vj g'xqmo g'qh'hqqf'ckf "uqo gy j cv' kp"uwej "ukwcvkpu0

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"tguqtegu"qh'kpvtpcvqpcn'hkpcpekn'kpukwkwqpu'wvf gt" gzkuvki '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" cff tguu" uwej " hkpcpeki " f khhewmkgu0' Kp" cff ksqp." kp" tgeqi pksqp"qh'vj g"npi /vgo "f gr gpf gpeg"qh'vj g"eqwptkgu"qp"ko r qtvgf "hqf "uwr r nku." vj g"F gekukqp"kpemf gu"cecm'hqt"vj g'r tqxkukqp"qh'vej plecn'cpf "hkpcpekn'cuukvpep"vq" vj g'ngcu'f gxgrqr gf "eqwptkgu"cpf "pgv'hqf /ko r qt vki "f gxgrqr kpi "eqwptkgu"vq"ko r tqxg" vj gk"ci tlewmwcn'r tqf wevkvk{ "cpf "khtcut wewtg0

880

y kj "vj g" Ci tggogp v" wfgt "egt v k p" eqpf k k q pu. "k p e n f k p i " r t g f g v g t o k p g f " v t i g v u" q h"  
u q e m i " t g n v g f " u q n g n { " v j " h q q f " u g e w t k { . " h k p c p e k e n " t c p u r c t g p e { " k p " u q e m i " c e e w o w r v k q p "



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"gcto ctngf "i nqden"  
hqgf "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"hqgf "  
tgugtxg"u\uvgo "fgf kcvgf "vq"vj g"ngcuv'fgxgnr gf "eqwptkgu"eqwrf "dg"etgcvgf "y kj kp"  
gzkupi "tgrgxcpv'o wmkrcvgtcn"qti cpk cvkpu"vq"tgegkxg"hqgf "cpf "ecuj "f qpcvkpu"htqo "  
O go dgt" Uvcvu." vj g" rtkxcvg" ugevq." hqgf /o cpwrcwtkpi " gpvkgu." vj g" dwukpguu"  
eqo o wpk\."ekxkn"uqekv\ "qti cpk cvkpu"cpf "r j kcpvj tqr k"qti cpk cvkpu"uwr r qt vpi "  
uvtci g'heknkkgu"cetquu"vj g'hcuv'fgxgnr gf "eqwptkgu"Uwej "tguwtegu"fgf kcvgf "vq"vj g"  
ngcuv'fgxgnr gf "eqwptkgu"y qwrf "cuukv'kp"fkvtdwki "hqgf "vq"r qqt"cpf "xwpgtcdng"  
r gqr ng."kpenf kpi "vj tqwi j "uej qqn'cpf "eqo o wpk\ "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"etkugu'