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JEFFERSON



CENTER FOR IMPACTFUL RESILIENT INFRASTRUCTURE SCIENCE & ENGINEERING

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Vq'uko r nh{ 'qwt'f kuewukqpu.'y g'j cxg''cf cr vgf ''cpf ''u{ pvj guk gf 'tgi kqpcn'uvtcvki tcr j ke 'kphqto cvkqp'' vq''ckf 'f kuewukqpu''y tqwi j qwi'y ku'f qewo gpv0'Vcdng''308''eqpvckpu''c'i gpgtcnk gf ''uvtcvki tcr j ke'' eqnvo p'hqt''y g''uwf { ''ctgc''hqmqy kpi ''y g''tgeqo o gpf cvkqpu''qh'Dgti ''gv0'cn'*3; : 5+0'Ugxgtcn'' tguqwtegu'y gtg''wugf ''vq''f gvgto kpg''y g''guvlo cvgf ''cxgtci g''y kenpguu''qh'Xctkqwu''hqto cvkqpu'' *F qpcj vg''cpf 'Tqmkpu.''3; 9; =''Rwi nkq''cpf 'Kcppceej kqpg.''3; 9; =''Rqo gtq{.''3; : 4='Gxcpgm'' Kcppceej kqpg''cpf 'Cpf gtuqp.''Vj qo cu.''4244+0'Kp''cf f kkqp.''eqtgu''eqngevgf ''cv'nlo guvqpg''s wctt{'' qr gtcvkqpu'kp''Hc{gvg''cpf ''Y guvo qtgrcpf ''Eqwpvkgu'y gtg''wugf ''q''guvlo cvg''cxgtci g''y kenpguugu''hqt'' Rqwuxkng''I tqwr.''O cwej ''Ej wpni'cpf ''Nq{cnj cppc''Hqto cvkqpu'''Kcppceej kqpg.''4246+0 Vcdrg'30801 gpgtcrk gf 'uwf { "ctgc'uvtcvki tcr j le"eqnvo p"y ký "guvko cvgf "cxgtci g"ý lempguugu'hqt" hqto cvkqpu'*Dgti "gv"cr0"3;: 5+0

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	Cmgi j gp{'*Rc+	Mkwcppkpi	322
		Enctkqp	322
	Rqwuxkng'*Rr+	J qo gy qqf .'O gtegt." Eqppqs wgpguukpi	392
O kukukrrken		O cwej 'Ej wpm	422
		Nq{cnj cppc	82

306"Vj g'f cvcdcug"kp"c"hcti gt"eqpvgzv

Ncpf uhlf kpi 'ku'c''eqpvkpvgf ''ej cmgpi g''q''uqwj y guv'RC''cpf 'ku'tgukf gpw0'Qpg''qh''y g'htuv'tgi kqpcn' eqo r krcvkqpu''qh''rcpf uhlf g'f cvc''y cu'Cn'Cengpj gkrøu''f kuugtvcvkqp'*3; 76+0'O cp{ ''qh''y g'f cvc'' i cy gtkpi ''ghqtvu''y cv'hqmqy gf ''ctg''uwo o ctk gf ''kp''ugevkqp''404080'Vj gtg''ctg''wpf qwdvgf n{ ''f cvc''y cv'' ctg''o kuugf ''j gtg.''dwi'y ku'f cvcdcug''ku''kpvgpf gf ''q''dg'tgi wrctn{ ''wr f cvgf ''cpf ''i tqy 0'Vj g''uvcpf ctf k gf '' qti cpk cvkqp''qh''c'y kf g'tcpi g''qh''r ctco gvgtu'y kn''cmqy ''kf gpvkhkecvkqp''qh''uvcvg''cpf ''necn'r cvgtpu''kp'' repf uhlf gu''cpf ''y gkt''f tkxgtu0'Vj ku''f cvcdcug''ku''cmq''kpvgpf gf ''q''dg''eqo r ngo gpvct { ''y kj ''qy gt'' qpi qkpi ''f cvc''qti cpk cvkqp''cpf ''cpcn{ uku''ghqtvu''kp''eqngevkxg''ghhqtvu''q''gpuvtg''uvcpf ctf k gf .'' eqpukrvgpv'tgeqtf u''qh'rcpf uhlf kpi ''kp''j g''tgi kqp0 Kp''y g''tcpur qtvcvkqp''ugevqt. ''RgppF QV''crtgcf { ''wugu''y g''i KP V''uqhvy ctg'*Dgpvg{ ''U{uvgo u.'' Kpeqtr qtcvgf. ''Gzvqp. ''RC+.''c''vqqn'wugf ''vq''qti cpk g''i gqvgej plechf cvc''cpf ''cpcn{| g''uvduwthceg'' eqpf kkqpu0Eqppgevkpi ''i KP V''uqhvy ctg''cpf ''y g''ncpf urkf g''f cvcdcug''y qwf ''gpcdrg''cpf ''ceegngtcvg'' r qr wrcvkqp''qh''uqo g''qh''y g''f cvc''r ctco gvgtu'*g0 0''f qy purqr g''f kur ncego gpv''qt''f gr y i 'vq''hcknvtg'' r ncpg+0J qy gxgt. ''y ku''cr r tqcej ''y qwrf ''hngn{ ''qpn{ ''y qtmlhqt''ncpf urkf gu''ko r cevkpi ''uvcvg''tqwgu0Kp'' cf f kkqp. ''RgppF QV''ku''f gxgrqr kpi ''c''I gqvgej plechl'Cuugv'O cpci go gpv''Rtqi tco ''*I CO R+'vq''tcem'' i gqvgej plechl'cuugu''tgrcvgf ''q''npqy p''eqpegtpu. 'kpenvf kpi ''ncpf urkf gu0Ci ckp. 'yj g''y kf g''tcpi g''qh'' r ctco gvgtu''eqmgevgf ''cpf ''qti cpk gf ''kp''y ku''f cvcdcug''y kri'r tqxkf g''uvduvcpvkch'qr r qtwpkkgu''q'' gpj cpeg''y g''I CO R''cu''c''qqn''cpf ''wnko cvgn{ ''ko r tqxg''r tkqtkkk cvkqp''qh''r tqlgevu''cpf ''tguwncpv'' o cpci go gpv'qweqo gu0

Uko kretn{.''y g'Rgppu{nxcpkc''F gr ctvo gpv'qh'Eqpugtxcvkqp''cpf 'P cwtcnlTguqwtegu'*F EP T+'ku'' ewttgpvn{''f gxgqr kpi ''c'i gqi tcr j ke'kphqto cvkqp''u{uvgo '*I KU+'f cvcdcug''qh''cm'y g''rcpf urkf gu'' vtcengf ''d{ ''y cv'ci gpe{''qxgt''y g''{gctu''kpenvf kpi ''uqo g''f cvc''o kpkpi ''htqo ''pgy u'tgr qtvkpi 0Etquu/ eqo r ctkuqp''y ky ''y ku''f cvcdcug''etgcvgu'y g''r qvgpvkcn'vq''pqv''qpn{''gzr cpf ''y g''KT KUG''f cvcdcug.''dw'' cnq. ''r qr wrcvg''uqo g''qh'y g'' ctf ''vq''tgeqput wev'f cvc''uwej ''cu''y g''ctgcn'gz vgpv'qh''rcpf urkf kpi 0'Vj ku'' uvcvg''rgxgn'y qtmiku''kpvgpf gf ''vq''dg''kpeqtr qtcvgf ''kpvq''pcvkqpcn''rcpf urkf g''kpxgpvqt { ''ghqt u'' >j wr uy y 0wu ud qx lvqqnulwu/rcpf urkf g/kpxgpvqt { @'Vj gtghqtg.''y ku''f cvcdcug''y kn'j cxg''cp'' ko r qtvcpv'tqrg''kp''o cmkpi ''uvtg''y gug''kpxgpvqtkgu''ctg''eqo r rgvg''cpf ''y wu'tghrgev'y g''hwpf co gpvcn'' ej cmgpi gu''q''y g'tgi kqp0

4" O gy qf u.'o gy qf 'f gxgnqr o gpv.'r ctco gvgt 'f guetkr vkqpu.'cpf 's vcrkv{ ''cuuvtcpeg'' Vj ku'ugevkqp''f guetklgu'y g''crrtqcej.'f khptgpv'f cvc'uqvtegu.'o gy qf u.'cpf 'r ctco gvgtu'wugf 'kp'y g'' eqpuvt wevkqp''qh'y g''f cvcdcugO'Hqt''gcej 'f cvc''v{r g'*kQO'Ncpf urkf gu.''Vqr qi tcrj {.''Uqkn'I gqnqi {.'' Y gcy gt+'kv'f guetklgu'y g'f cvc''uqvtegu'wugf.''y g''o gy qf ''y tqwi j ''y j kej 'f cvc''y cu'cpcn{| gf.''cpf '' y g'r ctco gvgt ''gz vtcevgf 'htqo ''kv'*kQO''gcej 'ncpf urkf g'ku'tgr tgugpvgf ''d{ ''c'tqy ''kp''kp''y g''f cvcdcug.'' cpf ''gcej ''eqnvo p''f guetklgu'c''r ctco gvgt ''y cv'ej ctcevgtk gu'y ku'ur gekhke''ncpf urkf g+0

408 "Eqputive vkqp" qh'f cvcdcug

40308"F guki p"qh"y g"f cvcdcug"uvt vevwt g

Vj g'f cvcdcug''y cu'f guki pgf ''q''dg''gcukn{ ''kpeqtr qtcvgf ''kpvq''gzkukipi ''f cvc''utvæwtgu''wugf ''d{ '' tgur gevksg''gpf ''wugtu0Rtqr tkgvct{ ''f cvc''hqto cvu''y gtg''cxqkf gf 0C''uko r ng'*kQ0''hrcv'hkg+''utvæwtg'' y cu''wugf ''q''o kpko k g''pgeguuct{ ''f cvc''o cpkr wucvkqpu''d{ ''y g''gpf ''wugt0'Vj gug''ej qkegu'tguwngf ''kp'c'' eqo o c''ugr ctcvgf ''xctkcdng'*@ux+'hkrg.''y kj ''cr r tqr tkcvg''r tgekukqp''tgr qtvgf ''hqt''gcej ''xctkcdng0'Kp'' tgur qpug''q''hggf dcemi'htqo ''y g''KT KUG''Ncpf ukf g''Y qtnkpi ''I tqwr '*'ugg''Ugevkqp'8''hqt'kphqto cvkqp'' qp''y g'y qtnkpi ''i tqwr +''cp''O UGzegn'xgtukqp''qh''y g''f cvcdcug''y kni'cnnq''dg''r tqxkf gf ''y cv'r tqxkf gu'' o qtg''r nckp''ncpi wci g''xctkcdng''pco gu.''hkngtkpi ''ecr cdkkkgu.''gve0

F cvc'xctkcdngu'\q''dg'kpenwf gf 'kp''y g'f cvcdcug''y gtg''f gvgto kpgf 'kp''cp''kgtcvkxg''r tqeguu'eqpf wevgf " kp'enug''eqncdqtcvkqp''y ky ''y g''y qtmkpi 'i tqwr 0Cv'y g''dgi kppkpi ''qh'y g''r tqlgev'r gtkqf .''y g''Rkw'' Vgco 'tgcf ''y g''ncpf urkf g''nkgtcwtg''cpf 'i cy gtgf ''r qvgpvkcn'f cvc''uqwtegu0Chvgt 'c''y kf g''uwtxg{ ''cpf '' f kuewuukqpu'y ky ''y g''y qtmkpi 'i tqwr .''y g''gco 'f kf ''cp''kpytpcn'gxcnvcvkqp'y gki j kpi ''y g''grcvkxg'' kphnvgpeg''qh'y g'f cvc''r ctco gvgt ''cpf ''y g''hgcukdkrkv{ ''qh'f cvc''eqmgevkqp0'Vj gug''f gekukqpu'y gtg'' r tgugpvgf ''q''y g'y qtmkpi 'i tqwr 'f wtkpi ''y g'Qevqdgt'6.''4244''o ggvkpi ''hqt''kpr wi'cpf ''cr r tqxcn0'Vj ku'' nkuv'gxqnxgf ''q''y g''r ctco gvgt ''huv''r tgugpvgf ''q''y g'y qtmkpi ''i tqwr ''kp''Hgdtwct{ ''4246''cpf ''kpenwf gf '' kp''y g''guv'qh'y ku''ugevkqp0

40804" F cvcdcug"eqpuvt wevkqp

Wukpi "ý g'f cvcdcug'uvtvewytg."c'ugv'qh'r ctco gygt "o cr u'y gtg"etgcygf."tqwi j n{ "qpg"o cr "r gt"ur cvkcn" f cvc'hkgnf 0'Vj gug"o cr u'ctg"cm'tcuygt "o cr u'%kg0"ý g'f cvc'ku'uvqtgf "cu'ugwu"qh'r kzgnu"tcy gt "ý cp"cu" r qn{ i qpu+"cpf "vq"gpuvytg"ur cvkcn'eqpukuvgpe{."ý gug"o cr u"ctg"cm'tgi kuvgtgf "vq"ý g"WUI U'52hv" f ki kcn'gngxcvkqp"o qf gn%F GO +'%I guej "gv'cn0'4224+0F guetkr vkqpu"qh'f cvc'uqwtegu"cpf "f cvc" r tqeguulpi "pgeguuct{ 'hqt"gcej "f cvc'hkgnf "ctg'f guetkdgf "kp"ý g'tguv'qh'y ku'ugevkqp0

Hqt "ko g'ugtkgu'y gcy gt "f cvc." y g'f cvc"ctg'uvqtgf "kp"f ckn{ "tcuvgtu"d{ "y g'Rctco gvgt/grgxcvkqp" Tgi tguukqpu"qp"Kpf gr gpf gpv"Unqr gu'O qf *RTKUO +'i tqwr 0'Kp" y ku"ecug. "y g'RTKUO 'r kzgrly j gtg" y g'rcpf urkf g''qeewttgf "y cu'kf gpvkhkgf." cpf "y g'y gcy gt 'vko g''ugtkgu'hqt "y cv'r kzgrl'gz v cevgf 0'V j gug" vko g''ugtkgu''y gtg''uwo o ctkl gf "*g0 0'r tgekr kcvkqp"qt 'htgg| g1y cy "eqwpvu"qxgt "y g''r tgegf kpi " y ggmn{ lo qpy n{ 180 qpy u+"cpf "uwo o ct{"xcnwgu"uvqtgf "kp"y g''ncv'hkg"f cvcdcug0 Vq'uko r nkh{ 'cpf 'uvcpf ctf kj g'f cvc''eqmgevkqp.''y gug'tcuvgtu'y gtg''y gp''s wgtkgf 'kp''c''u{ uvgo cvke'' r tqeguu'f guetkdgf 'kp''y g''pgzv'ugevkqp0

40805" F cvcdcug"y qtmhqy u

Dcugf "qp"y g"eqpuvt werkqp"f gekukqpu"f guet kdgf "cdqxg"*ugerkqp"40804+. "y g"y qtmhrqy "hqt" eqpuvt werkpi "y g"f cvcdcug"kpenvf gf <3+T gcf kpi . "qti cpk kpi "cpf "eqo dkpkpi "rcpf urkf g"f cvcugvu" htqo "xctkqwu"uqwtegu"*ugerkqp"404+0=4+"Cuuqekcrkpi "gcej "rcpf urkf g"y kj "y g"ur cvkcnlkphqto cvkqp"cv" ku"mecvkqp"*kQ0"vqr qi tcr j {."uqkn"i gqmi {."ugerkqpu"405/407+0=cpf "5+"Cuuqekcrkpi "gcej "rcpf urkf g" y kj "y g"vko g"ugt kgu"qh"y gcy gt"f cvc"cv"ku"mecvkqp"*ugerkqp"408+0"Vj gug"y tgg"urgru"ctg" lo r rgo gpvgf "kp"cp"kp/j qwug"cni qt kj o "y cv"ku"twp"htqo "c"÷o ckpø"hkrg."y j kej "ecmu"c"ugv"qh" hwperkqpu"y cv"gz gewg"gcej "qh"y gug"urgru0Gcej "qh"y gug"hwperkqpu"ecmu"kp"wtp"c"ugv"qh"urd/ hwperkqpu. "q"eqo r wg"ur gekhke"eqo r qpgpvu0

404" Ncpf urkf gu

Ncpf utkf gu''eqmgevgf 'htqo ''xctkqwu''uqwtegu''r tqxkf g''y g''dcuke''kpr wi'hqt''y g''f cwdcug0'Vj g''ncpf utkf g'' nqecvkqp''cpf ''vko g''qh''qeewttgpeg''ctg''wugf ''vq''cwtkdwg''gcej ''ncpf utkf g''y kyj ''c''ugvi'qh''r ctco gvgtu0'Vj ku'' ugevkqp''f guetkdgu''ncpf utkf g''f cwc''uqwtegu. ''r tqeguukpi ''o gvj qf. ''cpf ''f cwcdcug''r ctco gvgtu''y cv''ctg'' gz vtcevgf ''f ktgevn{''htqo ''y g''f cwc''uqwtegu0

40408" Ncpf urkf g'f cvc''uqwtegu

Vj gtg"ctg"c'y kf g'xctkgv{ "qh'hcpf utkf g"f cvc'uqwtegu"kpeqtr qtcvgf "kpvq"vj g"f cvcdcug."gcej 'y kj " f kthgtgpv'v{ r gu"qh'kphqto cvkqp."kpenwf kpi "hcpf utkf g"nqecvkqp."f cvg."tkj qnqi { "gve0"kp"vj ku'ugevkqp." yj gug"uqwtegu"ctg"f guetkdgf "cpf "f cvc"ej qkegu"f qewo gpvgf 0

4040803" J knytlech'ncpf unkf g'f cvc

4040B0B" WUI U'j kuvqtkecn'f cvc

Hqmqy kpi ''y g''wduxcpvkcn'ncpf urkf g''cevkxk{ ''cuuqekcvgf ''y kj ''J wttkecpg'Ci pgu.''y g''WU'I gqmi kecn' Uwtxg{ ''*WUI U+'gpf gcxqtgf 'kp''y g''3; 92u''cpf ''3; : 2u''vq''eqo r tgj gpukxgn{ ''o cr ''ncpf urkf gu''kp'' UY RC0'Vj g''f cvc''cpf ''o gy qf u''ctg''f guetkdgf 'kp''y g''nqmy kpi ''f qewo gpvv<'Dtki i u''gv''cr0*'3; 97+''cpf '' Rqo gtq{ ''*3; : 4+0*P qvg''y gtg''ctg''pwo gtqwu'hlgrf ''o cr ''uwf kgu.''qr gp''hlrg''tgr qtvu.''cpf ''qy gt'' o kuegncpgqwu''f qewo gpwu''pqv'ekgf ''j gtg0'Hqt ''c''eqo r tgj gpukxg''hluv'r ncug''eqpuwnv'y g''WUI U'' Rwdnlecvkqpu''Y ctgj qwug0+'Kp''cff kkqp.''cm''qh''y g''o cr u''qh''ncpf urkf gu''ctg''uecppgf.''qti cpk gf.''cpf '' cxckrcdng''htqo ''y g''RC ''F EP T<

><u>j wr u<lly y y (f ept() c() qx II gqmqi { II gqmqi keJ c| ctf u1Ncpf urkf gu1Rci gu1f ghcwn()cur z</u>@

Vj g'Uqwj y guvgtp'Rgppu{nxcpkc'Eqo o kuukqp'*URE+'r tgxkqwun{'f ki kkţ gf 'cm'qh'yj g'õo qf gtpö'' ncpf urkf g'hqqvr tkpwi*Kg0'ncpf urkf gu'xkukdng'kp'3; 95''cgtkcn'ko ci gt {+'hqt''URE 'eqwpvkgu'*Kg0''yj g{'f q'' pqv'kpenvf g'Enctkqp''cpf 'Lghlgtuqp''eqwpvkgu'kp''RgppF QV'F kuvtkev'32+0'Vj gug'f cvc''ctg''cxckrcdng''qp'' Rgppu{ nxcpkc''Ur cvkcn'F cvc''Ceeguu''*RCUF C.'><u>y y y 0 cuf c0 uw0gf w</u>@0'Vj gug'f cvc''qpn{ 'kpenvf g''y g'' ncpf urkf gu''qeewttkpi 'kp''y g''3; 92u''cpf 'f q''pqv'kpenvf g''y g''o cr r kpi ''qh''ōQnf ö''ncpf urkf gu'kpenvf gf 'kp'' y g'o cr ''ugtkgu0

Cu'r ctv'qh'y g'f cwdcug'r tqlgev.'kp''eqo dkpcvkqp'y ky "qy gt'y qtm'cv'y g'Wpkxgtukv{ "qh'Rkvudwti j " *g0 0"encuu'r tqlgevu+'y g'j cxg''dggp''f ki kkt kpi "cm'hgcwtgu'o crrgf 'f wtkpi 'y g''WUI U'y qtm0'Cevkxg" ncpf urkf gu'kp''Lghtgtuqp''cpf 'Enctkqp'Eqwpvkgu''o crrgf ''d{ ''y g''WUI U''qp''y g''hqmqy kpi ''vqrq''uj ggw ctg'kpenwf gf ''kp''y g''f cwdcug<''Eqqnurtkpi .''F c{ vqp. ''F kuvcpv.''Gcuv'Dtcf {.''Rctngt.''Uki gn''cpf '' Vgo rngvqp0

4040B064" Y km/co 'Cfco u'f kuugtvcvkqp'fcvc

Ncpf urkf g''nqecvkqpu''kp''Cmgi j gp{ 'Eqwpv{ 'tgeqtf gf ''cu''r ctv'qh''Y knkco ''Cf co uø'f kuugtvcvkqp'' tgugctej 'y gtg'f ki kkk gf ''htqo ''y g''o cr u''kp''y g''f kuugtvcvkqp''*Cf co u''Lt0''3; : 8+''cpf ''kpenvf gf ''kp''y g'' f cvcdcug0

Vj gug'f cvc''ctg''f ktgevn{ 'f gtkxgf 'htqo 'Hki wtg'38'kp''y g''f kuugtvcvkqp0'Qpn{ 'unqr gu'kpf kecvgf 'kp''y g'' f kuugtvcvkqp''cu''öUnqr g'O qxgo gpvu''Hkgrf ''Xkuksgf ö''cpf ''õUnqr g'O qxgo gpvu''Wugf 'kp''Xgtkhkecvkqp''qh'' O qf grö''y gtg''wugf 'kp''y g''f cvcdcug0'õUnqr g'O qxgo gpvu''Kpxgpvqtkgf ''Dwi'P qv'Hkgrf ''Xkuksgf ö''y gtg'' pqv'kpenvf gf 'kp''y g''f cvcdcug0'Vj g''rcdgri'pco gu''qp''Hki wtg''38''kp''y g''f kuugtvcvkqp'y gtg''wugf ''cu''y g'' qtki kpcri'rcdgri'kp''y g''f cvcdcug0

4040806" Crhtgf 'Cengpj gkd'f kuugt vorkqp'f ovo

Ncpf utkf g''nqecvkqpu'kp'Cmgi j gp{ 'Eqwpv{ 'tgeqtf gf 'cu'r ctv'qh'Cntgf 'Cengpj gkn/u'f kuugtvcvkqp'' tgugctej 'y gtg'f ki kkl gf 'htqo ''y g''cdng''qh'ncpf utkf gu'kp''y g'f kuugtvcvkqp''*Cengpj gkn''3; 76+0

Uqo g"qh'y g"utkf gu'kpf kecvgf "kp"y g'Cengpj gkti'y guku"ctg"ugr ctcvg"htqo "y j cv'y g"tghgt"vq"cu" ncpf utkf gu."cu"y g{ 'y gtg"vtgpej "qt"hqwpf cvkqp"eqmcr ugu0J gpeg."uvej "gxgpvu"y gtg"pqv"kpenvf gf "kp" y ku"f cvcdcug"*pvo dgtgf "d{ 'Cengpj gktlcu"utkf gu": ."5: ."63.'95.'96.': : ."; 5+0

Vj gtg"ctg"o wnkr mg"nepf unkf gu"kp"ýj g"Cemppj gkrif cvc"ýj cv"j cxg"co dki wqwu"mqeckqp"f cvc0Hqt" gzco r ng. "ýj gtg"ku"c"unkf g"kp"3; 5: "ýj cv"qeewtu"uko r n{ "kp"öUgy kemmg{ "Htguj "Ckt"Heto ."Hekt"Qemu" Vy r 06"*Uhkf g"pwo dgt"6"kp"Cemppj gkrøu"f kuugtvckqp+0'Y j krg"ýj gtg"ku"tgeqtf "qh"ýj ku"mqeckqp."kv"ku"c" neti g"r ctegnlepf "ýj gtg"ku"pq"hwtyj gt"kphqto cvkqp"edqw"y j gtg"qp"ýj g"r tqr gtv{ "ýj g"unkf g"qeewttgf 0"Kp" ýj gug"ecugu. "ýj gtg"ctg"pq"eqqtf kpcvgu"r tqxkf gf "kp"ýj g"f cvcdcug0'Vj g"unkf g"KF "pwo dgtu"i kxgp"kp" Cemppj gkrøu"ýj guku"y gtg"wugf "cu"ýj g"qtki kpeninedgrikp"ýj g"f cvcdcug0 4040304" Eqpugo r qtct { "ncpf unkf g"f cvc

404080408" RgppF QV'f kuxtevi'i gqvgej plecn'gpi kpggtkpi 'tgeqtf u RgppF QV'f kuxtevu''32.''33.''cpf ''34''cm'r tqxkf gf ''ur tgcf uj ggvu''qh''rcpf urkf gu''yj cv'j cf ''qeewttgf " y kj kp''yj g'tgrgxcpv'f kuxtev''qxgt''tgegpv''{ gctu0'K/ku'ko r qtvcpv''vq''pqvg''yj cv'pqpg''qh''yj gug''huvu''y gtg'' r tgugpvgf ''cu''eqo r tgj gpukxg''cpf 'tghrgev'tgeqtf u''ngr v'cu''r ctv''qh'f kuxtev''qr gtcvkqpu''dw''pqv'' pgeguuctkn{ ''cp''gzj cwurkxg''huv''qh''rcpf urkf gu0

RgppF QV'F kntlev'32'r tqxlf gf 'c'ur tgcf uj ggvlp'Hgdtwct { '4245'lpenwf kpi 'ncpf urlf gu'tgr qtvgf 'cu'' gctn{ 'cu''3; 970RgppF QV'F kntlev'33'r tqxlf gf 'c'ur tgcf uj ggvlp'O c { '4244'lpenwf kpi 'ncpf urlf gu'' dcem'vq''42370RgppF QV'F kntlev'34'r tqxlf gf 'c'htrvlp'Lwpg''4244'lpenwf kpi 'ncpf urlf gu''dcem'vq'' 4237.'cpf 'cp''cf f klapcn'uj qtv'htrv'qh'qnf gt''urlf gu'lp'Qevqdgt''42450

404030404" Cmgi j gp{ 'Eqwpv{ 'hcpf unkf g'f cvc

Cmgi j gp{ 'Eqwpv{ 'F gr ctvo gpv'qh'Rwdnke 'Y qtmu'r tqxkf gf 'c'ur tgcf uj ggv'qh'y gkt 'unkf g'f cvc'dcem' y tqwi j '4235''vq''y g'Rkw'Vgco 'kp''Hgdtwct{ "qh'42450'Kp''cf f kkqp. 'eqr kgu''qh''cm'cxckrcdng''f ki kcn' ncpf unkf g''cuuguuo gpv''cpf 'tgr ckt'r tqlgevu''y gtg''r tqxkf gf ''cv'y cv'yo g0

404080405" Ekx{ "qh'Rkvudwti j 'rcpf urkf g'f cvc

Vj g'Ekv{ "qh'Rkvudwti j 'F gr ctvo gpv'qh'O qdkrkv{ "cpf 'Kphtcuvtwewtg'*F QO K+'r tqxkf gf 'c" ur tgcf uj ggv'qh'rcpf urkf gu'kp'P qxgo dgt "qh'42440

404080406" 533'Ncpf urkf g'f cvc'*Ekx{ ''qh'Rkvudwtij +

Kp"cf f kkqp'\q'\j g'F QO Khcpf urkf g'hkuv."cmltgr qt ul'qhlhcpf urkf gu'\q'\j g''533/tgr qt vkpi ''u{ uvgo ''y gtg'' ceeguugf ''xkc"\j g''Y guvgtp''Rgppu{nxcpkc"T gi kqpcn'F cvc"Egpvgt"*Y RTF E+" *>j wr u<lif cvcly r tf elqti lf cvcugvl533/f cvc</u>@Vj g''y qtmkpi 'hkuv'wkd\ gf 'kp"\j ku'f cvcdcug'y cu'' ceeguugf 'kp"F gego dgt"4244"cpf 'kpenvf gu'hcpf urkf gu'dceml\j tqwi j '42370C"htcevkqp"qh'\j g'' ncpf urkf gu''qeewttkpi 'kp'423; '*99''urkf gu+'y gtg'hkgrf 'xcnkf cvgf .'tgxgcn\pi '\j cv'&92' ''qh'\j g''533'' tgr qtvgf ''urkf gu''eqkpekf gf ''y kj ''urkf gu''qdugtxgf ''kp''y g'hkgrf ''%Q0''qeewttgf ''y kj kp''3220 ''qh'\j g''ukg'' tgr qtvgf +0'Qh'\j g'tgo ckpkpi ''urkf gu ''cdqw'c''y kf ''%9''urkf gu+'y gtg''cuuqekcvgf ''y kj ''f wr nkecvg''urkf g'' tgr qtwl *T qj cp. ''Y qpf qmy unk'cpf ''Uj grgh ''4243+0'Vj g''533''f cvc''ku'r tgugpvgf ''cu''f qy pmcf gf ''cpf '' f qgu''pqv'tghrgev'cp{''o qf khkecvkqp''dcugf ''qp''y gug''S C'tguwnu0'Vj g''533''f cvc''ugv'kpf gz ''wugf ''d{''vj g'' Y RTF E''cdng''ku'kpenvf gf ''cu'\j g''qtki kpcn'rcdgn'kp''j g''f cvcdcug0

404080407" O kuegnopgqwu'C mgi j gp{ 'Eqwpv{ 'nopf utkf g'f cvc Hqtguv'J kmu'Dqtqwi j 'r tqxkf gf 'c'hkuv'qh'tgegpv'utkf gu'*dcem'vq'423: +'kp'O ctej '42450

404080408" PCUC'i mqdcn'ncpf urkf g'f cvc

Vj g'P cvkqpcn'Cgtqpcwkeu''cpf ''Ur ceg''Cf o kpkuvtcvkqp'*P CUC+''Ncpf urkf g'Tgr qukqt { '*Mktuej dcwo " gv'cn''4232=''Mktuej dcwo .''Ucprg{ ''cpf '\ j qw.'4237+'y cu''ceeguugf ''qp''3213214245''cpf ''ncpf urkf gu'' qeewttkpi ''y kj kp''y g''eqwpvkgu'hqto kpi ''RgppF QV'F 32.''F 33.''cpf ''F 34''y gtg''kpenwf gf ''kp''y g'' f cvcdcug0F cvc''y cu''qdvckpgf ''htqo ''

>j wr u<lo cr u(peeu(pcuc() qx lctei kuluj ctkpi leqpvgpvlkgo ulgge9cgg: f4g262e9d: f5gg7hf2g2f9d; 1" fcvc@

40404" Rtqeguukpi "qh'ncpf unkf g'f cvc

Ncpf utf gu'htqo "f khgtgpv'uqwtegu"y gtg"ci i tgi cvgf "\q"c"\vpkhgf "\cdng'\y tqwi j "cp"\p/j qwug" cn qtkj o "eqf gf "\p'O C VNCDO'Vj g"cn qtkj o "tgcf u"gcej "qpg"qh'\y g"ncpf utf g"f cvcugu"qtki kpcvgf " htqo "f khgtgpv'f cvc"uqwtegu"%g0 0'533. 'F kntlev'34"gve0#.'kp"\y g"hqto "qh'eux"qt"znn'hkg"%l0g0'eqo o c" ugr ctcvgf "xctlcdng"cpf "gzegnihkgu.'tgur gevkxgn{ +0Kp"uqo g"ecugu"%g0 0'RgppF Q V'f kntlev'f cvc+." eqqtf kpcvgu"y gtg"f gtkxgf 'htqo "kpj qwug"necvkqp"hqto cvu"%l0g0'\y g"Ucvg"T qwwgIUctv" Ugi o gpvlUgi o gpv'Qhhugv'u{ uvgo +0Kp'\y gug"ecugu.'y j krg"gpf "ugi o gpv'f cvc'y cu'uqo gvko gu" cxckredng.'kv'y cu'nguu"eqpukuvgpv'\y cp"uvctv'ugi o gpvlkphq.'uq"necvkqpu'y gtg"dcugf "wpkhqto n{ "qp" uvctv'ugi o gpv'cpf "qhhugv0Kp"qy gt "ecugu'%g0 0'Cengpj gkn "Ekx{ "qh"Rkvudwti j +'urlf gu'y gtg" i gqmecvgf "htqo "kj g"uqwtegu"qwrlpgf "cdqxg"y gtg"wugf '\q"r qr wrcvg"c"\cdng"y kj "c"eqpukuvgpv" ugv'qh'dcuke'kphqto cvkqp"cdqwi'\y g"ncpf urlf g0

Vj g"qtki kpcn'ncdgnu"qh'yj g"ncpf urkf g."kh'yj g{ "y gtg"r tqxkf gf "kp"yj g"f cvc"uqwteg."ctg"r tgugtxgf "kp"yj g" =Ncdgnø'r ctco gygt"*KQ0"eqnvo p+"vq"gpcdng"gcu{ "hkpnkpi "dgw ggp"urkf gu"kp"yj g"f cvcdcug"vq"urkf gu"kp" yj g"uqwteg"hkn0"Kp"cf f kkqp."c"wpks wg"KF "ku"cuuki pgf "vq"gcej "ncpf urkf g"dcugf "qp"yj g"f cvc"uqwteg0' Vj g"f cvc"uqwteg"ku"cnuq"tgeqtf gf "kp"c")F cvcUqwteg)"eqnvo p"vq"r tqxkf g"f cvc"tcenkpi "ecr cdkrkkgu0' Cv'yj g"o kpko wo."c"ncpf urkf g"kp"yj g"vcdng"y kn"j cxg"c"f cvc"uqwteg."ctp"KF 0

40405" Ncpf urkf g'r ctco gygtu

Vj g'r ctco gvgtu'dgmy "ctg'r ctco gvgtu'gz vtcevgf 'f ktgevn{ "htqo "vj g'hcpf urkf g'f cwc''uqwtegu0P qv'cm' r ctco gvgtu'gz kuv'hqt "gcej 'hcpf urkf g. "cu''y ku''f gr gpf u''qp''y g''f gvckuu''y cv''y gtg'r tqxkf gf 'hp''y g''f cwc'' uqwteg0

IF <'Ncpf utlf g'IF 'ur gelthe'hqt''y g'f cvcdcug. 'kpenwf gu''y g'f cvc''uqwteg'*533. 'WUI U.'F 32. 'gve0+'' hqmqy gf ''d{ ''c'pwo dgt'*1020'F 32/3+0IF ''pwo dgtu''ctg''dcugf ''qp''tcpngf ''qtf gt''qh'y g''ncpf utlf gu''htqo '' gcej 'f cvc''uqwteg'htqo ''uqwj ''q''pqt'y ''dcugf ''qp''y gkt''ncvkwf gu0'Utlf gu'y kj ''gzcevn{ ''y g''uco g'' ncvkwf g''cv'f cvcdcug'r tgekulqp''ctg''qtf gtgf 'htqo ''y guv''q''gcuv0

FcwUqwteg Vjg"pcog"qh'yjg"fcw"uqwteg"*10g0"533."WUIU."F32."gwe0"ykjqw"cp"IF"pwodgt+0

Qt ki kpcrlNcdgn, Vj g''qt ki kpcrl'rcdgnu''qh''y g''rcpf utkf g'kh''y g{ "gz ku 0'Vj ku''cko u''q''gpcdrg''rkprkpi " dgw ggp''utkf gu'kp''y g'f cvcdcug''q''utkf gu'kp''y g''tgur gevkxg''uqwteg''ku 0 Nc vkwf g <'F geko cn'f gi tggu'pqt yi 'qh'yi g'Gs wcvqt0

Nqpi kwf g \leq F geko cn'f gi tggu'y guv'qh'y g'Rtko g'O gtkf kcp'*d{ 'eqpxgpvkqp''y g'y guvy ctf 'f ktgevkqp'' ku'kpf kecvgf ''d{ ''c''pgi cvkxg'xcnvg+0

Eqwpv(<'Eqwpv('y j gtg''ncpf urkf g''qeewttgf.'kpj gtkgf 'htqo 'f cvc''uqwteg''qt''ur cvkcn's wgt {0

Owpkekr crks < O wpkekr crks < 'y j gtg'ncpf urkf g'qeewttgf.'kpj gtksgf 'htqo 'f cvc'uqwteg''qt''ur cvkcn's wgt {0

Ucvg'tqwg<Kpenwf gf 'hqt'RgppF QV'f cvc0Tqwg'pwo dgt ''qh'tqwg''pgct''ncpf urkf g''qeewt gpeg0

Uctv'Ugi o gpv''Ipenwf gf 'hqt'RgppF QV'f cvc0'Uctv'ugi o gpv''qh'tqwg''ugevlqp''y j gtg''ncpf urlf g'' qeewttgf 0

*Qhugv'ht qo 'iuct v'ugi o gpv'*hv+* "Kpenwf gf 'hqt 'RgppF QV'f cvc0'Qhugv'ht qo 'uvct v'ugi o gpv'qh't qwg'' ugevkqp''y j gtg''ncpf urlf g''qeewt tgf 0

Cdqxg''qt ''dgrqy ''tqcf <'F guetkdgu'y j gy gt 'y g'rcpf urkf g''ku'cdqxg'*C+''qt ''dgrqy ''*D+'y g''tqcf ''kp''y g'' eqpvgzv'qh'rqecn'grgxcvkqpu0CD'o ctmu'y cv'kv'qeewtu''dqy ''cdqxg''cpf ''dgrqy 0

*Utlf g'\f r g'*F EPT''erc uulktkec vkqp* +<'F guetkdgu'\y g''rcpf utkf g'\f r g''hqmqy kpi 'F EP T''erc uulktkec vkqp'' *F grcpq''cpf ''Y knj wugp.''4223+'*Ecvgi qtkgu'kpenvf gf 'kp'\y g''f cvcdcug<'F gdtku''cxcrcpej g.'F gdtku'' hrqy .'F gdtku''utkf g.''Gct y hrqy .''O wf hrqy .'Tqem'hcm''Tqem'unvo r .''Unvo r .''cpf ''Uqkti'etggr .''hqt''o qtg'' f gvckni''ugg''ugevkqp''608+0

*Ncpf unkf g"ct gc "*h4*+-"Vj g"ct gcn'gz vgpv'qh'unkf g"o cvgt kcnu0

*Ncpf unkf g'f qy punqr g'f kur nc ego gpv'*hv+*<'Vj g'o ci pkwf g'qh'f qy punqr g'f kur ncego gpv'cu'tgeqtf gf " htqo "yj g'ncpf unkf gøu'j gcf "uectr '\q'yj g'pgctguv'qeewttgpeg'qh'twp''qwv'o cvgtkcn*Hki wtg'40403+0



Hi wt g'404080Uej go cvke''qh''ng{ ''rcpf urkf g'f ko gpukqpu'kpenwf gf 'kp''yj g'f cvcdcug0P qvg. ''yj ku'' uej go cvke''o c{ ''pqv'cr r n{ ''vq''tqemhcmu'i kxgp''f khgtgpegu'kp''tgngxcpv'r tqeguugu0

F gr y '' q'' hc kwt g'' r nc pg''' h+<'V j g'' f gr y '' q'' y g' hc kwt g'' r nc kp'' cu't geqt f gf 'ht qo '' hg ff ''q dugt xc v qp u.'' eqt gu'' qt '' cr kng''' Hk wt g'' 404 B+0

O qpyj **d** qpyj **d** hropf urkf g'qeewttgpeg0

Fc{<Fc{"qh"mcpf urkf g"qeewttgpeg0

[gct <[gct 'qh'hcpf unkf g''qeewttgpeg0

R″ |^ ÁFÉÆG€GI



His wt g'404040Uej go cvke"qh'ng{ "ur cvkcn'o gvt keu"kpenvf gf "kp"vj g"f cvcdcug0

405" Vqr qi tcr j {

Vqr qi tcr j { "kphwgpegu'y g'r ctvkkqpkpi "qh'y cvgt. "dkqvc."cpf 'r j { ukecn'uvtguugu'cetquu'y g'ncpf uecr g" cpf 'j gpeg'kphwgpeg'ncpf urkf g'qeewttgpeg0'V j ku'ugevkqp'f guetkdgu'vqr qi tcr j ke'f cvc'uqwtegu." r tqeguukpi 'o gy qf."cpf 'vqr qi tcr j ke'r ctco gvgtu'kpenvf gf 'kp'y g'f cvcdcug0

40508" Vqr qi tcr j ke'f cvc''uqwtegu

Vjg'\qrqitcrjke''cpcn{uku'tgnkgu''qp'fkikkcn'gngxcvkqp''oqfgnu'%FGOu+'yjkej''ctg''urcvkcm{''nqecvgf.'' wpkhqton{''itkffgf''cttc{u''qh''pwogtkecn'xcnwgu''yjcv'fguetkdg''uwthceg''gngxcvkqp0

4050806" NkF CT'f cvc Vj g'30 'tguqnwkqp'f cvc'y cu'ces wktgf '4228/422: 'cpf 'ku'f qy prqcf gf 'htqo $>j wr u
1y y y 0 cuf c0 uw0gf wlweklF cvcUwo o ct { 0 cur z Af cvcugv? 346: @$

4050804" 320 'F GO 'f cvc

Vj g'f cvc'ku'dcugf "qp''y g''WUI U'pcvkqpcn'gngxcvkqp''f cvcugv'*P GF +'*I guej "gv'cn''4224+'y j kej " tgrkgu'qp''y g''dguv'cxckrcdng''gngxcvkqp''f cvc''cv''gcej ''nqecvkqp."cpf ''ku''f qy pnqcf gf ''ht qo " >j wr u
1y y y tr cuf ctr uwtgf wlwektF cvcUwo o ct { (cur z Af cvcugv? 32)}



Hi wt g'46660T cy "šight+"cpf "uo qqy gf "štki j v+"F GO u0Vj g"ekteng"y kj "y g"f qv"kp"y g"egpyt" kmwut cyu"y g"ektewret "hkngt "wugf "hqt"uo qqy kpi "y g"F GO "šy g"ektewret "ctgc"ku"gs wkx cngpv"y q"y g" cxgtci g"ctgc"qh"y g"WUI U"cevkxg"qt"tgegpvn{"cevkxg"rcpf urkf gu"kp"y g"uwf {"ctgc+0Vj g"uo qqy gf" F GO "ku"r tqf wegf "d{"eqo r wkpi "y g"cxgtci g"gngxcvkqp"qh"cm"tcy "F GO "r kzgni"y kj kp"y g"ektewret" hkngt. "cpf "cuuki pkpi "y ku"cxgtci g"xcnvg"y j g"r kzgn'y cv"y g"ektem "ku"egpvgtgf "qp"*y j gtg"y g"f qv"ku" nqecvgf +0Tgr gcvkpi "y ku"r tqegf wtg"y j gp"y g"ektewret "hkngt"ku"egpvgtgf "qp"gcej "F GO "r kzgn" r tqf wegu"y g"uo qqy gf "F GO 0

40504" Rtqeguukpi "qh'\qrqitcrjke"fcvc

Vqr qi tcr j ke'r ctco gygtu'hqt 'gcej ''ncpf urkf g''nqecykqp''y gtg''eqo r wgf 'htqo ''y g''xcnwg''qh'c'tcuvgt'' r kzgri*qt'c'pgki j dqtj qqf ''qh'r kzgn+''cv'y g''ncpf urkf g''nqecykqp0'Rkzgri'xcnwgu''y gtg''eqo r wgf ''dcugf '' qp''cri qtky o ke''r tqeguukpi ''qh'c''F GO ''qh''y g''uvwf { ''ctgc.''o quvn{ ''cv'c''r kzgri'tguqnwkqp''qh'¢52''hv'' *Ugeykqp''4650804+01 kxgp''y cv'y g''v{r kecn'ctgc''qh''rcpf urkf g''ku''qhxgp''rcti gt ''y cp''y cv'qh'c'52''d{ ''52''hv'' F GO ''r kzgn''ur cykcm{ ''cxgtci gf ''qr qi tcr j { ''qxgt''c''uecrg''qh'c'v{r kecn'rcpf urkf g''ku''wugf ''q'' ej ctceygtkl g''y g''yqr qi tcr j ke''ej ctceygtkuykeu''cuuqekcygf ''y kyi ''y g''rcpf urkf g0'Uwej ''cxgtci kpi .''qhygp'' ygto gf ''uo qqyj kpi .''cnuq''j grr u'tgo qxg''nqecn'hwewcykqp''kp''y g''F GO ''r kzgri'xcnwgu'y cv'o c{ ''uvgo '' htqo "ctvkhcevu"cuuqekcvgf "y ký "ý g"eqpuvtwevkqp"qh'F GO u0'Y g"etgcvgf "c"uo qqy gf "F GO "d{" cr r n{kpi "c"ektewrct"cxgtci g"hkngt"*tcf kvu"? "372"hv."dcugf "qp"ý g"cxgtci g"ctgc"qh"cevkxg"ncpf urkf gu" kp"ý g"WUI U"f cvc+"qxgt"ý g"qtki kpcn"F GO "*Hki wtg"40508+0

O quv'qh'ý g''qr qi tcr j ke'r ctco gygtu'y gtg"eqo r wgf "dcugf "qp"ý ku'uo qqý gf 'F GO 0Vj g" eqo r wcykqp"y cu'f qpg"y ký 'O C VNCD. "dcugf "qp"kp"j qwug"cni qtký o u "eqo dkpgf 'y ký "ý g" Vqr q Vqqndqz "*Uej y cpi j ctv'cpf "Uej gtngt. "4236+"cpf 'O C VNCDøu'o cr r kpi ''qqndqz0'Y g" eqo r wgf 'c'tcugt "*KQ0''ur cykcm{ "nqcvgf ."wpkhqto n{ 'i tkf fg f'cttc{"qh'pwo gtkecn'xcnwgu+"qh'gcej "qh" y g''qr qi tcr j ke''r ctco gygtu'h qo 'y g''chqtgo gpvkqpgf ''uo qqy gf 'F GO 0'Vj g''rcvkwf g''cpf ''npi kwf g" xcnwgu''qh''gcej ''rcpf ukf g'kp''y g'f cvcdcug'*KQ0''ugevkqp''40405+."y gtg''y gp''wgf ''q"gz vtcev'y g''xcnwg''qh'' gcej ''qr qi tcr j ke''r ctco gygt 'htqo ''y g''eqttgur qpf kpi 'tcusgt ''kp''y g''nqcvkqp"qh''gcej ''rcpf ukf g0Kp'' uqo g''ecugu'*ukf gu'WUI U'4. '58: 5. '5943.'5928.'5935.'666; .'5695.4: 9: .''4: 35.''4572.''4264+" rcpf ukf gu''ctg''xgt { ''ennug''q'y g''uwf { ''ctgc''dqwpf ct { 0'Tcuygtk cykqp''cpf ''uo qqy kpi 'tguwngf 'kp'' gf i g''ghgewi'y j gtg''tcuygtu'y gtg''vtwpecvgf ''cv'y g''gf i gu0Cu''c'tguwnx''y gug''uff gu''f q''pqv'j cxg''o cp{ '' qh'y g'' g f' gtkxgf ''r ctco gygtu0

40505" Vqr qi tcr j ke"r ctco gvgtu Grgxcvkqp "∜nv+<

Cuuqekcvkqp'y kj 'hcpf utkf gu<'Grgxcvkqp'eqttgrcvgu'y kj 'vgo r gtcwrtg.'r tgekr kcvkqp.''cpf ''xgi gvcvkqp0' Ko r qtvcpvn{.'kp''ctgcu''qh''r tgf qo kpcpvn{''j qtk qpvcn'dgf f kpi .''uwej ''cu''kp''ncti g'r qtvkqpu''qh'UY RC.''kv'' cnuq''eqttgrcvgu'y kj 'hkj qmi {0'Cm''qh''y gug'r ctco gvgtu''o c{ ''chhgev'ncpf utkf g''qeewttgpeg''y tqwi j '' gtqukqp.''r qtg''r tguuwtg.''htgg| g''y cy .''cpf ''uwduvtcvg''r tqr gtvkgu0

F guetkr vkqp<'Vj g'f cvcdcug'uj qy u'vj g''grgxcvkqp''cdqxg''o gcp''cxgtci gf ''ugc''rgxgrihqt''vj g''rcpf urkf g'' r qn{i qp''egpvtqkf ''qt''vj g''rcpf urkf g''r qkpv''rqecvkqp''dcugf ''qp''vj g''uo qqvj gf ''F GO 0

Nqecn't grkgh'*hv+<

Cuuqekcvkqp'y kj "rcpf urkf gu<'Nqecn't grkgh'f guetkdgu'y g'tcpi g''qh''grgxcvkqp''xcnvgu''qxgt''c" r tguetkdgf ''uecrg. "cpf 'j gpeg'ku''c''i gpgtcri's vcpvkhecvkqp''qh''rcpf uecr g''uvggr pguu''qxgt''y ku''uecrg0' J gtg''kv'ku''ecrewrcvgf ''qxgt''c''v{r kecn'j kmurqr g''uecrg''cpf 'j gpeg''tgr tgugpvu''y g''uvggr pguu''qh'j km'' urqr gu''cu''c''ng{ ''rcevqt''kp''rcpf urkf g''kpkkcvkqp0

F guetkr vkqp<'Nqecn'tgrkgh'kp''gcej 'F GO 'r kzgn'ku''eqo r wgf 'htqo 'vj g''uo qqvj gf 'F GO 'wukpi " Vqr qVqqndqz'*c'O C VNCD'dcugf ''ugv'qh'vqr qi tcr j ke''cpcn{ uku''cni qtkj o u. "*Uej y cpi j ctv'cpf " Uej gtngt.''4236++''cpf ''eqo r wgu''yj g'f khgtgpeg''dgw ggp''yj g''j ki j guv'cpf ''nqy guv'gngxcvkqpu''y kj kp''c'' ektewrct''ngtpgn'y j qug'tcf kwu''ku'': 42''hv'*v{r kecn'j kmmqr g''ngpi yj +''yj cv'ku''egpvgtgf ''qp''gcej ''r kzgn0

Unqrg"∜gitggu+<

Cuuqekcvkqp'y ký "rcpf urkf gu<"Vqr qi tcr j ke "urqr g"chhgevu'ý g"tgrcvkxg"o ci pkwf g"qh'ý g"i tcxkcvkqpcn" uj gct"cpf "pqto cn'hqtegu"ý cv'f tkxg"cpf "tgukuv"rcpf urkf g. 'tgur gevkxgn{ .'cu'y gn"cu'd{ "ej cpi kpi 'ý g" xgrqekx{ "qh"uwthceg"cpf 'i tqwpf y cvgt "hrqy u."cpf "cuuqekcvgf "gtqukqp"cpf kqt"r qtg"r tguuwtg0 F guetkr vkqp<'Uqr g'y cu'eqo r wgf 'htqo ''y g''uo qqy gf 'F GO ''cu''y g''vqvcn'i tcf kgpv'eqo r wgf ''qxgt''c'' 5, 5''ngtpgf)

Vqrqitcrj ke'tqwijpguu'*hv+<

Cuuqekcvkqp'y kj "ncpf urkf gu<'Vqr qi tcr j ke'tqwi j pguu'f guetkdgu'j qy "twi i gf 'y g'vgttckp'ku."cpf " twi i gf pguu'o c{"dg"cuuqekcvgf 'y kj "nqecn'unqr gu."vqr qi tcr j ke'f gr tguukqpu."cpf "hkj qnqi {.'y j kej " o c{"chhgev'y cvgt "hnqy ."ceewo wncvkqp."cpf "o cvgtkcn'r tqr gtvkgu."cpf "j gpeg'r tqr gpukv{ "hqt" ncpf urkf gu0

F guetkr vkqp<'Tqwi j pguu'y cu'eqo r wgf ''cu'y g''uvcpf ctf 'f gxkcvkqp''qh''grgxcvkqp''f khgtgpegu'' dgw ggp''y g''qtki kpcn'F GO ''cpf 'F GO ''y cv'ku'uo qqy gf ''y ky ''c''ngtpgn'qh'372'hv'tcf kwu0

Cur gev'*c/ko wj cnff gi t ggu."enqemy kug'h qo 'pqt yi +

Cuuqekcvkqp'y ky "rcpf urkf gu<Cur gev^{*}qtkgpvcvkqp"qh'urqr g+'ku'cuuqekcvgf 'y ky 'y g'o ci pkwf g'qh' uqrct'tcf kcvkqp"qxgt'y g'urqr g'cpf ''qtkgpvcvkqp'tgrcvkxg''vq'r tqo kpgpv'y kpf 'f ktgevkqp0J gpeg'kv'o c{" eqxct{'y ky "gxcr qvtcpur ktcvkqp.'xgi gvcvkqp"eqxgt."cpf ''upqy r cent'y j kej "ecp"chbgev'uqktlucwtcvkqp" cpf "eqj gukqp"cpf 'j gpeg'r tqr gpukv{ 'hqt 'rcpf urkf gu0

F guetkr vkqp<'Cur gev'kp''gcej 'F GO 'r kzgn'ku''eqo r wgf 'htqo ''y g''uo qqyj gf 'F GO ''wukpi '' Vqr qVqqndqz '*c''O C VNCD''dcugf ''ugv'qh''vqr qi tcr j ke''cpcn{ uku''cni qtkj o u. '*Uej y cpi j ctv'cpf '' Uej gtngt. ''4236++''cpf ''eqo r wgu''y g''unqr g''qtkgpvcvkqp''cv''y g''ncpf utkf g''nqecvkqp0

Ftckpcig"ctgc"*h4+<

Cuuqekcvkqp'y kj 'mpf urkf gu<F tckpci g"ctgc"eqttgmvgu'y kj 'vj g"s wcpvkv{ "qh'y cvgt 'vj cv'f tckpu'vq'vj g" mpf urkf g"nqecvkqp."cpf 'j gpeg'ku'r qvgpvkcnhqt"mpf urkf g'i kxgp'vj g"cuuqekcvkqp"dgw ggp'ucwstcvkqp." r qtg'r tguuwtg."cpf "mpf urkf kpi 0

F guetkr vkqp<'F tckpci g"ctgc"kp"gcej "F GO "r kzgn"ku"eqo r wgf "htqo "ý g"pwo dgt"qh'F GO "r kzgnu'ý cv" f tckp'vq"c"r kzgn"qh"kpvgtguv."cpf "ku"eqo r wgf "htqo "ý g"uo qqy gf "F GO "wukpi "Vqr qVqqndqz"*c" O CVNCD"dcugf "ugv"qh"vqr qi tcr j ke"cpcn{ uku"cni qtky o u."*Uej y cpi j ctv"cpf "Uej gtngt."4236+++0

Y gypguu'kpf gz "*kpf gz "xc nwg+<

Cuuqekcvkqp'y ký "rcpf utkf gu<"Y gypguu'kpf gz "o qf gnu'ý g'r qygpvkcnhqt "y cvgt "ceewo wrcvkqp"kp"gcej " rcpf uecr g'r qukvkqp"*j ki j "xcnvgu'kpf kecvkxg"qh'j ki j "ceewo wrcvkqp"r qvgpvkcn+."cpf "j gpeg"ku" r qvgpvkcnhqt"rcpf utkf g'i kxgp"ý g"cuuqekcvkqp"dgwy ggp"ucwtcvkqp."r qtg"r tguuvtg."cpf "rcpf utkf g0

F guetkr vkqp<"Y gypguu'kpf gz'kp''gcej 'F GO 'r kzgniku'eqo r wgf 'htqo ''y g''pcwtcninqi ctky o ''qh'y g'' tcvkq''dgw ggp''y g''ctgc'*hv+''y cv'f tckpu''q''y g''r kzgni'cpf ''y g''qr qi tcr j ke''unqr g'*hvlhv+''qh'y g''r kzgni' *dqy ''eqo r wgf 'htqo ''y g''uo qqy gf 'F GO ''wukpi ''Vqr qVqqndqz'*c''O C VNCD''dcugf ''ugv'qh'' vqr qi tcr j ke''cpcn{ uku''cn qtky o u. '*Uej y cpi j ctv'cpf ''Uej gtngt.''4236+++0

J knungr g'Rqukskqp'*nt c evkqp'2/3+<

Cuuqekcvkqp'y ký "ncpf urkf gu<Rctco gvgtu'uvej "cu'vqr qi tcr j ke'i tcf kgpv."ewtxcwstg."uqkrlvj kempguu." cpf "ftckpci g"ctgc"v{r kecm{ "ej cpi g"f qy p"c"j kmurqr g"%g0 0"ftckpci g"ctgc"kpetgcugu."uqkru"dgeqo g" yj kemgt+0I kxgp"yj g"ghhgev'qh'uvej "r ctco gvgtu"qp"r qtg"r tguuwtg."uqkrlustgpi yj ."cpf 'uj gct"ustguugu." uvej "ej cpi g"o c{ "chhgev'yj g"r tqr gpukv{ "hqt "ncpf urkf kpi 0

F guetkr vkqp<'J kmmqr g''r qukkqp''ku''y g''t grc vkxg''qec vkqp''cmpi ''c''j kmmqr g.''y j gt g''xcnvgu''qh'2.''207.'' cpf ''3''t grt gugpv''y g''d cug.''o kf f ng''cpf ''qr ''qh''y g'j km''t gur ge vkxgn{0'Vj g''j kmmqr g''r qukkqp''ku'' cr r tqz ko cvgf ''cu''*\ /\ d+fT g.''y j gt g'\ ''ku''y g''g ngxc vkqp''cv''y g''ncpf utkf g''nqec vkqp.''\ d*ku''y g''nqy gto quv'' gngxc vkqp''qh''y g'j km''cr g' tcr j ke''t gtkgh'*Kg0''g ngxc vkqp''f khet gpeg''d gw ggp''y g'' j kmu''qr qi tcr j ke''t gtkgh'*Kg0''g ngxc vkqp''f khet gpeg''d gw ggp''y g'' j kmu''qr ''cpf ''d cug.''Hki wt g''40404+0\ d'cpf ''T g''ct g''cr r tqz ko cvgf ''d { ''hkpf kpi ''y g''o kpko wo ''cpf '' o cz ko wo ''g ngxc vkqpu''y kj kp''c''e ktewret ''ct gc.''e gpvgt gf ''qp''y g''ncpf utkf g.''y j qug''t cf kwu''gs wcm''c'' v{r kech'j kmmqr g''ngpi y ''*g: 42''h*t0

Fkucpeg''y'pgctguv'utgco "h+<

Cuuqekcvkqp'y kj "ncpf utkf gu<'F kncpeg'vq'pgctguv'uvtgco "ecp"ecr wvtg'y g'kphnvgpeg''qh'uvtgco " lpekukqp''qp''gtqukqp''cpf "uvggr gpkpi ''qh'j km'vqgu''cpf ''kpf wevkqp''qh''ncpf utkf g0

F guetkr vkqp<'Dcugf "qp"cp'CteI KU'cni qtkj o 'vj cv'etgcvgu'c'tcuvgt "qh'Gwenkf gcp"f kncpegu'htqo 'vj g" pgctguv'uvtgco '*KQ0'vj g'öF kncpeg'Ceewo wrcvkqpö'hwpevkqp+.'vj j gtg"uvtgco u'ctg"f ghkpgf "cu" rcpf uecr g'r qukskqpu'j cxkpi 'f tckpci g"ctgc'hcti gt'vj cp'6.722.222'h***dcugf "qp"c'v{ r kecn'f tckpci g" ctgc'vj tguj qnf 'hqt"ej cppgn'kpkkcvkqp+0F kncpeg'htqo "pgctguv'uvtgco 'ku'vj gp"uco r ngf 'htqo 'vj ku" tcuvgt0Ugg'Hki wtg'404040

Fkwcpeg'\q'pgctgw'tqcf '%w+<

Cuuqekcvkqp"y kj "ncpf utkf gu<"F knocpeg"\q"pgctguv"tqcf "ecp"ecr wtg"yj g"kphnvgpeg"qh"tqcf u"qp" j {f tqnqi {"cpf "\qr qi tcr j ke"o qf khkecvkqpu"%kg0"tqcf ewwu."tqcf "hkmu+"cpf "yj wu"dg"cuuqekcvgf 'y kj " r tqr gpukv{ "hqt"ncpf utkf gu0

F guetkr vkqp<'Dcugf "qp"cp"CteI KU"cri qtkj o "vj cv"etgcvgu"c"tcuvgt"qh"Gwerkf gcp"f kuvcpegu"htqo "vj g" pgctguv"tqcf "%1Qg0"vj g"õF kuvcpeg"Ceewo wucvkqpö"hwpevkqp+:"y j gtg"tqcf u "kperwf kpi "f ktv"tqcf u "ctg" dcugf "qp"vj g"eqo dkpcvkqp"qh"Ucvg"Tqcf u "Nqecn'Tqcf u "cpf "Wpr cxgf "Tqcf u"%Rgpp"Uvcvg"/"Egpvgt" hqt "F ktv"cpf "I tcxgn'Tqcf "Uwvf kgu."4234="Rgppu{ rxcpkc"F gr ctvo gpv"qh"Vtcpur qtvcvkqp."4246c." 4246d+0F kuvcpeg"htqo "pgctguv"tqcf "ku"vj gp"uco r ngf "htqo "vj ku"tcuvgt0Ugg"Hki vtg"404040

$Ogcp''ewtxcwtg''h/^3 +$

Cuuqekcvkqp'y ký "rcpf urkf gu<O gcp"ewtxcwtg'ku'cuuqekcvgf 'y ký 'ý g"eqpxgti gpegff kxgti gpeg"qh" y cvgt 'kp'r rcp'xkgy '*Ag0'xkgy gf 'htqo 'cdqxg+OO gcp"ewtxcwtg'kpetgcugulf getgcugu'urqr g" f qy putgco .''cpf 'j gpeg"eqo dkpgu'r qvgpvkcn'j {f tqrqi ke''cpf 'vqr qi tcr j ke''ghhgevu''qp''rcpf urkf g" qeewttgpeg0 F guetkr vkqp<'O gcp''ewtxcwtg''*Hki wtg''40504+'kp''gcej ''F GO ''r kzgn'ku''eqo r wgf 'htqo ''y g''uo qqy gf '' F GO ''wukpi ''Vqr qVqqndqz''*c''O CVNCD''dcugf ''ugv'qh''vqr qi tcr j ke''cpcn{ uku''cn qtkj o u.'' *'Uej y cpi j ctv'cpf ''Uej gtngt.''4236++''cpf 'tgngu''qp''y g''ewtxcwtg''qh''c''y q''f ko gpukqpcn'r qn{ pqo kcn'' uwthceg''eqo r wgf ''dcugf ''qp''c''5, 5''ngtpgn''egpygtgf ''cv''gcej ''F GO ''r kzgn'*Uej o kf v.''Gxcpu''cpf '' Dtkpmo cpp.''4225+0'Rqukkxg''cpf ''pgi cvkxg''xcnwgu''ctg''kpf kecvkxg''qh''eqpecxg'*ej cppgn+''cpf ''eqpxgz'' *tkf i gu+''rcpf hqto u.''tgur gevkxgn{0



Hi wt g'405040Knwuvtcvkqp"qh"ewtxcwutgu0Nghv"j cpf "eqnwo p"ku"eqpxgz"r ncphqto "%k0g0"o cr "xkgy +" ewtxcwutg"v{r gu."egpvgt"eqnwo p"ku"eqpecxg"r ncphqto "ewtxcwutgu."cpf "tki j √j cpf "eqnwo p"ku"r tqhkrg" ewtxcwutg"v{r gu0Hki wtg"o qf khkgf "htqo ">j wr u<1ly y y Qutk0eqo 1ctei ku/" dnqi 1r tqf wevulr tqf wevlko ci gt { 1wpf gtuvcpf kpi /ewtxcwutg/tcuvgtu1@

Rncpct "*ewtxcwtg*" $h^{/3} +$

Cuuqekcvkqp'y kj 'hcpf urlf gu<'Rrcpct''ewtxcwtg'*Hki wtg'40504+'ku''cuuqekcvgf 'y kj 'y g'' eqpxgti gpeg'f kxgti gpeg''qh'y cvgt''kp''r rcp''xkgy ''cpf 'j gpeg''f guetkdgu''vqr qi tcr j ke''ghhgevu''qp'' j kmurqr g''j {ftqrqi {''y cv'o ki j v'dg''tgrcvgf ''vq''ucwtcvkqp.''gtqukqp.''cpf ''rcpf urlf g''qeewttgpeg0

F guetkr vkqp<'Rrcpct 'ewtxcwstg''kp ''gcej 'F GO ''r kzgn'ku ''eqo r wgf 'htqo ''y g''uo qqy gf 'F GO ''wskpi '' Vqr qVqqndqz ''c ''O CVNCD''dcugf ''ugv'qh''vqr qi tcr j ke ''cpcn{ uku''cni qtky o u. ''*Uej y cpi j ctv'cpf '' Uej gtngt. ''4236++''cpf ''tgnkgu''qp ''y g''ewtxcwstg. ''r gtr gpf kewrct ''vq ''y g''uvggr guv'f guegpv'qh''c ''y q'' f ko gpukqpcn'r qn{ pqo kcn'uwthceg''eqo r wgf 'dcugf ''qp''c'5, 5''ngtpgn'egpygtgf ''cv'gcej 'F GO ''r kzgn'' *Uej o kf v.'Gxcpu''cpf ''Dtkpmo cpp.''4225+0'Rqukskxg''cpf ''pgi cvkxg''xcnwgu''ctg''kpf kecvkxg''qh''wr uvtgco *ej cppgn+''cpf ''f qy puvtgco ''*tkf i gu+''ewtxcwstg.''tgur gevkxgn{ 0

Rt qHarg"ewt xc wt g"#h/3 +<

Cuuqekcvkqp''y kj "ncpf utkf gu<'Rtqhkng"ewtxcwtg'*Hki wtg'3+'f guetkdgu'ej cpi gu'kp''vqr qi tcr j ke" i tcf kgpv'kp''y g'f ktgevkqp"qh'uvggr guv'f guegpv'cpf "o c{ "ecr wtg'r qvgpvkcn'ghtgev'qh'ej cpi gu'kp" i tcf kgpv'qp"ncpf utkf g'qeewttgpeg0

F guetkr vkqp<Rtqhkrg"ewtxcwtg"kp"gcej "F GO 'r kzgrlku"eqo r wgf 'htqo ''y g"uo qqy gf 'F GO ''wukpi " Vqr qVqqrdqz '*c'O CVNCD'dcugf ''ugv'qh'\qr qi tcr j ke"cpcn{ uku"cri qtkj o u. '*Uej y cpi j ctv'cpf " Uej gtrgt. '4236+'cpf 'tgrlgu"qp"y g"ewtxcwtg. 'kp'y g"f ktgevkqp"qh'uvggr guv'f guegpv."qh'c"y q" f ko gpukqpcrl'r qn{ pqo kcrl'uwthceg"eqo r wgf ''dcugf ''qp"c'5, 5''ngtpgrlegpvgtgf ''cv'gcej 'F GO ''r kzgrl' *Uej o kf v.'Gxcpu'cpf ''Dtkpmo cpp. ''4225+0Rqukkkg"cpf ''pgi cvkxg''xcnwgu''ctg"kpf kecvkxg"qh'f getgcugf '' cpf ''kpetgcug''urqr g'f qy puvtgco .'tgur gevkxgn{.'y j kej ''ctg'v{r kecm{ ''cuuqekcvgf ''y kj ''ej cppgru''cpf '' tkf i gu.'tgur gevkxgn{0

406" Uqkn

Uqkrl'ej ctcevgtkuvkeu'lphuvgpeg''y g'j {ftqnqi { "cpf "eqj gukqp"qh'luqku."cu'y gm'cu''y gkt "fgr y ."cpf " j gpeg"chhgev''y g''ej ctcevgtkuvkeu''qh'ncpf urkf gu''cpf ''y gkt 'hngrkj qqf 0

40608"Uqkrif cvc"uqwtegu

Uqkrl'ej ctcevgtkrkeu'y gtg"gzvtcevgf "htqo "vj g"UUWTI Q"f cvcdcug"*Uqkrl'Uvtxg{"I gqi tcr j ke." >j wr u<lly y y (<u>bteu0wf c0 qx ltguqwtegulf cvc/cpf/tgr qtvuluqkrl/uvtxg{/i gqi tcr j ke/f cvcdcug/</u>" uuwti q@0'UUWTI Q"ku"c"eqo r tgj gpukxg"uqkrlkphqto cvkqp"u{uvgo "o ckpvckpgf"d{"vj g"Wpkgf"Uvcvgu" F gr ctvo gpv'qh'Ci tkewnwtg)u'P cwtcrlTguqwtegu"Eqpugtxcvkqp"Ugtxkeg"*P TEU+"dcugf "qp"vj g" j kwqtkecn"eqwpv{"uqkrl'uvtxg{u'*Uqkrl'Uvtxg{"Ucth"4245+0

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Qpg'r ctco gvgt. 'vj g'r qtqukv{ "*f ko gpukqpnguu+'y cu'f gtkxgf "kpf ktgevn{ "htqo "ej qtk qp'f cvc"hqt "gcej " j qtk qp"d{ 'f kxkf kpi "vj g'dwmif gpukv{ "qh'y g'uqkt *kQ0"õy y ktf dctatö"kp"vj g'UUWTI Q"f cvcdcug+'d{ " s vctv| 'f gpukv{ "*4087"i ko 5+0"Vj ku'f kxkf gpf 'y cu'uvvd vcevgf "htqo "qpg"vq"f gvgto kpg"vj g'j qtk qp" r qtqukv{ 0"Vj gp"vj g'y gki j vgf "cxgtci kpi "hqt"uqknu "cu'f guetkdgf "cdqxg. "y gtg"cr r nkgf "vq"vj g'j qtk qp" cpf "eqo r qpgpv'r qtqukvkgu"vq"f gvgto kpg"vj g'z cxgtci g'uqkrir qtqukv{ 0

I kxgp''y g'wpegtvckpv{ 'kp''dqyj 'y g'mpf urkf g'mpecvkqp''cpf 'y g''uqkrl' ctco gvgt 'xcnvgu'*'uqkrl'o cr r kpi " ku'i gpgtcm{ 'dcugf ''qp''c''ukpi ng''f cvc''r qkpv'gxgt { 'hqwt''cetgu+.''uqkrl' ctco gvgtu'y gtg''uco r ngf 'htqo ''cp'' cxgtci g''qh''mpecrl'xcnvgu0'Uqkrl' ctco gvgt 'tcuvgtu'y gtg''uo qqyj gf ''d { ''cr r n{kpi ''c'ektewrct''cxgtci g'' hkngt '*tcf kwu'? ''372'hv.''dcugf ''qp''y g''cxgtci g''ctgc''qhl'cevkxg''rcpf urkf gu'kp''y g''WUI U'f cvc+''qxgt''y g'' qtki kpcnl'uqkrl' ctco gvgt 'tcuvgt0'Kp''uqo g''ecugu'*'urkf gu'WUI U'4.''58: 5.''5943.''5928.''5935.''666; .'' 5695.4: 9: .''4: 35.''4572.''4264+''rcpf urkf gu''ctg''xgt { ''enqug''q''y g''uvwf { ''ctgc''dqwpf ct { 0T cuvgtk cvkqp'' cpf ''uo qqyj kpi 'tguwngf 'kp''gf i g''ghgewi'y j gtg''tcuvgtu'y gtg''tvpecvgf ''cv'y g''gf i gu0'Cu''c''tguwn.'' y gug''urkf gu''f q''pqv'j cxg''o cp{ ''qh''y g''f gtkxgf ''r ctco gvgtu0

40605" Uqkri'r ctco gygtu Uqkri'Wpky<

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F guet kr vkqp<"Vj ku"ku"c"pco g"hqt"vj g"uqkn"i gpgtcm{ "dcugf "qp"j kuvqt kecn'uqkriugt kgu"pco gu"i gpgtcvgf " hqt "eqwpv{ "uqkriuwtxg{ u0'Vj ku"pco g"cmqy u"hpmci g"qh"gzr gt kgpeg"dcugf "qp"uqkriuwtxg{ "pco gu'vq" yj g"s wcpvkscvkxg"o gcuwtgu"r tgugpvgf "j gtg0

Ucpf "eqpvgpv'₩ +<

Cuuqekcvkqp'y ky "ncpf urkf gu<Ucpf { 'uqku''ctg'i gpgtcm{ 'y gmlf tckpgf 0'Vj cv'ku.'j ki j 'ucpf 'eqpvgpv' tguwnwi'kp'f tkgt.''nyy gt'r qtg'r tguuwtg.''cpf ''y gtghqtg''nguu'ncpf urkf g'r tqpg''uqku0'Ucpf ''ecp''r nc{ eqphrkevkpi 'tqng''cv'vj g''gzvtgo g'*g0 0''gpvktgn{ 'ucpf { 'uqknı.'', 2' - +'y j gtg''ucpf øu''o wej ''nqy gt'' eqj gukqp''ecp''kpetgcug''vj g''rkngrkj qqf ''qh''unqr g''hcknvtg''*g0 0''eqpukf gt''ucpf 'f wpgu+0

F guetkr vkqp<Eqo r qpgpv'r tqr qt vkqp"cpf "j qtk qp"vj kempguu"y gki j vgf "cxgtci g"qhir gtegpv'ucpf "kp" UUWTI Q"f cvcdcug"*Uqkn'Uvtxg{ "Uvchh "4245+'hqt"vj g"o cr r gf "uqkn'wpkv'cv'ncpf utkf g'r qn{ i qp" egpvtqkf "qt"ncpf utkf g"r qkpv'nqecvkqp"qp"vj g"uo qqvj gf "r ctco gvgt"o cr 0

Unv'eqpvgpv'* +<

Cuuqekcvkqp'y ky "ncpf urkf gu<Uqkrlvgz wxtgu''ctg'f guetkdgf "cu''c''o kz''qh''enc { lukn/lucpf 0'Y ky kp''y ku'' o kz.''ukn/ku'y g''o kf f ng''uk g''r ctvkerg''cpf "f qgu''pqv'j cxg''y g''gz vtgo gu''kp''f tckpci g''cpf "eqj gukqp" ej ctcevgt kuvkeu''qh''ucpf "cpf "enc { 0'C ''ukn/tkej ''uqkrlku''pqv'pgeguuctkr{ 'c''ncpf urkf g''r tqpg''uqkrlf vg''q'' r ctvkeng''uk g''cmpg''dw'tgr qtvgf 'j gtg''cu''r ctv'qh'y g''enc { lukn/lucpf ''o kz0

F guetkr vkqp<'Eqo r qpgpv'r tqr qt vkqp''cpf 'j qtk qp''y kenpguu'y gki j vgf ''cxgtci g''qh'r gtegpv'ukn/kp'' UUWTI Q''f cvcdcug'*Uqkn'Uvtxg{ ''Uvchh ''4245+'hqt''y g''o cr r gf ''uqkn'vpkv''cv'ncpf urkf g''r qn{ i qp'' egpvtqkf ''qt''ncpf urkf g''r qkpv'mecvkqp''qp''y g''uo qqy gf ''r ctco gvgt''o cr 0

$En \{ eqpvgpv' \neq +$

Cuuqekcvkqp'y kj 'mpf urkf gu<Em{ ''eqpvgpv'ku'c'r tko ct{ ''eqpvtqn'qp''uqkr'y cvgt'tgvgpvkqp0Em{/tkej '' uqkni'f tclp'r qqtn{ ''cpf ''y gtghqtg''ecp''j cxg''grgxcvgf ''mpf urkf g''tkunif wtlpi 'r gtlqf u''qh''uqkriy cvgt'' ucwstcvkqp0Kp''cf f kskqp. ''em{u''vgpf ''q''j cxg''o qtg''r qtg''ur ceg''cpf ''dg''o qtg''eqj gukxg''y cp''ukn{ ''ucpf { ''uqkn...'kp''dqyj ''ecugu'kphnvgpekpi ''y g''rkngrkj qqf ''qh''mpf urkf kpi 0

F guetkr vkqp<'Eqo r qpgpv'r tqr qt vkqp"cpf 'j qtk qp'vj kempguu'y gki j vgf 'cxgtci g''qh'r gtegpv'em { 'kp'' UUWTI Q''f cvcdcug'*UqktiUvtxg{ 'Uvchh '4245+'hqt''y g''o cr r gf 'uqktivpkv'cv'ncpf utkf g''r qn{i qp'' egpvtqkf ''qt''ncpf utkf g''r qkpv''mecvkqp''qp''y g''uo qqyj gf ''r ctco gvgt ''o cr 0

Gt qf kdkkk{ 'hc evqt "My hc ev. 'wpknguu+<

Cuuqekcvkqp'y kj "ncpf urkf gu<'Vj ku'ku'cp"go r kt/ecm{ "f gt/kxgf "hcevqt"/wugf "hqt"gtqukqp"o qf gmkpi "kp" wp/kxgtucn'uqkri'muu''gs wcvkqp"cr r tqcej gu0'Vj g"gtqf kd/krkv{ "tghrgevu''uqkri'eqj gukqp"cpf "j kmurqr g" o ketqvqr qi tcr j ke"r cwgtpu0'Dqy "hcevqtu"ecp'kphrwgpeg"yj g"rkngrkj qqf "qh"c"j kmurqr g"uqkri'vq"urkf g0

F guetkr vkqp<'Eqo r qpgpv'r tqr qt vkqp"cpf 'j qtk qp''y kempguu'y gki j vgf 'cxgtci g''qh'uqkri'gtqf kdkrkv{" hcevqt'kp''UUWTI Q''f cvcdcug'*Uqkri'Uvtxg{''Uchh''4245+'hqt''y g''o cr r gf 'uqkri'vpkv'cv'ncpf urkf g'' r qn{i qp"egpvtqkf ''qt''ncpf urkf g'' qkpv'mecvkqp''qp''y g''uo qqy gf ''r ctco gvgt''o cr 0

Cxgt ci g'uqkıl'ıj kenpguu'%p+<

Cuuqekcvkqp'y ky "ncpf urkf gu<'Uqkiff gr y "ecp"r tqxkf g'kphqto cvkqp"qp'ugf ko gpv'uwr r n{ "%Rg0'uqku" y kni'dg'tgncvkxgn{ 'y kp'hqmqy kpi "c'ncpf urkf g."uq'y kp'uqku"ecp"kpf kecvg"nqy gt'uwr r n{ "cpf 'y gtghqtg" nqy gt'r tqdcdkrkvkgu"qh'cf f kvkqpcn'urkf kpi +0'Uko krctn{. 'f ggr gt'uqku"ecp"tgvckp'o qtg'y cvgt." kpetgcukpi 'r qtg'r tguuwtg"cpf 'y cvgt'ucwtcvkqp'kpetgcukpi 'y g'r qvgpvkcn'hqt'unqr g'hcknvtg0

F guetkr vkqp<'Eqo r qpgpv'r tqr qt vkqp''y gki j vgf "cxgtci g''vqvcn''y kenpguu''qh''uqkn'j qtk qpu''kp" UUWTI Q''f cvcdcug'*Uqkn'Uvtxg{ "Uvchh ''4245+'hqt''y g''o cr r gf ''uqkn''ypky''cv''rcpf urkf g''r qn(i qp'' egpvtqkf "qt"ncpf utkf g"r qkpv"nqecvkqp"qp"vj g"uo qqvj gf"r ctco gvgt"o cr0P qvg"vj cv"UUWTI Q"f cvc" o c{"pqv"tgr qtv"vj g"vqvcn"f gr vj "qh"uqknu."cpf"vug"qh"vj ku"r ctco gvgt"uj qwrf "kpeqtr qtcvg"vj cv" nko kscvkqp0

CCUJ VQ''uqkilkpf gz<

Cuuqekcvkqp''y kj 'ncpf urkf gu<'Vj g'CCUJ VQ''kpf gz''ku'c''o gcuvtg''qh'ugf ko gpv'ej ctcevgtkuvkeu'cpf " tguvnvkpi 'uvvkcdkrkv{ 'hqt''j ki j y c{ 'eqpuvt vevkqp0'Kk'eqo dkpgu''uqkri'r rcuvkekv{.'hs vkf 'ho kv.'cpf " ugf ko gpv'ukt g'o kz0'Vj gug''ej ctcevgtkuvkeu''ecp''r tqxkf g''kpuki j v'kpvq''yj g''r tqr gpukv{ 'hqt''uqku''vq''urkf g." r ctvkewrctn{ 'eqo dkpcvkqpu''qh''ej ctcevgtkuvkeu''qp''uqkri'eqj gukqp0'C'j ki j 'kpf gz ''xcnvg''kpf kecvgu'j ki j " uvkkcdkrkv{ ''cpf ''xkeg''xgtuc0

F guetkr vkqp<"Eqor qpgpv"r tqr qt vkqp"cpf "j qtk qp"vj kempguu"y gki j vgf "cxgtci g"qh"CCUJ VQ"uqkd" encuukhkecvkqp"kp"UUWTI Q"f cvcdcug"*Uqkd"Uvtxg{"Uvchh"4245+"hqt"vj g"o cr r gf "uqkd"wpkv"cv" ncpf urkf g"r qn{ i qp"egpvtqkf "qt"ncpf urkf g"r qkpv"nqecvkqp"qp"vj g"uo qqvj gf "r ctco gvgt"o cr 0

Gt qukqp'j c/ctf'r qvgpvkcn<

Cuuqekcvkqp'y ky "ncpf urkf gu<'Vj ku'ku'c'j c| ctf 'tcvkpi 'i gpgtcvgf 'f wtkpi 'y g''eqo r krcvkqp''qh'y g'' eqwpv{ ''uqkrluwtxg{u0Cu'y ky 'y g''gtqukqp'hcevqt.''y ku'tcvkpi 'kpeqtr qtcvgu'kphqto cvkqp''cdqwi'uqkrl' eqj gukqp''cpf ''nqecn'vqr qi tcr j {.''cpf ''dqyj ''ecp''r tqxkf g''ko r qtvcpv'kphgtgpeg''cdqwi'tgrcvkxg''urqr g'' uvcdkrkv{0

F guet kr vkqp<Rtg/ci i tgi cvgf 'f cvc'kp''UUWTI Q'f cvcdcug'*Uqkt'Uvtxg{ 'Uvchh'4245+'hqt'vj g'o cr r gf " uqkt'wpkv'cv'ncpf utkf g'r qn{ i qp'egpvtqkf 'qt 'ncpf utkf g'r qkpv'nqecvkqp0'Vj gug'xcnvgu'ctg''cuuki pgf 'vq" yj g'uqkt'o cr 'wpkv''uq''uo qqyj kpi 'y cu''pqv''wugf 'hqt''vj ku'r ctco gvgt0']Encuu''F guet kr vkqp<P qv'tcvgf." Utki j v.''O qf gtcvg. "Ugxgtg_

Gt qukqp"erc uu<

Cuuqekcvkqp'y ký "ncpf urkf gu<'Gtqukqp"encuu'ku'o gcuwtg"qh'ewo wrcvkxg"guvko cvgf "uqkri'nuu'kp"c"uqkri wpk0/Ctgcu'kp''ý g'j ki j gt "nquu'ecvgi qtkgu'ecp"tghrgev'ý g'ko r cevu'qh'ncpf urkf kpi "qp"j kmmqr g'uqkru" *ncpf urkf kpi 'tgo qxgu'uqkrio cvgtkcm+"cpf 'ý wu'kpenwf gf 'kp''y g'f cvcdcug'cu'c'o gcpu'vq'kf gpvkh{ " ctgcu'y kj "grgxcvgf 'uqkri'nquu'cpf 'ý gtghqtg'r qvgpvkcn'ncpf urkf g''cevkxkv{0

F guetkr vkqp<Eqo r qpgpv'r gtegpv'y gki j vgf ''uwo ''qh''gtqukqp''encuu''kp''UUWTI Q''f cvcdcug'*Uqkt'' Uwtxg{ ''Uvchh''4245+'hqt''o cr r gf ''uqkti'wpkv'cv'ncpf urkf g'r qn{i qp''egpvtqkf ''qt''ncpf urkf g'r qkpv'nqecvkqp'' qp''y g''uo qqyj gf ''r ctco gvgt ''o cr 0']Encuu''F guetkr vkqp<Ctgc''qh''ugf ko gpv'f gr qukvkqp''? ''2. ''Encuu''3'*2/ 47' ''uqkti'nquu+''? ''3. ''Encuu''4'*47/97' ''uqkti'nquu+''? ''4. ''Encuu''5'*97/; ; ' ''uqkti'nquu+''? ''5. 'Encuu''6'' *eqo r ngvg''uqkti'nquu+''? ''6_

Rrcppkpi 'Nko kx vkqpu'/'Nqecn'Tqcf u'cpf 'Uxtggui<

Cuuqekcvkqp''y kj 'ncpf urkf gu<'C''s wcrkcvkxg''o gcuwtg'htqo ''y g''eqwpv{ ''uqkri'uwtxg{ u'kpf kecvkpi ''y g'' uwkxcdkrkx{ ''qh''y g''qecri'uqkui'hqt''tqcf ''go r ncego gpv0'Vj ku'o gcuwtg'kpenvf gu''y g'' tqr gpukx{ ''qh''y g'' uqkri'vq''gtqf g''qt'hckri'cpf ''ecp''r tqxkf g'kpuki j v'kpvq''ncpf urkf g''r cwgtpu0 F guet kr vkqp<'C uuki pgf '\q'o cr wpk/dcugf ''qp''uqktluwtxg{u'*UqktlUwtxg{''Uxchh '4245+'hqt''o cr r gf '' uqktlwpk/'cv'hcpf utkf g'r qn{i qp''egpvtqkf ''qt 'hcpf utkf g'r qkpv'hqecvkqp0'Vj gug''xcnwgu'ctg''cuuki pgf '\q'' y g''uqktlo cr ''wpkx''uq''uo qqyj kpi 'y cu''pqv''wugf 'hqt''y ku'r ctco gvgt0']Encuu''F guet kr vkqp<'P qv'tcvgf.'' P qv'ho kgf.''Uqo gy j cv'ho kgf.''Xgt{''ho kgf_0

Ftckpci g"encuu<

Cuuqekcvkqp'y ký "rcpfurkf gu<'Vj g"tcvg"qh'f tckpci g"ku'c'r tko ct { "eqpvtqn'qp"uqkn'o qkuvvtg0'Rqqtn{ " f tckpkpi 'uqku'vgpf 'vq"ceewo wrcvg'y cvgt"f wtkpi 'y gv'y gcvj gt'r gtkqf u."chigevkpi 'uqkn'eqj gukqp"cpf " r qtg"r tguuvvtg."dqyj 'ko r qtvcpv'hcevqtu'kp''y g'r qvgpvkcn'hqt"rcpf urkf gu0

F guetkr vkqp<Eqo r qpgpv'r gtegpv'y gki j vgf ''uwo ''qh'ftckpci g''encuu'kp''UUWTI Q''f cvcdcug'*Uqkr' Uwtxg{ ''Uvchh''4245+'hqt''y g''o cr r gf ''uqkr'wpkv'cv'rcpf urkf g''r qn{i qp''egpvtqkf ''qt''rcpf urkf g''r qkpv'' mecvkqp''qp''y g''uo qqvj gf ''r ctco gvgt ''o cr 0']Encuu'F guetkr vkqp<Gzeguukxgn{ ''ftckpgf ''? 3.''Uqo gy j cv'' gzeguukxgn{ ''ftckpgf ''? 4.''Y gmi'ftckpgf ''? '5.''O qf gtcvgn{ ''y gmi'ftckpgf ''? 6.''Uqo gy j cv'' qqtn{ ''ftckpgf ''? 8.''Xgt{ ''r qqtn{ ''ftckpgf ''? 9_

TwpqHl'erc uu<

Cuuqekcvkqp'y kj "rcpf urkf gu<T wpqhh'ku'cp'ko r qtvcpv'r ctv'qh'uqkn'o qkuvvtg"eqpvgpv."o qtg'twpqhh" tguvunu'kp"nyy gt'uqkn'y cvgt "eqpvgpv0'Y cvgt "eqpvgpv'ko r cevu'uqkn'eqj gukqp"cpf 'r qtg'r tguuvtg0'Kp" cff kkqp. "kpetgcugf "twpqhh'tguvunu'kp'j ki j gt. 'hcuvgt'hnqy u'y j kej "rkngn("gtqf g"o qtg'uqkr0

F guetkr vkqp<'Eqo r qpgpv'r gtegpv'y gki j vgf ''uwo ''qh'twpqhh'encuu'kp''UUWTI Q'f cvcdcug'*Uqkn'' Uwtxg{ ''Uvchh''4245+'hqt''o cr r gf ''uqkn'wpkv'cv'ncpf unkf g'r qn{i qp''egpvtqkf ''qt''ncpf unkf g'r qkpv'nqecvkqp'' qp''y g''uo qqyj gf ''r ctco gvgt''o cr 0']Encuu'F guetkr vkqp<'P gi nki kdng''? 3.''Xgt{ ''nqy ''?4.''Nqy ''?5.'' O gf kwo ''?6.''J ki j ?''7.''Xgt{ 'j ki j ''?8_

Uqkıl'unkr ''r qvgpvkc n<

Cuuqekcvkqp'y ky "ncpf urkf gu<'Cp''kpf kecvqt"qh'urkr "r qvgpvkcn'f gt kxgf "cu'r ct v'qh'y g"eqwpv{ 'uqkn' uwt xg{ 'ugt kgu0C 's wcrkscvkxg''o gcuwt g"qh'urkr "r qvgpvkcn'k00''urkf g'r qvgpvkcn0

F guet kr vkqp<'Eqo r qpgpv'r gtegpv'y gki j vgf ''uwo ''qh''uqkri'urkr ''r qvgpvkcn'kp ''UUWTI Q''f cvcdcug'*Uqkri' Uwtxg{ ''Uvchh ''4245+'hqt ''o cr r gf ''uqkri'wpkv'cv'rcpf urkf g'r qn{ i qp ''egpvtqkf ''qt 'rcpf urkf g'r qkpv'rqecvkqp'' qp ''y g ''uo qqy gf ''r ctco gvgt ''o cr 0']Ercuu'F guet kr vkqp<''Nqy ? 3.'O gf kwo ''? 4.'J ki j ? 5_

Uqkn'r qt qukx{ '**kp51kp5+<

Cuuqekcvkqp'y ky "ncpf urkf gu<'Uqki'r qtqukx{ "ku"c"f ktgev'eqpuvtckpv'qp'uqki'o qkuvvtg"eqpvgpv."cpf " y gtghqtg"f ktgevn{ 'ko r cevu'uqki'f tckpci g."eqj gukqp."cpf 'r qtg"r tguuvvtg."cm'uvtqpi 'kphnvgpegu"qp''y g" nkngnkj qqf "qh'ncpf urkf kpi 0

F guet kr vkqp Zeqo r qpgpv'r tqr qt vkqp''cpf 'j qt kj qp''y kenpguu''y gki j vgf ''cxgtci g''qh''uqkt'r qtqukv{ 'kp'' UUWTI Q''f cvcdcug'*Uqkt'Uvtxg{ ''Uvchh ''4245+'hqt''o cr r gf ''uqkt''vpkv''cv''rcpf utkf g''r qn{ i qp''egpvtqkf '' qt''rcpf utkf g''r qkpv''nqecvkqp''qp''y g''uo qqy gf ''r ctco gvgt''o cr 0

$Ucwstcvgf''_{j} \{ftcwske''eqpfwevkxks{''*o ketqogvgtu''rgt''ugeqpf \leftrightarrow$

Cuuqekcvkqp'y ký "ncpf utkf gu<'Cp"go r ktkecm{ "o gcuwtgf "tcvg"qh'y cvgt"hnqy "ý tqwi j "c'uqkt0'Vj ku'tcvg" ku'c'r tko ct { "eqpvtqn'qp"uqkd'y cvgt "eqpvgpv'y j kej "chhgevu"uqkd'eqj gukqp"cpf "r qtg"r tguuwtg."dqy " lphnvgpeg'ý g'r qvgpvkcn'hqt"ncpf utkf gu0'Uqknu'y ký "j ki j "j { f tcwrke"eqpf wevkxkv{ "vgpf "vq"dg"y gm" f tckpgf ."cpf "xkeg"xgtuc0

F guetkr vkqp<J qtk qp''y kenpguu'cpf "eqo r qpgpv'r tqr qt vkqp''y gki j vgf "cxgtci g''qh''j qtk qp''xgt vkech' eqpf we vkx kkgu'kp''UUWTI Q''f cvcdcug'*Uqkti'Uvtxg{ ''Uchh''4245+'hqt''o cr r gf ''uqkti'wpkv'cv'ncpf utkf g'' r qn{i qp"egpvtqkf ''qt''ncpf utkf g''r qkpv'mecvkqp''qp''y g''uo qqy gf ''r ctco gvgt''o cr 0

407" I gqnqi {

I gqnqi ke'r ctco gvgtu''chhgev'tqem'uvtgpi yj.'j {ftqnqi ke'r tqr gtvkgu.''cpf 'uqkthqto cvkqp.''cu'y gm'cu'' o kpkpi ''cevkxkkgu.''cm'qh'y j kej ''ecp''kphnvgpeg''ncpf urkf g''qeewttgpeg0'Vj ku''ugevkqp''f guetkdgu'' i gqnqi ke''f cvc''uqwtegu.''r tqeguukpi ''o gyj qf.''cpf ''i gqnqi ke''r ctco gvgtu''kpenvf gf ''kp''y g''f cvcdcug0

40703" I gqnqi ke'f cvc'uqwtegu

Vj g'i gqnqi ke"cpcn{ uku"tgnkgu"qp"dqyj "f ki kkt gf "i gqnqi ke"o cr u"cpf "eqpvqwtu"qh"ng{ "eqcn'j qtkt qpu0

4070803" Dgf tqem'i gqnqi {

Y g'wugf 'y g'f ki kki gf 'xgtulqp'qh'y g'uwy'i gqnqi ke'o cr '*Rgppu{nxcpkc'Dwtgcw'qh'Vqr qi tcr j ke'' cpf 'I gqnqi ke''Uwtxg{.'F gr ctvo gpv'qh'Eqpugtxcvkqp''cpf 'P cwtcn'T guqwtegu.''4223+'hqt''dgf tqen'' i gqnqi {'f cwc0'Vj ku''xgtulqp'ku''cxckncdng'htqo ''y g'RC''F EP T''cpf ''ku''o cr r gf ''cv'y g'hqto cvkqp''cpf '' i tqwr ''ngxgn''> j wr u<1y y y ff eptfr cft qx II gqnqi { II gqnqi { OhRC IRci gulf ghcwnftur z@

4070304" Eqcnleqpvqwtu

Vj g'WUI U'o crrgf ''y g''y ''qr''qh''ugco ''gngxcylqpu'qh'tgi lqpcm{ ''lorqtvcpv'eqcn'f grquku'%lg0''y g'' Rkwudwti j ''cpf ''Wrrgt''Htggrqtv'Eqcn+''y tqwi j ''c''u{py guku'qh'cxckrcdng'f cvc'%Pqty gtp''cpf ''Egpytcn'' Crrcncej lcp''Dculp''Eqcn'Tgi lqpu'Cuuguuo gpv''Vgco.''4223+0'Vj gug''f cvc''ctg''cxckrcdng''j gtg<'' ><u>j wru<1rwdu0wi u0 qx lrr lr3847e1</u>@)

4070305" O kpkpi 'f cvc''uqwtegu

Vj g'Rgppu{ nxcpkc'F gr ctvo gpv'qh'Gpxktqpo gpvcn'Rtqvgevkqp'*RCF GR+'\tcemi'cm'ctgcu'' wpf gto kpgf 'kp''y gkt'F ki kkk gf 'O kpgf 'Ctgcu'f cvc'ugv'*Rgppu{ nxcpkc'F gr ctvo gpv'qh'Gpxktqpo gpvcn' Rtqvgevkqp.''4245d+'mecvgf 'j gtg<

><u>j wr u<1ly y y 0 cuf c0 uw0gf wlweklF cvcUwo o ct { 0cur z Af cvcugv? 479</u>@Vj gug'f cvc'y gt g'wugf 'vq'' gxcnwcvg'y g'r tqzko kw{ 'qh'ncpf urlsf gu'vq'' kuvqtkecn'o kpkpi ''cevkxkw{0

Hqt''ur gekheu''cdqwi'y g''pcwtg''qh'o kpkpi .'kp''uqo g''ecugu'j kuvqtkecn'o kpg''o cru'htqo 'y g'' Rgppu{ nxcpkc''O kpg'O cr''C vncu'>j wru⊴ly y y @ kpgo cru0ruw0gf wl@y gtg''ceeguugf 0

Ko"cffkkqp."o kokoi "cevkxkv{"y cu"etquu/ej gemgf"y kj "yj g"cdcpfqpgf"o kog"ncpf"tgeqtfu"o ckovckogf" d{"yj g"RCF GR"*Rgppu{ncpkc"F gr ctvo gpv"qh"Gpxktqpo gpvcn"Rtqvgevkqp."4245c+"cpf"cxckrcdrg" j gtg<<u>j wr u<1y y y 0 cuf c0 uw0gf wtweklF cvcUwo o ct{0cur z Af cvcugv? 682</u>@Vj gug"tgeqtfu"qhvgp" r tqxkf g"kphqto cvkqp"cdqw"dqyj "uwthceg"cpf "vpf gti tqwpf "o kpkpi "gz vgpvu."kpenvf kpi "uwdukf gpeg" nqecvkqpu0

40704" Rtqeguukpi "qh'i gqnqi ke'f cvc

Vj g"uvcvg"i gqmqi ke"o cr "cpf "eqcnleqpvqwtu"y gtg"wugf "vq"gzvtcev'i gqmqi ke"kphqto cvkqp"r gtvkpgpv'vq" tgi kqpcn'ncpf urkf kpi 0C 'tcuvgtk gf 'xgtukqp"qh'vj g'uvcvg'i gqnqi ke o cr. 'y j gtg"gcej 'hqto cvkqp'ku" cuuqekcvgf "y ky "cp"kpvgi gt"kpf gz "xcnvg. "y cu"wugf "vq"gz vtcev'vj ku"kpf gz "xcnvg"hqt "gcej "ncpf unkf g" nqecvkqp0'Vj g'kpf gz'y cu'y gp'eqpxgtvgf 'vq'c'vgzwcnhqto cvkqp'pco g'dcugf ''qp'c'eqpxgtukqp'vcdrg." y j kej 'y cu'r ncegf 'kp''y g'f cwcdcug0Vj g'eqcn'eqpvqwtu''qh''y g'Rkwudwti j '*RI J +'cpf 'Wr r gt 'Htggr qtv' *WHT+'Eqcnu'y gtg'wugf '\q''etgcvg'tcuvgtu''qh'y gug''eqcndgf ''gngxcvkqpu'*y gug'tcuvgtu'y gtg''pqv'' uo qqyj gf +0Vj g"qxgtdwtf gp"cdqxg"gcej "eqcmlgf "y cu"eqo r wgf "d{ "uwdvtcevkpi "ku"eqcmlgf " grgxcvkqp'htqo ''y g'\qr qi tcr j ke''grgxcvkqp0'Vj g'f kr ''cpf ''cur gev'*f kr ''f ktgevkqp+''qh''y g''eqcrdgf ''y gtg'' eqo r wgf "htqo "yj g"eqcndgf "tcuygtu"wukpi "Vqr qVqqndqz "*Uej y cpi j ctv'cpf "Uej gtngt. "4236+0Vj g" o kpkpi "f cvc"y cu"wugf "vq"eqo r wg"c"tcuvgt "qh'yj g"f kuvcpeg"dgw ggp"rcpf urkf gu"cpf "o kpgu0Hqt" rcpf urkf gu'ngecvgf 'f ktgevn{ 'cdqxg'o kpgu.'y g'grgxcvkqp''qh'y g''eqcn'o ctngt 'dgf u'y cu'wugf 'vq'' crrtqzko cvg''y g''grgxcvkqp'f khgtgpeg''dgw ggp''y g''uwtheeg''cpf ''y g''o kpg''cpf ''uvqtg''kv'kp''c''tcuvgt0' Xcnwgu'htqo "yj gug'tcuvgtu'y gtg"gzvtcevgf "cv'gcej "ncpf urkf g"nqecvkqp0kp"uqo g"ecugu'*urkf gu"WUI U" 4. "58: 5. "5943. "5928. "5935. "666; . "5695.4: 9: . "4: 35. "4572. "4264+"mpf unkf gu"ctg"xgt { "enqug"vq"yj g" uwf { "ctgc"dqwpf ct { 0T cuvgtk cvkqp"cpf "uo qqyj kpi "tguwngf "kp"gf i g"ghhgevu"y j gtg"tcuvgtu"y gtg" vtwpecvgf "cv'y g"gf i gu0Cu'c'tguwnx "y gug'urkf gu'f q"pqv'j cxg"o cp{ "qh'y g'f gtkxgf "r ctco gvgtu0

40705"I gqnqi ke'r ctco gvgtu

I gqnqi ke 'Hqto cvkqp''qt''I tqwr''*pco g \ltimes

Cuuqekcvkqp'y kj 'ncpf utkf gu<'F kthgtgpv'hqto cvkqpu'qt'i tqwr u'ctg'cuuqekcvgf 'y kj 'f kthgtgpv' nkj qnqi ke''ej ctcevgtkuvkeu'y cv'chtgev'y g'r tqr gpuk{ 'hqt'ncpf utkf gu0

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F kr "qhlRkwudwt i j "qt "Wr r gt "Ht ggr qt v'eqc n"sf gi t ggu +<

Cuuqekcvkqp'y ky "ncpf urkf gu<'Vj g'f kr "qh'yj g'o ctngt"dgf "o c{ "dg"kpf kecvkxg"qh'yj g'f kr "qh'yj g'nc{gtu" cdqxg"k0J gpeg"kv'o c{ "dg"kpf kecvkxg"qh'yj g'f kr /tgncvgf "rkyj qnqi ke'y gcnpguu'r ncpgu."cu'y gm'cu'yj g" tqwkpi "qh'i tqwpf y cvgt."dqy "o c{ "chigev'ncpf urkf gu0

F guetkr vkqp<'Vj g'f kr 'y cu'eqo r wgf 'htqo ''y g'o ctngt 'dgf 'tcuvgt''cu''y g''vqvcn'i tcf kgpv'eqo r wgf " qxgt''c''5, 5''ngtpgn0

Cur gev'qhRkvudwt i j ''qt 'Wr r gt 'Ht ggr qt v'eqc n'*O gc uwt gf 'kp''c / ko wj c nf gi t ggu. ''enqemy kug 'ht qo '' pqt vj +<

Cuuqekcvkqp''y kj "ncpf urkf gu<'Vj g"cur gev'qh''y g"o ctngt"dgf "f guetkdgu''y g"f ktgevkqp''qh''y g"f kr "cpf" ecp'j gn "kf gpvkh{ "nqecvkqpu''y j gtg''y g"rkj qmi { "f kr u'y kj "qt'ci ckpuv''y g"f ktgevkqp''qh''y g" vqr qi tcr j ke''unqr g0'Vj g''tgncvkqpu''dgw ggp''y g''rkj qmi ke''f kr "cpf ''y g''vqr qi tcr j ke''unqr g''ecp''f kevcvg" y j gyj gt "hcknvtg''r ncpgu''ctg''crki pgf ''y kj ''i tcxkcvkqpu''uvtguugu."cpf ''y j gyj gt''i tqvpf y cvgt''ctg''rkngn{" vq''f kuej cti g''cv'y g''uwthceg."ecwukpi "gngxcvgf ''r qtg''r tguuwtg''cpf ''r tqo qvkpi ''ncpf urkf kpi 0

F guetkr vkqp<'Cur gev'kp"gcej "o ctngt"dgf "r kzgn'ku"eqo r wgf "wukpi "Vqr qVqqndqz"*c"O CVNCD" dcugf "ugv'qh'vqr qi tcr j ke"cpcn{ uku"cni qtkj o u. "*Uej y cpi j ctv"cpf "Uej gtngt."4236++"cpf "tghngevu"yj g" qtkgpvcvkqp"qh"yj g"o ctngt"dgf "f kr "yj g"ncpf urkf g"nqecvkqp0

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Vj g'RTKLO 'f cvc'y cu'r tqeguugf 'wukpi 'cp'kp/j qwug''cni qtky o 'eqf gf 'kp'O CVNCDO'Hqt''gcej " rcpf urlf g"cuuqekcvgf "y kj "c"f cvg"qh'qeewttgpegltgr qt kpi "kp" y g"f cvcdcug. "y g"cni qt kj o "tgcf u'y g" f ckn{ "RTKLO "o cr u'hqt "c''ur gekhkgf "r gtkqf "r tkqt "vq "y g"ncpf urkf g. "nqecvgu"y g"ncpf urkf g. "cpf "tgeqtf u" f ckn{ "r tgekr kxxkqp"qt" vgo r gtcwtg"f cvc hqt" vj cv'nqecvkqp"qxgt" vj g"ur gekhkgf "r gtkqf 0"Vj gug" vko g" ugtkgu"qh'y gcyj gt "f cvc"cv"gcej "nqecvkqp"ctg"yj gp"wugf "vq"eqo r wg"o gcuwtgu"qh'y gcyj gt "r tkqt "vq"yj g" ncpf urkf g0Hqt 'r tgekr kcvkqp. 'y g'RTKUO 'r tgekr kcvkqp'f cvc'y cu'wugf 'vq'eqo r wg'cxgtci g'f ckn{" r tgekr kxxkqp"qxgt"ugxgtcn'vko g"ur cpu"*3."4. '9. "52."; 2. "cpf "3: 2"f c { u+"r tkqt"vq"c"i kxgp"ncpf urkf g0Hqt" vgo r gtcwtg. "cxgtci g"vgo r gtcwtgu"qxgt "f khgtgpv" ko g"r gtkqf u"r tgegf kpi "c"ncpf ukf g"9. "52" cpf " 587"fc{u+'y gtg'ecnewncvgf 'htqo 'y g'RTKOO 'f cvc0Kp'cf f kkqp. 'y g'pvo dgt'qh'htgg| g'y cy 'e{engu' y cu'eqo r wgf "cu'hqmqy u<"c'htgg| g'r gtkqf "y cu'eqpukf gtgf "\q'uxctv'y j gp"c"f c{ "y ky "c"o cz" vgo r gtcwtg'j ki j gt''vj cp'56ÅH'f tqrrgf ''vq''c''o koko wo ''vgo r gtcwtg''nguu''vj cp''4: ÅHOV j g'htgg|g'' r gtkqf "eqpvkpwgu"cu"nqpi "cu"yj g"f ckn{ "o czko wo "vgo r gtcwstg"f qgu"pqv"gzeggf "56ÅHDVj gug" vgo r gtcwtg'y tguj qrf u'ctg''dcugf "qp'vgo r gtcwtgu'pgeguuct { 'vq'htgg| g''qt''y cy ''y cvgt''cv'f gr y ''kp''c'' uqkn^{*}Htcugt.''3; 7; +0'Vj g"pwo dgt"qh'vko gu"c"htgg| g"qeewttgf "y cu"eqwpvgf "qxgt"vj g"r gtkqf "qh" kpygtgw0Vj g'o gcp''ngpi y "qh'htgg| g''y cy "e{ergu'y cu'eqo r wgf "d{"f kxkf kpi "y g''ngpi y "qh'y g'' r gtkqf "d{ "y g"pwo dgt "qh"e{engu0Vj g"o gcp"*cpf "o kpko wo +'htgg| g"vgo r gtcwtg"y cu"eqo r wgf

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F guetkr vkqp<'Vj g''pwo dgt''qh'htgg| g''y cy ''cnvgtcvkqpu''qxgt''r gtkqf u''qh'9. ''52''cpf ''587''f c{u'y gtg'' eqwpvgf ''r tkqt ''q''ncpf utkf gu''y cv'j cxg''ko kpi ''kphqto cvkqp0'Kp''cf f kkqp. ''y g''cxgtci g''ngpi y ''qh'htgg| g'' cpf ''y cy ''r gtkqf u'y ky kp''y gug''ko g''r gtkqf u'y cu''ecnewncvgf 0

$Ht gg/g''j cy ''vgo r gt cwwt gu''''qt ''r gt kqf u''qh9.'52''cpf '587'f c {u'rt kqt ''vq''ncpf unkf gu''y cv'j cxg'' ko kpi '' kphqt o cvkqp +<$

Cuuqekcvkqp''y kj 'ncpf urkf gu<'Htgg| g''y cy ''y or gtcwrtgu'ecp''chhgev''y g''f gr y ''qh'uj tkpm'uy gm'' *gzr cpukqp''cpf ''eqpvtcevkqp''f wg''vq'htgg| kpi ''qh'y cvgt''cpf ''o gnkpi ''qh'keg+''kp''uqknu.''cpf ''y wu'' o gej cpkecn'r tqr gtvkgu'*g0 0''eqj gukqp.''r gto gcdkrk{ +"cpf ''uqkrietggr 0

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409" S works "cuuwtopeg

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*Ur cvkcrilF cvc 'S C*⁴Vj g''ur cvkcrif cvc''y cu''r tko ctkn{ "gz vtcevgf 'htqo 'tcuvgtu'*'ur cvkcm{ 'i tkf gf 'f cvc+'cv' rcpf urkf g''nqecvkqpu0Tcuvgt 'f cvc''ku'f guetkdgf 'kp''ugevkqpu''405.'405/4070'Uqo g''qh''y g''tcuvgtu''y gtg'' etgcvgf 'htqo ''xgevqt 'f cvc''*c''f cvc''uv vewvtg''y cv''vugu''r qkpvu. 'ikpgu.''cpf ''r qn{ i qpu''q''tgr tgugpv''ur cvkcni' hgcwtgu+0Tgrgxcpv'CteI KU'uj cr ghkrgu'*g0 0''tqcf u.'i gqrqi ke''hqto cvkqpu.''uqkri'r tqr gtvkgu.''o kpgf '' ctgcu+'y gtg''eqpxgtvgf ''q'tcuvgtu0Y g''xgtkhgf ''y g''eqpukrvgpe{ ''dgw ggp''y g''qtki kpcn'uj cr ghkrg''cpf '' f gtkxgf 'tcuvgt ''xcnvgu''d{ ''s vgt { kpi ''c''uvdugv'qh''rqecvkqpu''cpf ''o cmkpi ''uvtg''y cv'uj cr ghkrg''cpf ''tcuvgt'' xcnvgu''ctg''eqpukrvgpv0

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Ncpf ukf g'tgeqtf u''ctg''pqv''eqpvkpwqwu'kp''vko g0'Vj g''o quv''eqortgj gpukxg''j knqtkecn'tgeqtf u''ctg''y g" WUI U''ncpf ukf g''f cw''*Rqogtq{.''3;: 4+0'Vj gug''f cw''y gtg''i cy' gtgf ''cu''c'tgcevkqp''q''y kf gurtgcf " tgi kqpcn''ncpf ukf kpi ''cuuqekcvgf ''y kj ''kpvgpug''r tgekr kcvkqp''i gpgtcvgf ''d{ ''J wttkecpg''Cipgu0'Kp'' cff kkqp.''f wtkpi ''y ku''o crrkpi.''ctgcu''qh''crrctgpv''ncpf ukf kpi ''y cv'y gtg''Iwfigf ''q''r tg/f cvg''3;94'' *g0 0''eqpur kewqwu''unworu''dw''y kj ''tg/guvcdnkuj gf ''xgi gvcvkqp+''y gtg'''cnq''o crrgf 0

Vj gtg"ctg"qy gt "eqngevkqpu"qh"ncpf urkf gu"y kj "tgcuqpcdrg"vgo r qtcn"eqpuvtckpvu. "dwv"o quv"qh"y gug" ctg"hqewugf "qp"Cmgi j gp{ 'Eqwpv{0Cnttgf 'Cengpj gknvu"f kuugtvcvkqp"tgugctej "kpenwf gu"c'ugv"qh"8: " mcpf urkf gu"y kj "vko g"uvco r u"*Cengpj gkn"3; 76+0Vj g"533"f cvc"j cxg"vko g"uvco r u. "dwv"y gug"tgeqtf u" ctg"ho kgf "vq"y g"Ekv{ "qh"Rkvudwti j 0O cp{ "qh"y g"RgppF QV"cpf "P CUC" urkf gu"ctg"cnq"cuuqekcvgf " y kj "vgo r qtcnlvphqto cvkqp0"Y g"pqvg"y cv'y ku"vgo r qtcnlvphqto cvkqp"hngn{"tghrgevu"y g"vko g"cv" y j kej "ncpf urkf gu"y gtg"tgr qtvgf."y j kej "ku"pqv"pgeguuctkn{"kf gpvkecn'vq"y j gp"vj g{ "cewcm{" qeewttgf 0 504" Ceeguukpi 'y g'f cvcdcug

Vjg'f cvcdcug'hkngu''ctg'j quvgf ''cv''y g''Y RTFE '<u>j wrudlf cvc0yrtfe0qtilf cvcugvlktkug/tgikqpcn</u>''' <u>rcpfurkfg/kpxgpvqt{/hqt/uqwjyguvgtp/rgppu{rxcpkc</u>0Cu''pqvgf 'kp''ugevkqp''40.''y g''f cvcdcug''ku'' rtqxkfgf 'hqt''f qypnqcf 'kp''dqy ''c''@ux''cpf ''O ketquqhv'Gzegn'hqtocv0

Kp''y g''r wdrke'heekpi ''xgtulqp''qh''y g'f qewo gpv.''y gtg''etg''r qtvlqpu''qh'y g'f ewe''pqv'r tqxkf gf 0'Vj g'' RgppF QV''tgi lqperli gqvgej pleerlf ewe''tgeqtf u']Ugevlqp''404080408_'etg''pqv'lperlwf gf 'lp''y g''r wdrke'' heelpi ''xgtulqp''qh'y g'f ewedeug0Hqt''eeguu''vq''y gug''f ewe.''y kni'pggf ''vq''eqpveev'RgppF QV'' f ktgevn{0

6"@'Gzr mtkpi 'y g'f cvcdcug

Y j gtgcu''y ku'tgr qtv'f qgu''pqv'cko ''\q''cpcn{| g''y g''ncpf urkf gu''kp''y g''f cvcdcug. ''y g''nqmy kpi ''ugevkqp'' lpenwf gu''gzco r ngu''qh''uko r ng''cpcn{ ugu0'Vj gug''cpcn{ ugu''cko ''\q''f go qpuvtcvg''y g''r qy gt''qh''y g''f cvc/ egpvgtgf ''cr r tqcej ''cpf ''gzr nqtg''xctkqwu''f ko gpukqpu''qh'y g''f cvcdcug''\q''kmwuvtcvg''y g''hqty ctf '' r qvgpvkch'qh'y ku''f cvcdcug. ''cu''y gm''cu''kw''ho kxcvkqpu0

603 "Eqwpv{/uecrg'xctkcdkrkv{ "kp"rcpf urkf gu"cetquu"yj g"uwwf { "ctgc Gzco kpcvkqp"qh"rcpf urkf g"ej ctcevgtkuvkeu"cetquu"eqwpvkgu"j ki j rki j w"xctkcdkrkv{ "y kj kp"yj g"uwwf { " ctgc"cpf "f go qpuvtcvgu"dqvj "vtwg"ur cvkcni'f khgtgpegu"cu"y gm"cu"dkcugu"kpvtqf wegf "d { "f khgtgpegu" co qpi "f cvc"uqwtegu"*Vcdrg"603040

Vj g"pwo dgt"qh"ncpf urkf gu"cpf "vj gkt"f gpukv{ "xctkgu"o gcpkpi hvm{ "dgwy ggp"eqwpvkgu0"Y cuj kpi vqp." Cngi j gp{."cpf "I tggpg"eqwpvkgu"j cxg"yj g"j ki j guv"pwo dgt"cpf "f gpukv{ "%kg0"pwo dgt"r gt"ctgc+"qh" ncpf urkf gu"kp"yj g"f cvcdcug"y j krg"Enctkqp. "Ncy tgpeg"cpf "Ightgtuqp"j cxg"yj g"nqy guv"pwo dgt"cpf " f gpukv{ "xcnvgu0Vj gug"f khtgtgpegu"tghrgev'c"eqo dkpcvkqp"qh"tvg"r tqr gpukv{ "hqt "ncpf urkf gu"cpf "c" tgr qtvkpi "dkcu0"Hqt"gzco r ng. "ncpf urkf g"tgr qtvu"yj tqwi j "yj g"533"ekkl gp/tgr qtv"u{ urgo "%324: "urkf gu." cdqwv"j chl"qh"yj g"lurkf gu"kp"Cngi j gp{ "Eqwpv{ +"gzkuv"qpn{ 'hqt"yj g"Ekv{ "qh"Rkvudwti j ."kphrcvkpi "yj g" eqwpv"qh"urkf gu"kp'Cngi j gp{ 'Eqwpv{0

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Vj g''pwo dgt.'r gtegpv.'cpf 'f gpukv{ ''qh'ncpf urkf gu'kp''r tqzko kv{ ''q''tqcf u'*y ky kp''322'hv+'xct { '' o gcplpi hwn{ ''dgw ggp''eqwpvlgu.'cpf 'tcpi gu'dgw ggp''34/3757'urkf gu'*Ncy tgpeg''cpf ''Cmgi j gp { '' eqwpvlgu.'tgur gevlx.gn{ +.''¢36/::' ''qh''cm'urkf gu'*Y cuj kpi vqp''cpf ''Lghtgtuqp''eqwpvlgu.'tgur gevlx.gn{ +.'' cpf ''¢208g/7''vq''6g/7''urkf gu'r gt'hggv'qh'tqcf '*Ncy tgpeg''cpf ''I tggpg'Eqwpv{ .''tgur gevlx.gn{ +.0'Vj gug'' f khigt gpegu''nhmgn{ 'tghrgev'c''eqo dkpcvlqp''qh'y g''ghtgev'qh'tqcf u'qp''ncpf urkf g''r tqr gpukv{ ''kp''f khigt gpv'' eqwpvlgu.''cu'y gm'cu'dkcu''kpvtqf wegf ''d{ ''f khigt gpv'f cvc''uqwtegu0Hqt''gzco r ng.''Kp''Hc { gvg''Eqwpv{ .'' y g''xcuv'o clqtkv{ ''qh'ncpf urkf gu'*@ 2' +''ctg''uqwtegf 'htqo ''RgppF QV.''cpf ''j gpeg''ctg''eqpuvtckpgf ''q'' j cpf .''o quv'ncpf urkf gu'*@ 2' +'y gtg''o cr r gf ''d{ ''WUI U'cpf ''ctg''y gtghtgt''pqv'pgeguuctkn{ '' eqpuvtckpgf ''q''y qug''y cv'ctg'kp''r tqzko kv{ ''q''tqcf 0

Eqwpv(P wo dgt " qh Uilf gu	Uilf g" F gpuls{" kp" eqwpv{" Juilf gulf o kgg_	Igqmjike" hqtocskqp" ykyjöquv" unkfgu	I gqmji le" hqto cxkqp" hp'yj lej" ncpf uhfgu" ctg'o quv" nkugu(P wo dgt " qh'inif gu' y ky kp " 322'hv' ht qo " t qcf u']%	Rgtegpy" qlituff gu" y ký kp" 322'hy" ht qo " t qef u" l'	P wo dgt 'qh' uhf gu' y ky kp '322" hr/ht qo " t qcf u'r gt " t qcf " ngpi yj 'kp" eqwpv{ "]%uhf gulhy_	Cxgtcig" vqrqitcrjk" e'lmqrg" yjgtg" ncpfuhfgu" qeewt"]fgitggu_	Tevlq" dgwy ggp" Cxgtei g" wpr qi ter j ke" umpr g'y j gt g" mpf uhf gu" qeewt 'cpf " exgtei g" umpr g'lp 'c" eqwpv(Cxgtcig" uqkderr{" eqpvgpv" yjgtg" nepfuhfgu" qeewt']'	Rgt egpv" qliRgpp FQV" uhf gu" y kj qwv" f cvg"]'	Cxgtcig" rtgekrkacvkgp" rgt'fc{'kp" vjg'9'fc{u' dghqtg'lnkfgu']Kpffc{_	Cxgtcig" pwodgt'dh' htgg g" yjcy" e{engu" ykyjkp'52" fc{u'rtkqt" wq'uhfgu"]%
CNNGLJ GP [433:	3095	Ecuugno cp" Hato cykap	Ecuugno cp" Hato cykap	3757	9406	5098G/27	33(87	3098	39089	97(8	208:	808:
CTOUVTQPI	537	204;	Cnngijgp{" Hqtocvkqp	Rqwuxkmg Hqtocvkqp	344	5:09	3062G/27	38023	4045	43063	; 907	2087	; 087
DGCXGT	539	2065	Ingpuj cy Hqto cykqp	Cnngijgp{" Hqtocvkqp	38;	7505	3085G/27	35@3	4029	440 9	: 305	2087	80.4
DWVNGT	: 5	2028	Cmgijgp{" Hqtocvkqp	Ecuugno cp" Hqto cvkqp	5;	680	30, 3G/28	; (9:	4026	420 2	32202	202;	70.6
ENCTIQP	47	2024	Cnngijgp{" Hqtocvkqp	Rqwuxkmg" Hqtocvkqp	36	7802	4057G/28	33067	4046	39022	; 309	2087	;0,3
HC[GVVG	9:	2028	Oqpqpicjgnc" Itqwr	O qpqpi cj g" nc"I tqwr	84	9;07	7044G/28	34028	3097	45078	760	2043	35062
I TGGPG	3728	3082	Itggpg" Hqtocvkqp	Y cuj kpi vqp" Hqto cvkqp	637	4908	6@6G/27	34024	3045	4: 074	4708	2047	360,9
KPFKCPC	: 8	2028	Ingpujcy Hqtocvkqp	Dwti qqp" Ucpf uvqpg	92	: 306	604; G/28	3402:	4025	42088	; 906	2038	8097
LGHHGTUQP	46	2024	Cmgijgp{" Hqtocvkqp	Cnngijgp{" Hqtocvkqp	43	: 907	4059G/28	36@8	4084	43@9	;405	2034	9097
NCY TGP EG	38	2025	Cnngijgp{" Hqtocvkqp	Ujgpcpiq" Hqtocvkqp	34	97	308; G/28	: 056	4068	39079	8508	204:	2047
YCUJKPIVQP	4523	3085	Itggpg" Hqtocvkqp	Itggpg" Hqtocvkqp	548	3604	40 3G/27	32064	306;	4:067	670	2043	33087
Y GUVO QTGNCP F	3:4	2083	Oqpqpicjgnc" Itqwr	Ujgpcpiq" Hqtocvkqp" yitqwij" Quyc{q" Hqtocvkqp." wpfkxkfgf	327	7909	50 3G/28	34043	30 :	47(86	7; @	2043	330 :

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Vj g"cxgtci g"r tgekr kkcvkqp"cpf "pwo dgt"qh'htgg| g/yj cy "e{engu"r tkqt "vq "ncpf urkf gu"o c{"dg"ugpukkxg" vq"yj g"pwo dgt"qh'urkf gu"kp"gcej "eqwpv{0Hqt"gzco r ng. "Ncy tgpeg"Eqwpv{"j cu'yj g"uo cmguv'pwo dgt" cpf "f gpukv{ "qh'urkf gu"kp"yj g"f cvcdcug"*38"urkf gu."2024"urkf gulo kng#."tgur gevkxgn{ +."cpf "ku"cmq" cuuqekcvgf "y kj "yj g"j ki j guv'cxgtci g"r tgekr kkcvkqp"kp"yj g"9"f c{u'dghqtg"urkf gu"*204: "kpej If c{+'cpf " yj g"ny guv'cxgtci g"pwo dgt"qh'htgg| g"yj cy "e{engu*2047+'dghqtg'urkf gu0Vj gug"gzvtgo g" r tgekr kkcvkqp"cpf "htgg| g/yj cy "xcnvgu"f go qpuvtcvg"yj cv'y j gp"yj g"pwo dgt"qh'urkf gu"kp"c"eqwpv{ "ku" uo cm "c"uvcvkuvkecn'cpcn{ uku"ecp"dg"j gcxkn{ "kphrvgpegf "d{ "c"hgy "qwvrkgt"urkf gu"cuuqekcvgf "y kyj " gzvtgo g"xcnvgu"*y gcyj gt"eqpf kkqpu"kp"yj ku"gzco r ng+0

Vj g"gzco r ngu"cdqxg"wpf gtnkpg"yj g"ko r qt vcpeg"qh"ectghwn"cpcn{ uku"qh"yj g"f cvcdcug"y j gp"vt { kpi "vq" gzvtcev"vgo r qtcn"cpf "ur cvkcn"r cvgtpu"y kj "r tgf kevkxg"r qy gt0"Y j gtgcu"yj ku"r tqlgev"r tko ctkn{ " hqewugf "qp"f cvcdcug"eqpuvt wevkqp."yj g"uko r ng"cpcn{ ugu"r tgugpvgf "j gtg."cu"y gm"cu"qyj gtu"tgr qtvgf " kp"yj g"tgo ckpf gt"qh"yj ku"ugevkqp."r tqxkf g"i vkf gnkpgu"hqt"hwwrtg"cpcn{ ugu"yj cv"tgn{ "qp"yj ku"f cvcdcug0' Vj gug"i vkf gnkpgu"ctg"cu"hqmqy u<

- "Cpcn{ uku'tguwnu'qhygp'f gr gpf ''qp''y g'f cvc''uqwteg''wugf '*klg0'533.''RgppF QV.'P CUC.''gve0+.'' cpf 'j gpeg''ectghwn'eqpukf gtcvkqp''uj qwrf ''dg''i kxgp''vq'y j cv'f cvc''uqwtegu''ctg''wugf 'kp''cp'' cpcn{ uku0
- " C'wpkhkgf "cpcn{uku'qh'f cvc'htqo "ý g"gpvktg'uwkf { "ctgc"o c{ "o kuu'ko r qtvcpv'f khgtgpegu" dgvy ggp'uwd/tgi kqpu0
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- [~]" Cpcn{uku'qh'ur cvkcn'f cvc'ecp'dgpghk/htqo 'cempqy ngf i kpi 'vj g'ur cvkcn'wpegtvckpv{ 'cpf 'dkcu'' qh'f khgtgpv'f cvc'uqwtegu'^{sg}0 0'533'tgr qtvgf 'unkf gu'ctg'cuuqekcvgf 'y kj 'ur cvkcn'wpegtvckpv{ '' qh'cdqwi'3420. ''RgppF QV'tgr qtvgf ''unkf gu''ctg'tgr qtvgf ''cmpi ''y g'tqcf.''dwi'vj g''egpvtqkf ''ku'' nkngn{ ''dgmy ''qt''cdqxg''y g'tqcf.+0
- "" Cpcn{uku"qh'r qn{i qp"f cvc"*y j gtg"ncpf urkf gu"ctg"o cr r gf "cu'r qn{i qpu+"o c{"r tqf weg" f kthgtgpv'tguwnu"y cp"cpcn{uku"qh'r qkpv'f cvc"*y j gtg"ncpf urkf gu"ctg"o cr r gf "cu"c"r qkpv'kp" ur ceg+0
- " Cpcn{uku'qh'hkj qnqi ke'f cvc'ku'hko kgf 'd{ ''y g'tguqnwkqp''qh'i gqnqi ke'o cr u'* Ag0'hqto cvkqp'' cpf 'i tqwr 'tcy gt''y cp'kpf kxkf vcn'j qtk qpu'qt''tqen'v{ r g+0

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604" J kuvqtkecn'ncpf unkf gu"cpf "y g"ko r qtvcpeg"qh"vko kpi

Vj g'ncpf utkf g'f cvc''eqngevgf 'j gtg''ur cp''qxgt''c''egpwt { ''qh''UY RC''j knqt { 0J qy gxgt. 'vj g'f cvc'' ecr wtgf ''ctg''pqv'i gpgtcm{ ''vgo r qtcm{ ''eqo r tgj gpukxg'*Hki wtg'60408+0F cvc''f tcy p'htqo ''eqpuknygpv' tgeqtf u'vj tqwi j ''vo g''ecp''uko r nkh{ ''kphgtgpeg0'Ki'ncpf utkf gu''ctg''eqpuknygpvn{ ''tgeqtf gf ''vj tqwi j ''vo g.'' qy gt 'tgrcvgf ''vgo r qtcn'' tqeguugu. 'hqt''gzco r ng. ''y gcvj gt.''ecp''dg''f ktgevn{ ''tgrcvgf ''vq''yj g''ncpf utkf g'' tgeqtf u''cpf ''cuuqekcvkqpu''ecp''dg''gxcnvcvgf 0'Vj g''f cvcugvu''eqo r kngf 'j gtg''ecr wtg''f kthgtgpv'r gtkqf u'' qh'vko g.''qhvgp''hqt''ur gekhke''r qtvkqpu''qh''UY RC''*Hki wtg'60408+0



Hi wt g'604080T grcvkxg''yo r qtcn'eqxgtci gu''qh'ugrgevgf ''f cvcugvu''kpenvf gf ''kp''y g''f cvcdcug0'Y j krg'' y g''yo r qtcn'eqxgtci g''qh'y g''WUI U'ôQnf ö''f cvc''ctg''uj qy p''qp''y ku''r rqv''y gug''f cvc''ctg''pqv'' kpenvf gf ''kp''y g''f cvcdcug0 Vj gtg"ctg"vko g"r gtkqf u"qh"gzegngpv"eqxgtci g0Vj g"WUI U"eqo r krevkqp"ecr wtgu"yj g"gpvktg"uwwf {" ctgc"wukpi "cgtkcn"r j qvqi tcr j {"ces wktgf "¢3; 95"*Rqo gtq{."3; : 4+0F wtkpi "yj ku"o cr r kpi "o wnkr ng" uwthceg"hgcwtgu"y gtg"kf gpvkhkgf .'tcpi kpi "htqo "õCevkxg"qt"Tgegpvn{"Cevkxgö"hcpf urkf gu"*kQO" ncpf urkf gu"cr r ctgpv"qp"yj g"r j qvqi tcr j {+"vq"õQnf ö"hcpf urkf gu"*kQO"hcpf urkf gu"cr r ctgpv"qp"yj g" r j qvqi tcr j {."dwv"qxgtr tkpvgf "d{"uwdugs wgpv"r tqeguugu"uwej "cu"tgxgi gvcvkqp+"vq"õJ wo cp"o cf gö" hgcwtgu"*gO 0's wcttkgu. "uvtkr "o kpgu+0'Vj g"CevkxgIT gegpvn{"Cevkxg"hcpf urkf gu"j cxg"f gegpv"vko g" eqpvtqn**y g"npqy "yj g{"qeewttgf "uj qtvn{"dghqtg"yj g"r j qvqu"y gtg"vcngp+."dwv'yj g"õQnf ö" ncpf urkf gu"eqwrf "j cxg"qeewttgf "c"f gecf g"dghqtg"yj g"r j qvqu"y gtg"vcngp"qt"eqwrf "tghrgev"hcpf urkf gu" geewttkpi "f wtkpi "r tg/Gwtqr gcp"r gtkqf u"qt "cevkxcvgf "f wtkpi "gctn{"engctcpeg"hqt"ci tkewnvtg0" T gi ctf nguu. "yj ku"tguwnu"kp"c "hwpf co gpvcm{"wpgxgp"f kuvtkdwkqp"qh"hcpf urkf gu"cetquu"yj ku"j kuvqt {"



Hi wt g'604040Vgo r qtcn'f kwtkdwkqp''qh'hcpf urkf gu'y ky 'f cvgu'kp''y g'f cvcdcug0

Vj ku'kpeqpukuvgpv'tgeqtf kpi ''qh'ncpf urkf gu'hko ku''qwt ''cdkrkx{ ''q''gxcnxcvg''y g'tqng''qh''gz vtgo g''gxgpvu0' Vj g''WUI U'o cr r kpi ''y cu''c'tgcevkqp''q''y g''y kf gur tgcf ''ncpf urkf kpi ''cuuqekcvgf ''y ky ''J wttkecpg'' Ci pgu'*3; 94+**Rqo gtq{.''3; : 4+*Ukpeg.''y gtg'j cxg''dggp''cf f kkqpcn'gz vtgo g''gxgpvu''kp''y g''tgi kqp.'' y kj ''J wttkecpg'Kxcp'*4226+.''dgkpi ''r qvgpvkcm{ ''y g''o quv'ko r qtvcpv0J qy gxgt.''y g''cxckredng'' ncpf urkf g''f cvc''tgeqtf gf ''f wtkpi ''y g''chgto cyj ''qh'J wttkecpg'Kxcp''ku''xgt{ ''o kpko cn0'Vj ku''ho ku''qwt'' cdkrkv{ ''q''cuuguu''y g''tqng''qh''gz vtgo g''r tgekr kxcvkqp''qp''tgi kqpcn'ncpf urkf kpi ''cpf ''j gpeg''ho kwu'' cuuguuo gpv'qh'hwwtg''tkm0 K/ku'pqv'wpeqo o qp'hqt'ncpf utkf g''qeewttgpeg''q''f gr gpf ''qp''y g''xqnxo g''qh'o qdkrg''o cvgtkcn'uvqtgf " qp''y g'j kmmr g0Rtqf wevkqp''qh'y ku'o cvgtkcn'ku'c''vlo g/f gr gpf gpv'r tqeguu.''uq''y g''s wguvkqp''ctkugu." f kf ''y g''uwduvcpvkcn'o qxgo gpv''qh'o cvgtkcn'd{ ''ncpf utkf gu''hqmry kpi ''J wttkecpg''Ci pgu''f ko kpkuj " ncpf utkf kpi ''kp''uwdugs wgpv''{ gctuA'Hqt''gzco r ng.''J wttkecpg''J wi q'*3; : ; +"ecwugf ''y kf gur tgcf " ko r cewi'y tqwi j qw''Y guv'Xkti kpkc.''kpenxf kpi ''ncti g''r qtvkqpu''qh'y g''O qpqpi cj grc''Tkxgt''Xcmg{ '' *Leeqduqp.''3; ; 5+:'j qy gxgt.''y gtg''ku''pq''kpf kecvkqp''qh'kpetgcugf ''ncpf utkf kpi ''kp''UY RC ''hqmry kpi '' y cv'uvqto 0'Ku''y cv'c''hwpevkqp''qh'y g''ur cvkcn'r tgekr kscvkqp''r cvgtpu''qt''f qgu'kv'tghrgev'f ko kpkuj gf '' xqnxo gu'qh'o qdkrg''j kmmrq g''o cvgtkcmi'f wg''q''ncpf utkf kpi ''hqmry kpi ''J wttkecpg''Ci pgu''39''{ gctu'' r tkqt''q''3; : ; A'Qt.''cnrgtpcvkxgn{.''f qgu'kv'tguvn/'htqo ''c''i cr 'kp''y g''f cvc''tgeqtf A''Vj g''i cr u''kp''y g'f cvc'' tgeqtf ''r tgenxf g''qvt''cdktkv{ ''q''cpuy gt''y gug''uqtvu'qh''s wguvkqpu0

Cpqyj gt''uwduvcpvlcni' cr 'lp''y g''f cvcdcug'ku'cuuqekcvgf ''y ky ''rcpf utkf gu''dghqtg'3; 940T geqtf u'hqt'' ur geldhe''uwd/tgi kqpu'lp''UY RC''gzkuu'*g0 0''y g'Cengpj gkiff kuugtvcvlqp''tgeqtf u'pgct''Rkvudwti j +'dwi' y gtg''ctg''xgt { 'hgy ''tgeqtf u'hqt''y g''tguv'qh'y g'tgi kqp''dghqtg'3; 94'*kv'ku'f khhewn/'\q''cuuguu''y g''ci g''qh'' y g'õQrf ö''rcpf utkf gu'o cr r gf ''d { ''y g''WUI U'cu''y qug''y gqtgvlecm{ "eqwff ''dg''r tgj kurqtle''qt''htqo ''y g'' 3; 82u+0J wo cp''cevlxkkgu''ecp''ugv'qhh''rcpf utkf gu'*htqo ''gctn{ ''eqrqplcnhcpf utkf gu''tki i gtgf ''d { ''hqtguv'' engctcpeg''hqt''ci tlewnwtg''q''tgegpv'gzco r ngu'hkng''y g''Mkrdweni'rcpf utkf g+0'Y j cv'ku''pqv'engct''ku''j qy '' y g'j wo cp''eqpvtkdwkqp''q''rcpf utkf kpi ''j cu''ej cpi gf ''cu''j wo cp''f kuwtdcpegu''j cxg''i tqy p''o qtg'' lpvgpug0'Ki'cmq''ko ku''qwt ''cdktkv{ ''q''cuuguu''y g''r gtukugpeg''qh'urqr g''kpuvcdktkv{ 0'Vj cv'ku.''j cxg''uqo g'' qh'y g''ncpf utkf gu'' gtukuvgf 'hqt''o qtg''y cp''c''egpwt { A'Vj gug''dqwpf u'ecp''r tqxlf g''xcnvcdng'' lphqto cvkqp''cu''y g''hqto wrcvg''uqnwkqpu'\q''qpi qkpi ''rcpf utkf gu''cpf ''r rcp''q''o kki cvg''rcpf utkf kpi ''cu''c'' tguwn''qh''hwwtg''j wo cp''f kuwtdcpegu0

Vj g'ghiqtv'pgeguuct { ''q'tgeqput wev'ncpf ukf g'qeewt gpeg'ku'uwduc pvkcn/Hqt ''gz cor ng.''f wt pi ''y ku'' r tqlgev'y g''cwgor vgf ''q''eqput ckp''y g''f cwg''qh'ncpf ukf gu''q''y j gtg'y g''npgy ''c''ncpf ukf g'j cf '' qeewt tgf .''dw'c''ur gekhe''f cwg''y cu''pqv'r tqxkf gf '*'g0 0''qpn{ ''c''{gct'xcnwg''y cu''r tqxkf gf +0'Vj g''ewt tgpv'' f cw''ncpf uecr g'ku'wpr tgegf gpvgf .''y ky ''qqnu'hkng''I qqi ng'Gcty ''r tqxkf kpi ''tkej ''ugu''qh'tgwtp''cgtkcn'' r j qvqi tcr j { ''q''yj g''i gpgtcn'r wdnke.''cpf ''ghqt u''hkng''Cmgi j gp { ''Eqwpv{ øu'tgr gcv'NkF CT''r tqxkf kpi '' gz vtgo gn{ 'tkej ''xqnvo gu'qh''ygej pkecn'f cwc0'Y g''cwgor r vgf ''q''wkrk g''RNCP GV'f cwc'' ><u>y y y 0 mpgvlæqo</u> @'f ckn{ ''ucvgnkg'ko ci gu'qh'y g''gctyj øu''uwthceg'y kj '', /hqqv'r kzgn.''q''r kpr qkpv'' y g''f c{ ''c''ncpf urkf g''qeewt tgf 0'Y j krg''f ckn{ 'ku'c''dkv'qh'c''o kupqo gt ''cu''enqwf ''ht gg''eqpf kkqpu''ctg'' pgeguuct { ''hqt 'wcdng''ko ci gt { .''yj ku''uknrh't tqxkf gu''c ''geqtf ''yj cv'uj qwrf ''cmy ''eqpuvt ckpkpi ''f cvgu''q'' y kj kp''f c{ u0'J qy gxgt.''gxgp''cv'yj ku''tguqnwkqp. 'kf gpvkhecvkqp''qh'ncpf urkf gu''y cu''pqv'eqpukrvgpv{ '' r quukdng''*Hki wtg'60405+016p''gctnkgt''r gtkqf u''y j gtg''nguu'f cw''ku''r tgugt xgf ''cpf ''j g''f cw' y qwrf ''tcr kf n{ '' kpetgcug'tgrcvkxg''q''y g''Rncpgv'f cw''cr r tqcej .''kn''y g''tgeqpuvt wev'ncpf urkf g''vo kpi ''y qwrf ''tcr kf n{ '' kpetgcug'tgrcvkxg''q''y g''Rncpgv'f cw''cr r tqcej .''kn''y g'tgeqpuvt wevkqp''qh''vo g''eqpuvt ckpvu'ku''r quukdng'''



Hi wt g'604050T gwtp'ko ci gt { "eqngevgf 'd { 'RNCP GV'ucvgnkgu'qh'c'hcpf utkf g'*r kp'o ctmu" cr r tqzko cvg'hqecvkqp+'kp'Cngi j gp { 'Eqwpv{ 'tgr qtvgf 'd { 'RgppF QV'F kuxtkev'33''qp'Lcpwct { '4; ." 423: 0P qvg''y cv'ej cpi g'ku'xgt { 'j ctf 'vq'f gvgev'gxgp''cv'y ku'ko ci g''qh'50 'tguqnwkqp0

I kxgp''y g''tcf gqhhu'dgw ggp''y g''ghqtv'pgeguuct { ''q''tgeqputwev'ncpf unkf g''ko kpi ''cpf ''y g''tgncvkxg'' kphgtgpeg''y ku'f cw''cmqy u. ''kv'ku''pqv'engct''y cv'y kf gur tgcf ''tgeqputwevkqp''qh'j kuvqtkech'ncpf unkf g'' f cvgu'ku''cf xkucdng0'Vj cv'uckf . ''hqt''ur gekhke''s wguvkqpu. ''qxgt''vki j vn{ ''eqputckpgf ''ur cvkch'f qo ckpu.'' tgeqputwevkqp''qh'ncpf unkf g''qeewttgpeg''ecp''r tqxkf g'j gn hwn'kpuki j v0'T gi ctf nguu. ''eqngevkqp''cpf '' kpenwukqp''qh'vko guvco r u'kp''cm'hwwtg''ncpf unkf g''ecvcnqi kpi 'j cu''engct''dgpghkwu'hqt''dqy ''ewttgpv'cpf '' hwwtg"o cpci go gpv'ghłqtu0Tgeqtf kpi "yj g'f cvg"qh"ncpf utkf g'kpkkcvkqp"ku"qpg"qh"yj g"o quv'ko r qtvcpv" r kgegu"qh"f cvc"vq"dg"r tgugtxgf 0

605"Rtgekrkwcvkqp

Qxgt''y g'pgzv'egpwt {.''r tgekr kxvkqp'ku'cpvlekr cvgf ''q'kpetgcug'kp''pqtyj gcuvgtp''Wpkvgf ''Uvcvgu'' *Gcuvgtnkpi ''gv'cr0''4239+0'Ej cpi gu'kp''r tgekr kxvkqp''r cvvgtpu.''kpenvf kpi ''kpetgcugf ''r tgekr kxvkqp'' enwuvgtkpi ''cpf ''kpvgpukv{.''ctg''gzr gevgf '*F qpcv'*gv'cr0*''4238+0'Vj gug''ej cpi gu''o c{ ''ngcf ''q''o qtg'' htgs wgpv'ncpf urkf gu'kp''y g'tgi kqp0'Hqt''gzco r ng.''y g''gzvtcqtf kpct{''423: ''r tgekr kxvkqp''kp''Rkvudwti j '' ecwugf ''c'r gtkqf ''qh'kpetgcugf ''uj cmqy ''uqkn'o qkuwtg''cpf ''kpetgcukpi ''i tqwpf y cvgt''nzgnu''f wtkpi '' tgf wegf ''gxcr qvtcpur ktcvkqp''eqpf kkqpu''r tgxcngpv'kp''y kpvgt0'Vj ku''eqo dkpcvkqp''qh'hcevqtu'kpf wegf '' y kf gur tgcf ''ncpf urkf gu'kp''y g'tgi kqp''*Cuj ncpf .''4243+0'Cu''r tgekr kxcvkqp''xctkcdktkv{ ''cpf ''o ci pkwvf g'' eqpvkpvyu''q'kpetgcug'kp''y g''eqo kpi ''{gctu.''o qtg''ncpf urkf gu''uggo ''hngn{''q''qeewt'kp''y g''tgi kqp0

Qpg'uwduvcpvkcn'ej cmgpi g'kp''ej ctcevgtk kpi ''y g'kpvgtcevkqp''dgw ggp''r tgekr kkcvkqp''cpf ''rcpf urkf g'' vlo kpi ''ku'yj g''ho kgf ''tgeqtf u'y kyj ''kphqto cvkqp''qp''rcpf urkf g''vlo kpi ''*ugevkqp'604+60Vj g'f cvcdcug'' eqpvckpu'tqwi j n{ ''4722''rcpf urkf gu'y kyj ''cv''rgcuv'cp''cr r tqzko cvg''f cvg''qh''qeewttgpeg0Uqo gvko gu'' y gug''f cvc''ctg''pqv'r tgekug. ''cu'yj gtg''ecp''dg''c''rci ''dgw ggp''yj g''vlo g''qh''rcpf urkf g''qeewttgpeg''cpf '' f gvgevkqp ltgr qtvkpi 0'Hwt yj gt. ''rcpf urkf gu''ecp''o qxg''xgt { ''urqy n{ ''hqt ''gz vgpf gf ''r gtkqf u'dghqtg'' etquukpi ''yj g''yj tguj qrf ''q''f co ci g''qt''tcr kf ''o qxgo gpv'yj cv'tguvnu''kp''tgr qtvkpi .''o cmkpi ''yj g''f cvg''qh'' rcpf urkf g''qeewttgpeg''j ctf ''q''ur gekh{ ''r tgekugn{ 0'Uq. ''cpcn{ uku''qh''r tgekr kkcvkqp''cpf ''rcpf urkf g''vlo kpi '' f qgu''kpeqtr qtcvg''uqo g''pqkug0'F gur kg''yj gug''r qvgpvkcn'wpegtvckpvkgu. 'yj gug'f cvc''tgo ckp''cp'' lo r qtvcpv'y c { ''q''gz co kpg''yj g''tgrcvkqpuj kr ''dgw ggp''r tgekr kkcvkqp''cpf ''rcpf urkf g''c''' o gcpu''q''gxcnwcyg' yj g''ko r cev'qh'hwwtg''enko cvg''uegpctkqu''qp''tgi kqpcn'rcpf urkf kpi 0

K gcm{.'y gtg'y qwf 'dg''gzcev'r tgekr kcvkqp'tgeqtf u'cetquu'UY RC0J qy gxgt.'o gvgqtqrqi kech' uvcvkqpu'ctg''ko ksgf 'kp''dqy 'vgo r qtcri'cpf 'ur cvkcri'eqxgtci g0'Vj gug'f cvc''i cr u'o cng''ky'f khkewn'vq'' cpcn{| g''y g'tgrcvkqpuj kr ''dgw ggp''r tgekr kcvkqp''cpf 'ncpf urkf g''qeewttgpeg.''cu''uvcvkqp'f cvc''ecppqv'' r tqxkf g''y g''ur cvkcri'cpf 'vgo r qtcri'eqpvkpvkk{ ''tgs vktgf 'hqt'c''tqdwuv'cpcn{uku0Vj gtghqtg.''y g'j cxg'' wkrk gf ''r tgekr kscvkqp''f cvc''y cv'j cu''dggp''kpvgtr qrcvgf ''cetquu''y g''tgi kqp''cv'c''tguqnwkqp''qh'6''no '' r kzgr0Vj g''RTKUO ''r tqlgev'j cu'i gpgtcvgf 'j ki j /tguqnwkqp''y gcyj gt''o cr u'y cv'kpeqtr qtcvg''pqv''lwuv'' r tgekr kscvkqp''dw''cnqq'i gqi tcr j kecn'cpf ''vqr qi tcr j kecn'kphrwgpegu''hrg''grgxcvkqp''cpf ''urqr g'' qtkgpvcvkqp'*F cn{ ''cpf ''Dt{cpv.''4235+0Vj ku''o gyj qf ''ceeqwpwi'hqt''hcevqtu''uwej ''cu''grgxcvkqp.''urqr g'' cur gev.''cpf ''r tqzko kw{ ''q''eqcuvrkpgu'kp ''gxcnwcvkpi ''qh'r tgekr kscvkqp''hqtekpi u'kp''necri'eqpvgzv0Vj ku'' ugevkqp''gxcnwcvgu''y g'tgrcvkqpuj kr ''dgwy ggp''necri'r tgekr kscvkqp''r cvgtpu'f gtkxgf 'htqo ''RTKUO ''f cvc'' cpf ''y g''qeewttgpeg''qh'hcpf urkf gu'kp''y g''uwf { ''ctgc0

60506" Eqor ctkupp"qh
'r tgekr kwwqp"cpf "mpf urkf g"gxgpvu" 4227/4244

Wpf gtuvcpf kpi "y g't grcvkqpuj kr "dgw ggp"r tgekr kvkqp"cpf "rcpf urkf g"qeewt tgpegu"ku et vekcn hqt" r rcppkpi "o kki cvkqp"qh"rcpf urkf gu"ko r cew0Vj ku"ugevkqp"cpcn{| gu"r tgekr kvkqp"f cvc"hqt"rcpf urkf g" gxgpvu"kp"qvt"uvwf {"ctgc"dgw ggp"4227"cpf "4244"*y g"r gtkqf "y kj "y g"o quv"cxvkrdng"f cvgu"cpf " y gtghqtg''y g'o quv'y gcy gt'f cvc+0'Vj g'cpcn{uku'hqewugu'qp''y g'o gcp'r tgekr kxvkqp''qxgt''y g'3''cpf''9'' f c {u'r tgegf kpi ''gcej ''f cvgf ''ncpf urkf g''f wtkpi ''y ku'r gtkqf ''*Vcdng''60508+0

Vcdng'605080Eqorctkuqp"qh'y g"pwodgt"qh'ncpfunkfgu'y kj "y g"cxgtcig"rtgekrkkcvkqp"fwtkpi "3"cpf"9"fc{u" dghqtg"ncpfunkfg"gxgpv'dgw ggp"4227/4244

[gct	Ncpf udf g" pwodgt	Rt gekr ksc vkqp" qp'f c{'qh'inkf g" *kp1f c{+	Rt gekr ksc vkqp'9" f c { u'r t kqt '\q" f c { 'qhitcpf unkf g" *kp1f c { +
4227	38	208;	2049
4228	3	2028	2047
4229	5	203;	2088
422:	:	2026	208:
422;	4	2043	2028
4232	:	2079	2046
4233	49	204;	2053
4234	:	209;	205
4235	34	2077	2057
4236	34	203;	2036
4237	84	2046	2043
4238	: 8	204	2035
4239	33;	2038	2088
423:	643	2066	2048
423;	58:	2014	2039
4242	367	2036	2086
4243	358	2046	208:
4244	347	208:	2089



Hi wt g'6050500Eqo r ctkuqp"qh'vqvcn'f ckn{ 'eqwpv'qh'ncpf utkf gu'qeewttkpi 'htqo '4237'vq'4245'y kj 'vj g'' cxgtci g''r tgekr kcvkqp"qxgt 'f kthgtgpv'r gtkqf u''r tgegf kpi "gcej 'f cvgf 'ncpf utkf g'kp"vj g'uwwf { 'ctgc'*3'' cpf '9"f c { u.'r cpgnu"c+'cpf ''d+'tgur gevkxgn{ +0'Gcej ''dnwg''dct'tgr tgugpvu''yj g''cxgtci g''r tgekr kcvkqp" tgr qtvgf 'kp"vj g'f cvcdcug'hqt"cm'ncpf utkf gu''y cv'qeewttgf ''f wtkpi ''yj g''r tkqt 'tgur gevkxg"o qpyj.'r qwgf '' qp''yj g''nghv'{/czku0'Vj g'tgf ''f qu''tgr tgugpv''yj g''pwo dgt"qh'hcpf utkf gu'f wtkpi ''gcej ''o qpvj.'r mvgf ''qp'' y g'tki j v'{/czku0'P qvg''yj cv'yj g''pwo dgt"qh'dctu''o c{ ''xct { ''f wg''q''yj g''cxckrcdktkv{ ''qh'eqo r myg'' r tgekr kcvkqp''f cvc'hqt''yj g''r tgegf kpi ''r gtkqf u0

Vj gtg"ctg"ugxgtch"kpvgtguvkpi "qdugtxcvkqpu"yj cv"ctkug"htqo "Vcdng"605080"Vj g"cxgtci g"r tgekr kcvkqp" y kyj kp"3"cpf '9"f c{u"r tkqt"vq"ncpf urkf gu"j cu"c"eqpukf gtcdn{ 'y kf gt"tcpi g"dgw ggp"4227/4236"*g0 0" 2026/209; "Kp lf c{ 'hqt 'yj g"3/f c{ 'r gtkqf +."eqo r ctgf "vq"yj g"r gtkqf "dgw ggp"4237/4244"*g0 0'2086/ 2066"Kp lf c{ 'hqt 'yj g"3/f c{ 'r gtkqf +.0Vj ku"rkngn{ "tghngewu"yj g"uo cm'pwo dgt"qh"ncpf urkf gu'r gt"{ gct" *>49+'kp''y g'f cvcdcug'f wtkpi ''y ku'r gtkqf.'tguwnkpi 'kp''c''uvtqpi gt''qwvrkgt''ghbgev'qp''r tgekr kcvkqp'' uvcvkuvkeu0Dgw ggp'4237''q'4244.''y g''pwo dgt''qh''ncpf urkf gu'f tcuvkecm{ 'kpetgcugf '*@84+'dgecwug''qh'' y g''cf f kkqp''qh'u{ uvgo cvkecm{ 'tgr qtvgf '533'f cvc0Vj g''ncti gt''uco r ng''qh''ncpf urkf gu''ko r tqxgu''y g'' tqdwuvpguu''qh'y g''uvcvkuvkecn'cpcn{ uku''cpf 'tgf wegu''y g''tcpi g''qh'cxgtci gf ''r tgekr kcvkqpu0

Hki wtg''6050''tgxgcni'kpygtguvkpi "cuuqekcykqpu'dgyy ggp''y g''pwo dgt''qhi'ncpf utkf gu''cpf ''r tgekr kocykqp'' dgwy ggp''4237/42440'O qpyi u''y kj 'j ki j "pwo dgt''qhi'ncpf utkf gu''uqo gvko gu''f q''pqv'j cxg''c''j ki j " cxgtci g''r tgekr kocykqp''y kj kp''3''f c{''qh''y g''ncpf utkf gu''*Hki wtg''60505c+001 qy gxgt. ''y ku''cuuqekcykqp''ku'' uvtqpi gt''hqt''y g''cxgtci g''r tgekr kocykqp''y kj kp'9''f c{u''r tkqt''q''ncpf utkf gu'**Hki wtg''60505d+0'Vj ku'' r qkpwu''q''y g''ko r qtvcpeg''qh''dqy ''r wpewocyf ''*4020''3''f c{''dghqtg''ncpf utkf g+''cpf ''ewo wrcykzg'' r tgekr kocykqp''*4020'9''f c{u''r tkqt+''qp''ncpf utkf g''qeewttgpeg0'Hwtyj gt. ''y g''j ki j ''pwo dgt''qhi'ncpf utkf gu'' kp''423: ''cpf ''423; .''eqo r ctgf ''q''j g''nqy gt ''pwo dgt''qhi'ncpf utkf gu''f wtkpi ''o qpyj u''qh'uko krctn{''j k j '' r tgekr kocykqp''k243''ku'kpytki wkpi 0'C''r qygpycn'kpygtr tgycykqp''ku''y cy'y g''r tgekr kocykqp'kp''423: / 423; ''tki i gtgf ''o cp{''ncpf utkf gu''y cy'y gtg''ōtkr gö''hqt'hcknytg.''ngcxkpi ''hgy gt''uwej ''ncpf utkf gu''q''nchf wpf gt''uko krct''eqpf kkqpu'kp''42430

60504" Eqor ctkuqp"qh"r tgekr kcvkqp"cpf "hcpf urkf g"gxgpvu"kp"Cr tkri423:

Cr tki/423: "y cu"o ctngf "d{ "kpvgpug"uvqto { "y gcy gt"cpf "uki pkhecpv"ncpf urkf g"gxgpvu"kp"cpf "ctqwpf " Rkwudwti j "*Cuj ncpf."4243+0Vj g"f cvcdcug"r tqxkf gu"cp"qr r qtwpk{ "\q"gzr nqtg"\j g"cuuqekc\kqp"qh" y gug"rcpf urkf gu"y ky "f ckn{ "cpf "y ggm{"r tgekr kcvkqp"*3"cpf "9"f c { u. "Hk wtgu"60506c"cpf "60506d." tgur gevkxgn/+0Uqo gvko gu'ncpf urkf g''gxgpvu''ctg''gngxcvgf ''qp''f c{u''qh''j gcx{''r tgekr kcvkqp0Hqt'' gzco r ng. "qp'Cr tki'6"cpf 'Cr tki'38. "f ckn{ 'r tgekr kcvkqp"gzeggf gf "qpg"kpej. "tguwnkpi 'kp'o wnkr ng" rcpf urkf gu0Ur gekhecm{. 'Cr tkrl6'f ckn{ 'r tgekr kxxkqpu'cv'rcpf urkf g''necvkqpu'cxgtci gf '305'kpej gu'' cpf '307'kpej gu''qp''Crtki'380'Cp''grgxcvgf ''pwo dgt ''qh''rcpf urkf gu'*6''rcpf urkf gu'r gt ''f c{+'y gtg'' qdugtxgf "hqt"dqyj "fc{u."uwi i guvkpi "cp"cuuqekcvkqp"dgw ggp"j gcx{"fckn{"rtgekrkcvkqp"cpf" ncpf urkf g''geewttgpegu'*Hki wtg'60506c+0J qy gxgt. 'vj gtg''ctg''cnug''f c{u'y kj ''nyy ''qt''pq''r tgekr kxcvkqp'' y cv'uvkn'j cf "rcpf urkf gu. "eqphto kpi "y cv'hcevqtu"dg { qpf "gxgpv'f c { "r tgekr kcvkqp. "uvej "cu'r tkqt" ewo wrxkxg'r tgekr kxxkqp''qt'kpj gtgpv'urqr g'kpuvcdkrks{. 'r rc { 'c'tqrg'kp''vtki i gtkpi 'rcpf urkf gu0 Cnigtpcvkxgn{.'y ku'o c{ 'cniq'tghgev'c'i cr 'dgw ggp'y g'cewcn'f c{ 'qh'hcpf unkf g'qeewttgpeg'cpf 'y g' fc{"qp"y j kej "kv"y cu"tgr qtvgf 0'C xgtci g"r tgekr kxcvkqp"y ky kp"9"fc{u"r tkqt"vq"c"ncpf urkf g"uj qy u"c" tgcuqpcdrg'tgrcvkqpuj kr 'y kj 'y g'pvo dgt'qh'rcpf urkf gu'*Hki wtg'60506d+0Hqt'gzco r ng. 'y g'ugxgp'' fc{u'r tgegf kpi 'Cr tkn'38/3; 'j cf 'c'tgrcvkxgn{ 'j ki j ''cxgtci g'r tgekr kxcvkqp. ''eqttgrcvkpi ''y ky ''c''j ki j '' rcpf urkf g'eqwpv'f wtkpi ''y gug'f c {u0J qy gxgt. 'y ku'ku'pqv'cny c {u'eqpukuvgpv. ''cu'uggp'f wtkpi ''Crtkn' 47/4: .'y j gtg'c'tgrcvkxgn{ 'j ki j 'pwo dgt'qh'urkf gu'qeewttgf 'y ki qwv'r ctvkewrctn{ 'j ki j 'r tgekr kxcvkqp'' kp"yjg"rtgegfkpi '9"fc{u0Kk'ku'korqtvcpv'vq"pqvg"yjcv'yjku'ujqtv'cpcn{uku'ku''dcugf "rtkoctkn{"qp'533" f cvc. 'y j kej 'j cu'ho kcvkqpu0Kp'r ctvkewrct. 'y g'pcttqy 'ur cvkchhqqvr tkpv'cpf 'r qvgpvkchhqt'f wr necvg' tgr qtvu"kp"yj g"533"f cvc"f q "pqv"pgeguuctkn{ "tghrgev"ncpf urkf g"r cwgtpu"cetquu"yj g"gpvktg"uwvf { "ctgc0



Hki wt g'605060'T gncvkqpuj kr "dgwy ggp"f ckn{ 'vqvcn'pwo dgt"qh'ncpf utkf gu"cpf "cxgtci g"r tgekr kxcvkqp" qxgt"r gtkqf u"qh'3"cpf '9"f c{u"r tgegf kpi "gcej "f cvgf "ncpf utkf gu"kp"Cr tknl423: 0'Gcej "dnwg"dct" tgr tgugpvu'yj g"cxgtci g"r tgekr kxcvkqp"hqt"yj gug"r gtkqf u. "r nqvgf "qp"yj g"nghv"{/czku0'Vj g"tgf "f qwu" tgr tgugpvy'yj g"pwo dgt"qh'ncpf utkf gu. "r nqvgf "qp"yj g"tki j v"{/czku0

Vj ku'uko r ng'cpcn{ uku'j ki j nki j wu'ugxgtcn'tgncvkqpuj kr u'vj cv'ctg'j gn hwnhqt''wpf gtuvcpf kpi 'tgi kqpcn' ncpf urkf kpi 0'Kp''r ctvkewnct.''vj g'kpvgtcevkqp''dgw ggp'f khhgtgpv'r gtkqf ''cxgtci g''r tgekr kcvkqp''cpf " ncpf urkf g''gxgpwu'htqo ''4227''vq''4244''kpf kecvgu'vj cv'dqvj ''ko o gf kcvg''cpf ''ewo wncvkxg''r tgekr kcvkqp'' ctg''cuuqekcvgf ''y kj ''kpetgcugf ''ncpf urkf g''cevkxk{ ''kp''yj g''tgi kqp0

606" Dgf tqeni'i gqmi { "cpf "ncpf urkf kpi "kp''uqwj y guvgtp''Rgppu{ ncpkc Kp''UY RC."y g''qr qi tcr j { "cpf 'i gqmi ke''ut wewtg''j kurqtkecm{ 'j cxg''f kevcyf ''y g''mecvkqp''qh''tqcf u0' Tqcf u''qhygp''twp''y tqwi j ''xcmg{ "dqwqo u''cf lcegpv''q''dqy ''uvggr ''pcwtcn'cpf lqt ''ewi'tqeni'umqr gu''cpf '' vgttcegu''qh''eqmvxkwo 0'Vj ku''r ncegu''tcpur qtvcvkqp''eqttkf qtu''pgct''ncpf urkf g''r tqpg''ctgcu."cpf '' y gtghqtg''ecp''tguwni'kp''ugtxkeg'kpvgttwr vkqpu. "gpxktqpo gpvcn'ko r cevu."cpf 'kphtcuvtwewtg''f co ci g0 Ko r qtvcpv'i gqnqi ke'o cvgtkcni'kp''UY RC 'kpenwf g'uj cng.''ucpf uvqpg.''ko guvqpg.''cpf ''eqcn'' *f guetkr vkqpu''qh'tgi kqpcn'uvtcvki tcr j { ''tgn{ ''qp''pco gu''cpf ''y kenpguugu'kp''Vcdng''3(B+0Kp''r ctvkewrct.'' y g''enc{uvqpg''cpf ''o wf uvqpg''wpku'j cxg'kpj gtgpv'y gcnpguu'y j kej 'y j gp''eqo dkpgf 'y kj ''qy gt'' eqpvtkdwkpi 'hcevqtu'*g0 0'htgg| g''y cy .''y gcy gtkpi .''vqr qi tcr j ke''unqr g.''gw0+''ecp''kpetgcug''rcpf urkf g'' tkm0

Dcugf "qp"y g"f kıxtkdwkqp"qh"ncpf utkf gu"kp"y ku"f cvcdcug"*Hki wtg"50808+."y gtg"cr r gct"vq"dg"y tgg" f kıxkpev'i gqnqi kecnleqpvtqni"cetquu"y g"uwwf {"ctgc0%p"Rkvudwti j "cpf"uwttqwpf kpi "eqwpvkgu."y kem" y gcmlenc { uvqpgu"ctg"cuuqekcvgf "y kj "ncpf utkf g"qeewttgpeg"kpenwf kpi "kphco qwu"uvtcvc"tkng"y g" Rkvudwti j "Tgf "Dgf u0Wpeqpuqtkf cvgf."enc {/tkej "eqmvxkcnlf gr quku"ctg"cuuqekcvgf "y kj "y g"i tgcvguv" f gpukv{ "qh"ncpf utkf gu"kp"y g"f cvcdcug"kp"Y cuj kpi vqp"cpf "I tggpg"Eqwpvkgu0%p"y g"pqty y guvgtp" ugevkqp"qh"y g"uwwf {"ctgc"*Dwrgt"cpf "Ncy tgpeg"Eqwpvkgu+fi mekcvkqp"j cu"uo qqy gf "tgrkgh"cpf " cnvgtgf "uqknu."cpf "ncpf utkf g"qeewttgpeg"ku"nqy gt"cu"c"tguvn0

Cnj qwi j 'ý g''Rkwudwti j 'Tgf 'Dgf u'ctg'uqo gwlo gu'kf gpwlfkgf ''cu'ý g''ewr tk/hqt ''y g''eqpulf gtcdrg'' pwo dgt ''qh'repf urkf gu'kp''y guvgtp ''Rgppu{ rxcpkc. ''y gtg''ctg''qy gt ''ere{/tkej ''wpku'kp''y g''uxtcwli tcr j { '' y cv'cmq 'tguwn/kp''nepf urkf kpi 0'Ceewtcvgn{ ''o cr r kpi ''y gug''uvtcwc''r tgugpwu'uki pkheepv'ej cmgpi gu0' Vj g''ej emgpi gu'i tqy 'htqo ''dqyj ''y g''xctkcdktw{ ''qh''uvtcwli tcr j ke ''y kempguugu''cetquu''y g''hqto cvkqp'' *'Hki wtg''60608+''epf ''htqo ''y g''reeml'qh''wr f evgf ''i gqmi ke''o cr r kpi ''evj' ki j gt 'tguqnwkqpu'kp''y g''tgi kqp0' *'Vj g''o quv'tgegpv'tgi kqpen'o cr r kpi ''f evgu''q''ev'rgeuv'3; : 2''epf ''eq ''tgxkukqpu''q''y g''uvcy'i gqmi ke'' o cr ''f wtkpi ''y cv'wr f evg+0J qy gxgt. ''i kxgp''y g''uvteve''etg'' gggt gt ''ggucdrkuj ''kh'y g''dgf tqemi'qt'' dg'r quukdrg''q''wg''y g''grgxcvkqp''qh'e''ngeevkqp''tgrevkxg''q'e''f ggr gt ''dg ''u''guvedrkuj ''kh'y g''dgf tqemi'qt'' qwetqr ''ev'e''ngeevkqp''ku''pget''y g''uvtevki tcr j ke''re { gt''qh'kpvgtgu0'Vj ku''ugevkqp''wugu'y g''grgxcvkqp''qh'' y g''repf ''uwtheeg''edqxg''y g''o cr r gf ''gngxcvkqpu''qh''y g''Wr r gt 'Htggr qtv'Eqen'ev'repf urkf g''ngeevkqpu'' *'P qty gtp''epf ''Egpvterl'Cr r creej kep''Dcukp''Eqen'T gi kqpu'Cuuguuo gpv'Vgeo .''4223+'vq''gxenvey'' uvteve''r tqpg''q''repf urkf kpi ''*Hki wtg'60604+0

Y j gp"y g"f kuxtkdwkqpu"qh"ncpf "uwthceg"grgxcvkqpu"cdqxg"y g"WHT "eqcn"ctg"eqo r ctgf "y kj "tgi kqpcn" uxtcvki tcr j kgu. "y g"tgncvkxg"qeewttgpeg"qh"ncpf urkf gu"pgct"f khgtgpv"tqeninc {gtu"kp"y g"uwf { "ctgc" go gti gu0'Ur gekhecm{."c"f ki kcn"grgxcvkqp"o qf gn"f gtkxgf "htqo "y g"WHT "eqcn"eqpvqvt"*P qty gtp" cpf "Egpvtcn'Cr r cncej kcp"Dcukp"Eqcn'T gi kqpu'Cuuguuo gpv"Vgco.."4223+'y cu'f khgtgpegf "y kj "y g" uwthceg"F GO "*I guej "gv"cn0"4224+"cv"cm"mecvkqpu"cdqxg"y g"eqcndgf "kp"y g"uwf { "ctgc0



Hi wt g'666080Ut wewten'o er u''e+'Kuqr eg ''epf ''d+''ut wewten'o er u''qh''y g''Rkwudwti j 'Tgf dgf u'' *f ki kkţ gf 'htqo ''Y kpvgtu.''3; 94+0

Vj gtg"ctg"ugxgtcn'r gcmu'kp"ncpf urkf gu"cv'ur gekhe "grgxcvkqpu"cdqxg"vj g"WHT "eqcn*¢35.222"hv."¢922" hv."cpf "¢"722"hv"vuj qy p"kp"Hki vtg"6060400"Vj g"r gcmicv'722"hv"cdqxg"vj g"WHT "Eqcndgf "ku'tqwi j n{ " 422"hggv'cdqxg"vj g"grgxcvkqp"qh'vj g"Rkwudwti j "Tgf "Dgf u"*cpf "Co gu"Nko guvqpg+"tgrcvkxg"vq"vj g" WHT0J qy gxgt. 'vj ku'ku'c'y kf g"r gcmi'j cv'uvtgvej gu"cetquu'o wnkr rg"uvtcvc0Vj g"nqy gt"uj qwrf gt "qh'vj g" r gcmiku"nqecvgf 'tqwi j n{ "cv'vj g"grgxcvkqp"qh'vj g"Rkwudwti j "Tgf "Dgf 0"Vj g"vr r gt"uj qwrf gt"ku"cv'¢822" hggv'cdqxg"vj g"WHT."uq"vj g"r gcmi'ur cp"qvj gt"uvtcvc"kpenvf kpi "vj g"Uej gprg{ "Tgf "Dgf u."vj g" Y grngtudwti "Tgf "Dgf u."cpf "vj g"Erctmudwti "Tgf "Dgf u"*Hki vtg"60604+0"Vj g"egpvgt"qh'vj g"r gcmi'hpgu" wr "y kj "vj g"grgxcvkqp"qh'vj g"O qti cpvqy p"Ucpf uvqpg"cdqxg"vj g"WHT "eqcndgf 0"Vj ku"cpcn{ uku" uwi i guvu'vj cv'ncpf urkf gu'kp"ctgcu'pgct"Rkwudwti j "qeewt"qxgt"o wnkr rg"uvtcvki tcr j ke"rc{ gtu"cpf "pqv"

Vj g'ugeqpf 'r gcm'cv'ctqwpf '922'hggv'cdqxg'vj g'WHT ''eqcn'ku''pqv'cv'vj g''gngxcvkqp''qh'cp{ '' uvtcvki tcr j ke''nc{gt''eqo o qpn{ ''cuuqekcvgf 'y kj ''tgi kqpcn'ncpf urkf kpi ''*kv'nkgu''cv'vj g''tqwi j ''gngxcvkqpu'' qh'vj g''Ugy kenng{ 'Eqcn'cpf 'Hkuj r qv'Nko guvqpg+0'Cff kkkqpcn'cvvgpvkqp''vq'vj ku'r qtvkqp''qh'vj g'' uvtcvki tcr j ke''eqnvo p''eqwrf ''r tqxkf g''pgy ''kpuki j w''qp''ncpf urkf g''r tqpg''uvtcvc0'Cff kkkqpcm{ .''vj g''922/'' hqqv'r gcm'ku''pgct ''yj g''tgncvkxg''gngxcvkqp''qh'vj g''RI J ''eqcn0'Vj g''j ki j ''htgs wgpe{ ''qh'ncpf urkf gu''cv'vj ku'' grgxcvkqp''eqwrf ''tghrgev'c''eqo dkpcvkqp''qh'nqecn'ncpf urkf g''r tqpg''uvtcvc''cpf ''f kuwtdcpeg''q''nqecn'' j {ftqmi { ''cuuqekcvgf 'y kj ''o kpkpi ''vtki i gtkpi ''ncpf urkf gu''cdqxg''cpf ''dgmy ''eqcndgf '*ugg''ugevkqp'607'' hqt''o qtg'f gvcki'qp''o kpkpi +0



Hi wt g'666040Ncpf ukf g'eqwpwl'cv'grgxcvkqpu''cdqxg''y g'Wr r gt "Htggr qtv'Eqcn'lwz vcr qugf ''y kj " i gpgtcrk gf 'Rgppu{ rxcpkc''uvtcvki tcr j ke''eqnvo pu'*J ctr gt.''4222="Hgf qtmq''cpf ''Ungo c.''4235+0 Grgxcvkqpu''y kj ''tgrcvkxgn{''J ki j 'kpekf gpeg''qh''rcpf ukf gu''ctg''rcdgrgf ''3.''4.''cpf ''50

Vj g"ý ktf "r gcm*cv'tqwi j n("3.522"hggv'cdqxg"ý g"WHT "eqcndgf +'ku"ý g"o quv'r tqo kogpv'r gcmlko"ý g" ugv*Hki wtg'60604-00J qy gxgt. 'y gtg"ctg"pq"engct"uvtcvki tcr j ke"dgf u'y cv'eqwrf "gzr nckp" y ku'r gcm0Vj g" Y cuj kpi vqp"Nko guvqpgu"*Wr r gt "cpf "Nqy gt+"eqkpekf g"y kj "vj g"grgxcvkqpu"y j gtg"rcpf urkf gu"r gcm" *3522 hggv'cdqwi'y g'WHT 'eqcn+0Vj gug'ho guvqpgu'o c{ 'uwi i guv'c'tqng'hqt'r tghgtgpvkcnhqy ''cv'' yj gug"gngxcvkqpu'yj tqwi j "yj g"nko guvqpgu'*yj tqwi j "noctuv"hgcwutgu"qt"qvj gty kug+0"Hnqy "yj tqwi j "yj g" nko guvqpg"y qwrf "uwr r n("hqewugf "kpr wu"qh'y cvgt "vq"j kmurqr gu"kp"yj gug"grgxcvkqpuø'tcpi gu." kpetgcukpi "yjg"ej cpeg"hqt"ncpf unkf kpi OKp"cff kkkqp. "yjgtg"ctg"ugxgtcn'ujcng"wpku"kp"yjg"Fwpnctf" i tqwr "*Ecuux kmg"uj cng"cpf "Dkwo kpqwu"uj cng+"yj cv"nkg"pgct "yj g"dqwqo "uj qwrf gt "qh"yj g"r gcm"dwv" pgkj gt"ctg"wpwuwcm{ "y kempqt"ctg"y g{ "cuuqekcvgf "y kj "ncpf urkf kpi "kp"Y cuj kpi vqp"cpf "I tggpg" Eqwpvkgu0Rqo gtq{"*3; : 8+'uwi i guvu'yi cv'o cp{"qh'yi g"rcpf urkf gu'kp"yi ku'tgi kqp"qeewt "cv'qt"lwuv" dgrqy "ucpf luku/unqpgu"kp"eqpycev'y kj "y gcngt "rkj qrqi { "*g0 0"o wf unqpg"qt "ukuunqpgu+0"kp"eqpytcuv" vq"y g"uvtovki tor j {"kp"opf "otqwpf "Ongi j gp{ "Eqwpv{."kpf kxkf won"nky qnqi kgu"kp"y g"F wpnotf "I tqwr" ctg'tctgn{ 'tcegcdrg'hqt'o qtg'y cp'c'eqwr rg'o krgu'*Rqo gtq{.'3; : 8+0Vj ku'j gygtqi gpgkv{ 'o crrgu' crrnlecvlqp"qh'yjku"crrtqcej "fkhhlewnv"kp"ctgcu"wpfgtnckp"d{"tqemu"kp"yjg"Fwpnnctf"Itqwr0Jqygxgt." y ku'i gqnqi { "ku'engctn{ "r ct vke wrctn{ "ko r qt vcpv'vq"t gi kqpcn'rcpf unkf g"ce vkx kv{ "cpf "o qt g"f gvc krgf " gzco kpcvkqp"qh"yj ku"ugevkqp"o c{"{kgnf "pgy "kpuki j vu"tgi ctf kpi "kvu"cuuqekcvkqp"y kyj "ncpf urkf gu0

Vj ku'cr r tqcej 'j cu'ko r qtxcpv'ho kcxkqpu0O quv'ko r qtxcpvi{. 'ý g''WHT "eqcndgf "qpn{ 'wpf gtrkgu'r ctwi' qh'ý g'uwf { "ctgc"*g0 0"ý g''Mkxcppkpi "eqcndgf u'y qwf "dg'dgwgt."dwi'ý qug'f cx "ctg"pqv'eqo r krgf " kpvq'f ki kcn1 KU'f cx0+O qtgqxgt. 'kv'tgrkgu'qp"cuuwo r vkqpu"qh'tgrxkxgn{ 'uko krct 'ý lempguu"qh'ý g'' hqto cvkqpu'cetquu'ý g'tgi kqp0Cu'o gpvkqpgf 'kp'ý g'r tgxkqwu'r ctci tcr j . 'ý ku'cuuwo r vkqp'reti gn{ " f qgu'pqv'j qnf 'hqt'uxtcx'kp'ý g'F wpnctf 'I tqwr 0'Hlpcm{ .'uxtlev'eqwpu"qh'ncpf urkf gu'cv'gcej 'mecvkqp'' ecp'dg'f gegkxlpi 'kh'ý gtg'ctg'f khigtgpegu'kp'ý g'vqxn'ctgc"qh'qwetqr u'% j cv'ku.'kh'ncpf urkf kpi 'ku'' gs wcm{ 'f kuxtkdwgf "cetquu'ý g'ncpf uecr g."ctgcu'y ký "o qtg''qwetqr u'y knij cxg'o qtg'repf urkf gu+0'Ki' c'hhnghj qqf "cpcn{ uku'ku'f guktgf **{0}0"ceeqwpvkpi 'hqt'xctkcvkqpu'kp''ncpf "ctgc+" y g''eqwpv'qh'' rcpf urkf gu'kp''gcej "grgxcvkqp''dkp'j cu'vq'dg'f kxkf gf "d { 'ý g''qvcn'rcpf "ctgc'cv'ý g''eqttgur qpf kpi " grgxcvkqp''dhp0'Whko cvgn{ .'c''o qtg'uqr j kuxkecvgf "cpcn{ uku'qh'y g''f cxcdcug'uj qwrf "cmy 'hwwtg'' kpuki j v/kpvq''ur gekhe'hkj qmi kgu.'r ctvkewretn{ "qxgt''o qtg''eqpuvtckpgf ''ur cvkcn'ctgcu'y j gtg''y g'' cuuwo r vkqpu''cdqw''grgxcvkqp''tg''o qtg''hkngn{ ''q''dg''tgcuqpcdrg''cpf ''ur cvc''y lempguugu'o qtg''hkngn{ '' y q''dg''eqpuvkvgpv'kp''y lempguu0

60608"I mekevkap"cpf "mpf unkf gu"kp"uqwj y guvgtp"Rgppu{ mcpke

Vj g'tgrcvkxg''rcemi'qhi'rcpf urkf gu'løp''pqtvj gtp''r qtvkqpu''qh''y g''uwvf { "ctgc"*Hki wtg'50808+'ku''cpqvj gt''crrg" cy c{ 'htqo ''yi ku'f cvcdcug0'Vj gtg''ctg''xgt{ 'hgy ''rcpf urkf gu'løp'Erctkqp. 'Dwvgt. "cpf ''Ncy tgpeg" Eqwpvkgu0'Kv'ku'f khhewn''vq''eqo r ctg''yi gug''ctgcu''y ky ''Crrgi j gp{.''Y cuj kpi vqp. "cpf ''I tggpg" Eqwpvkgu. ''cu''yi g''gzr qugf ''rkyi qrqi { ''kp''o quv'qh''yi ku'tgi kqp'ku'f ggr gt 'yi cp''yi g''Wr r gt ''Htggr qtv'Eqcr0' Y j cv'ku'r ctvkewrctn{ ''uvtknkpi 'ku''yi g''gzvtgo gn{ ''ny ''Itgs wgpe{ ''qh''rcpf urkf gu''pqtyi ''qh''yi g'' uqwj gtpo quv'dqwpf ct{ ''qh''yi g''ctgc''i rcekcvgf ''f wtkpi ''yi g''rcuv'i rcekcn'o czko wo 0'I rcekcvkqp'' tguwngf 'kp''i gpvrg'urqr gu''y kji ''o qtg''ucpf ''eqpvgpv'tgrcvkxg''q''yi g''uqwj y guvgtp''eqtpgt ''qh''yi g'' ctgc'*Hki wtg''60605+0'Vj gug''eqpf kkqpu''ctg''rguu''rcxqtcdrg''hqt''rcpf urkf gu''cpf ''yi cv'ku''tghrgevgf ''kp''yi g'' r cvvgtpu''qh''rcpf urkf gu''qdugtxgf ''cetquu''yi g''uwvf { ''ctgc''*Hki wtg'50805+0



Hi wt g'606050Kor cev'qh'i mekevkqp'kp''yi g''uwf { "ctgc0'c+''urqr g''kp''f gi tgg='d+''cxgtci g''ucpf "eqpvgpv'' * +0'Dnwg''hpg''uj qy u''yi g''o quv'tgegpv'i meken'gzvgpv'kp''uwf { "ctgc0

607" Kohnvgpeg"qh"eqcn"o kokpi "qp"yj g"qeewttgpeg"qh"ncpf utkf gu

60708" Dcemi tqwpf "qp"eqcn'o kpkpi

Vj ku'ugevkqp''gzco kpgu''y g''qeewttgpeg''qh'ncpf utkf gu'y ky kp''uwthcegu''y cv'j cxg''dggp''cngtgf ''d{ " j wo cp''cevkxkv{.''kp''r ctvkewrct''eqcn'o kpkpi 0J wo cp/'cngtgf ''unqr gu'kpenvf g''ekxkri'eqputvevkqp'' *tqcf u+.''r tqr gtv{ ''f gxgnqr o gpv.''wkrkkgu.''cpf ''o kpgtcn''gzvtcevkqp0'Vj g''r tko ct{ ''hqto ''qh'o kpgtcn'' gzvtcevkqp''y ky kp''y g''uwrf { ''ctgc''ku''eqcn'o kpkpi ''d{ ''dqy ''uwthceg''cpf ''wpf gti tqwpf ''o gy qf u'' *f qewo gpvgf ''dgnqy +0'Vj g''hqmqy kpi ''ugevkqpu''gzco kpg''eqpf kkqpu'y j gtg''kv'ku'hngn{ ''y cv'r cuv'eqcn'' o kpkpi ''kphwgpegf ''rcpf urkf g''qeewttgpeg0'Uqo g''qh''y gug''kphwgpegu''kpenvf g''dkwo kpqwu''eqcn'' o kpkpi ''tgpf u.''f kuvcpeg''q''o kpkpi ''qt''qxgtdwtf gp.''cpf ''o kpkpi ''v{ r g0

6070808" Dkwo kpqwu'eqcn'o kpkpi 'ttgpf u

Cm'wy gnxg'eqwpvlgu'lwp'y g'uwwf { "ctgc'j cxg'j cf "c'mpi 'j kuvqt { "qh'eqcn'gzvtcevlqp"cpf 'j cxg" uki pl/hlecpv'tgugtxgu'qh'dkwo kpqwu'eqcn'*Hki wtg'60708+0Hqt"gzco rng. "wpf gti tqwpf "eqcn'o kpkpi " cmpi "ý g'umr gu'qh'O qwpv'Y cuj kpi vqp'y cu'tgr qtvgf "kp"ý g'rcvg'3: ý "egpwt {0Cu'uj qy p"kp"Hki wtg" 60704. 'd{ ''3; : 5. ''Rgppu{ mcpkc''dkwo kpqwu''eqcn'r tqf wevkqp''kpetgcugf ''q"qxgt'87''o kmkqp''uj qtv''qpu" *Gpgti { ''Kphto cvkqp'Cf o kpkmtcvkqp''cuuguuo gpv'qh'y g'O kpg''Uchgv{ ''cpf ''J gcnj ''Cf o kpkmtcvkqp&u" f cvcdcug+0'Vj ku'y cu''ceeqo r nkuj gf ''yj tqwi j ''cm quv'gs wcn'co qwpwu''qh'uwthceg'*5208''o kmkqp''qpu+" cpf 'wpf gti tqwpf '*5607''o kmkqp''qpu+''o kpkpi ''o gyi qf u0'Kp''4244. ''yj g''cmv''{ gct'y j gtg''cppwcn'' r tqf wevkqp''tcvgu''ctg'tgr qtvgf. ''uwthceg''o kpkpi ''ceeqwpu''hqt''qpn{ ''404''o kmkqp''qpu'y j kg'' wpf gti tqwpf 'o kpkpi ''ceeqwpu''hqt''5708''o kmkqp''qpu0'Hqt'yj g''5; ''{gctu''qh'f cvc''cxckrcdmg''htqo ''y g'' GKC IO UJ C''f cwc''%Q0''Gpgti { 'Kphto cvkqp''Cf o kpkmtcvkqp''cuuguuo gpv'qh'y g'O kpg''Uchgv{ ''cpf '' J gcnj ''Cf o kpkmtcvkqpøu''f cvcdcug+:''uwthceg''o kpkpi ''r tqf wevkqp''j cu''f tqr r gf ''q''9' ''qh'yj g''3; : 5'' vqvn0'Eqpxgtugn{ '.'wpf gti tqwpf ''o kpkpi ''j cu''kpetgcugf ''d { ''cm quv'4' O'Wpf gti tqwpf ''o kpkpi '' r tqf wevkqp''kpetgcugf ''f tco cvkecm{ ''kp''y g''3; ; 2u''nti gn{ ''f wg'\q'yj g''tcr kf ''gzr cpukqp''qhu''j y cm'' o kpkpi ''o gyi qf u0J qy gxgt.''ukpeg''3; ; . .'wpf gti tqwpf ''o kpkpi ''r tqf wevkqp''j cu''f genkpgf ''cv'cp'' cm quv'uvgcf { ''tcvg'\q''kwi'ewtgpv'xcmvg0'Cu''y km'dg''uj qy p''kp''Ugevkqp'60706. ''y gug''tgpf u'j cxg'j cf ''c'' f tco cvke'ko r cev'qp''j qy ''dkwo kpqwu''eqcn'o kpgu''ctg''ko r cevkpi ''uwthceg''eqpf kkqpu''cpf ''j gpeg.''y g'' r qygpvkcn'hqt''ncpf unf g''qeewttgpeg0

6070804" O kpkpi 'Gtc'kp'y j kej ''y g'eqcn'y cu'gz tcevgf

Vj tgg"f kukpev'o kpkpi "gtcu"gzkuv'y kj kp"vj g'uwf { "ctgc0Vj g'hktuv'ku"cuuqekcvgf "y kj "gctn{ "rgi ce{" o kokoi "cevkxkkgu."kgo"wr "vq"y g"r cuuci g"qh"Rgppu{ rxcpkcøu"3; 8: "Ncpf "cpf "Y cvgt "Eqpugtxcvkqp" cpf 'Tgerco cvkqp'Cev'cpf 'vj g'hgf gtch'Uvthceg'O kpkpi 'Eqpvtqn'cpf 'Tgerco cvkqp'Cev'qh'3; 99" *UO ETC +0'Dqy ''rcy u'j cxg'dggp''co gpf gf ''ugxgtcn'\ko gu'\q''uxtgpi y ''y gkt''kpygpf gf ''qweqo gu0'Kp'' y g'gctrkguv''{ gctu. 'dghqtg''y gug''rcy u. 'y gtg'y gtg'o koko cn'gpxktqpo gpvcn'uvcpf ctf u'vq''eqpvtqn'j qy eqcn'o kpgu'y gtg'f gxgnur gf 0Wr / f kr 'o kpkpi 'f qo kpcvgf. "etgcvkpi "cti wcdn{ 'o cp{ 'qh'y g'y qtuv' rgi ce{ "o kokoi "kuuvgu0Vj ku'ku'gur gekcm{ "gxkf gpv'kp"Crngi j gp{ "Eqwpv{ "cpf "ku'f kuewuugf "hwt y gt "kp" Ugevkqp"607040Cu'y gug'v{r gu'qh'cdqxg"f tckpci g'o kpkpi "f gr quku'y gtg"gzj cwuvgf . "f ggr gt "dgmy " ftckpci g'ui chv'cpf 'ungr g'o kpgu'f qo kpcvgf. 'gur gekcm{ 'kp'r ctvu'qh'Y cuj kpi vqp. 'Y guvo qtgrcpf. 'cpf " Hc { gwg 'E qwp vkgu0'kp 'e qp vt cuv. 'Uge vkqp '60705 ''gzr mt gu'ncpf urkf g 'kuuwgu. 'r t kqt '\q 'y g 'ko r mo gp vc vkqp '' qh'UOETC"cpf "ku'co gpf o gpu. "ecwugf "d{ "uwthceg"uvtkr "o kpgu"cpf "uwthceg"f gxgrqr o gpu."qh" wpf gti tqwpf "eqcn'o kpkpi "kp'Cto uvtqpi "Eqwpv{0Kp''yj ku'r ctv'qh'yj g''uwf { "ctgc. "yj gtg"ctg"o wnkr ng" o kpcdng"eqcndgfu"y cv'y gtg"qhygp"o kpgf "kp"wpqtf gtgf "ugs wgpegu"r qvgpvkcm{ "r tqf wekpi "o wnkr ng" j qtk qpu'hqt"eqcn'o kpkpi "cevkxkx{0Vj g"cwj qtu'dgrkgxg"vj g"ko r ngo gpvcvkqp"qh"UO ETC "cpf "ku" rcvgt"co gpf o gpvu"kp"3; ; 2"i tgcvn{"tgf wegf "vj g"r qvgpvkcn"hqt"rcpf urkf g"qeewttgpegu"*Dckp"gv"cn0" 423; +0'Vj g"vj ktf "f kuvkpev"o kokoj "gtc"ku"cuuqekcvgf "y ky "vj g"kovtqf wevkqp"cpf "gzr cpukqp"qh" nqpi y cm'o kokpi 0'Vj g'hktuv'nqpi y cm'r cpgn'y cu'f gxgnqr gf 'kp''y g''gctn{ '3; : 2u0'Vqf c{ 'kv'ku'd{ 'hct'' y g'o quv'f qo kpcpv'hqto "qh'eqcn'o kpkpi "kp'Rgppu{ nxcpkc "*Dckp"gv'cn0'423; +0



Hi wt g'6070B0C tgcn'f kuvtkdwkqp"qh'dkwo kpqwu"eqcn'tgugtxgu'y kj kp"yj g"34/eqwpv{"uwwf {"ctgc0" P qvg<'r wtr rg"? "j ki j /xqncvkrg='r kpni?" o gf kwo /xqncvkrg='cpf 'i tggp"? "nqy /xqncvkrg"dkwo kpqwu"eqcn tgugtxgu0

607060" F kuvcpeg'\q'o kpkpi "qt"qxgtdwtf gp

Vj g'f kucpeg''dgwy ggp''c''o kpgf ''eqcndgf ''cpf ''y g''uwthceg''ecp''i tgcvn{ ''gpj cpeg''y g''r qvgpvkchhqt'' ncpf urkf g''qeewttgpeg0'Y j gp''y g''qxgtdwtf gp'ku''nyy ''*nguu''y cp''322''hv+.''y g''uwthceg''ecp''dg''uwdlgevgf '' vq''kpetgcugf ''r qvgpvkchhqt''y cvgt''f kuej cti gu.''r qtvch'cpf ''j ki j y cm'kpuvcdktkkgu.''cpf ''c''j ki j gt'' r qvgpvkchhqt''uwdukf gpeg0'Vj g''Rkwudwti j ''Eqcndgf 'ku''y g''f qo kpcvg''o kpkpi ''j qtk qp'hqt''Cmgi j gp{.'' Hc{gvg.''Y guvo qtgncpf.''I tggpg.''cpf ''Y cuj kpi vqp''Eqvpvkgu.''y j gtgcu''y g''Cmgi j gp{''I tqvr ''qh'' Eqcndgf u'*yj ku'kpenvf gu'y g''Wr r gt''cpf ''Nqy gt''Htggr qtv=''Wr r gt.''O kf rg.''cpf ''Nqy gt''Mkvcppkpi = cpf 'Enctkqp''cpf 'Dtqqmxkmg+''ctg''y g'f qo kpcvg''o kpkpi 'j qtk qpu'kp''qy gt ''eqwpvkgu0F gvgto kpkpi ''y g'' qxgtdwtf gp. ''gur gekcm{ ''cdqxg''y g'Rkwudwti j ''cpf ''Wr r gt ''Htggr qtv'Eqcndgf u. ''cmqy u'hqt ''cpcn{| kpi '' ku'tgncvkxg'ko r qtvcpeg''kp''y g''r qvgpvkcn'hcpf urkf guø'qeewttgpeg0



Hi wt g'607040I tcr j 'uj qy kpi 'yj g'ej cpi gu'kp'Rgppu{nxcpkc''dkwo kpqwu'eqcn'r tqf wevkqp'htqo '3; : 5'' vq'4244'*GKC''cpcn{uku''qh'O UJ C'f cvcdcug+0

Vj g'hqmqy kpi ''ugevkqpu''kpvtqf weg''gzco r ngu''qh''y j gtg''eqcn'o kpkpi ''ecp''dg''cp''kphnvgpvkcn'ecwucn' hcevqt''hqt''ncpf urkf g''qeewttgpeg0'Vj gug''ecug''uwsf { ''gzco r ngu''ctg''d{ ''pq''o gcpu''c''eqo r ngvg''vtgcvo gpv'' cu''vq''j qy ''eqcn'o kpkpi ''ecp''kphnvgpeg''ncpf urkf g''qeewttgpeg0J qy gxgt. ''yj g{ ''ecp''r tqxkf g''vughvn'' kphqto cvkqp''cu''vq''j qy ''uqo g''qh''yj g''ko r qtvcpv'hcevqtu''ctg''o cpk/guvgf ''kp''f khigtgpv'r ctvu''qh''yj g''uwsf { '' ctgc''cpf ''kmwuvtcvg''j qy ''yj g''f cvcdcug''cr r tqcej ''ecp''enctkh{ ''cpf ''eqpuvtckpv'yj g''tqng''qh''o kpkpi ''kp'' ncpf urkf g''cevkxkv{0

60704" O kpkpi "kp" y g"uj cmqy "Rkvudwti j 'Eqcmlgf

Vj ku''gzco r ng'hqewugu''qp''uqo g''qh''y g''gctrkguv'Cmgi j gp{ 'Eqwpv{ ''wpf gti tqwpf ''eqcn'o kpkpi '' cevkxkkgu''y cv'j cxg''ko r cevgf ''ncpf urkf g''qeewttgpegu0O cp{ ''qh''y gug''o kpgu.''f gxgrqr gf ''kp''y g''hktuv'' j chl'qh''y g''42y ''Egpwt{ ''j cxg''dggp''tghgttgf ''q''cu''ingi ce{ø'o kpgu0V'y g''Rgppu{nxcpkc''Dwtgcw''qh'' O kpgu'*F gr v'qh''Kpvgtpcn'Chhcktu''qh''Rgppu{nxcpkc.''Qhhekcn'F qewo gpv'%33.''3; 22+'r tqxkf gu'' gxkf gpeg''qh'y g''gzvgpukxg''wpf gti tqwpf ''eqcn'o kpkpi ''y ky kp''Cmgi j gp{ ''Eqwpv{ 0'Kp''3; : 5.'y g''GKC'' tgr qtvgf ''Cmgi j gp{ ''Eqwpv{ ''uwthceg''cpf ''wpf gti tqwpf ''eqcn'r tqf wevkqp''cv'cr r tqzko cvgn{ ''307'' o kmkqp'\qpu0D{ ''4244.''Vj g''KGC''tgr qtvgf ''pq''uwthceg''qt''wpf gti tqwpf ''eqcn'o kpkpi ''kp''Cmgi j gp{ Eqwpv{0O quv'qh'y g'r tqf wevkqp'y cu'pqy 'htqo 'rqpi y cm'o kpgu'kp'I tggpg'cpf 'Y cuj kpi vqp'' Eqwpvkgu'y kj 'rguugt'co qwpwi'htqo 'tqqo /cpf/r kmct'o kpgu'kp'Cto uvtqpi .'Dgcxgt.'Dwrgt.'Enctkqp.'' Kpf kcpc.'Ighgtuqp.''cpf 'Ncy tgpeg.'Eqwpvkgu0

6070403"Nqech'ej ctcevgt kurkeu

Vj g"wpf gti tqwpf "o kpkpi "ecug"uwf { "qeewtu"y kj kp"yj g"I muur qtv'S wcf tcpi ng"cpf "gpeqo r cuugu" dqy "uqwj gcuvgtp"Cmgi j gp { "Eqwpv{ "cpf "c"uo cml'r qtvkqp"qh"pqty y guv"Y cuj kpi vqp"Eqwpv{ ." Rgppu{ nxcpkc0Vj g"qwetqr "qh"yj g"Rkwudwti j "Eqcndgf "cpf "ku"uvtwewtg"eqpvqwtu"y kj "tgur gev"vq" ugc"hgxgn"ctg"uj qy p"kp"Hki wtg"607050Cmq"uj qy p"ctg"yj g"czgu"qh"yj g"cpvkenkpgu"cpf "u{ penkpgu"kp"yj g" tgi kqp0Vj g"uvtcv"f kr u"kp"yj gug"ctgcu"ctg"i gpvg"*nguu"yj cp"5/f gi +"dw"ctg"uki pkhecpv"gpqwi j "vq" chigev"j qy "y cvgt"o qxgu"yj tqwi j "o kpgu016p"i gpgtcn"y j gp"y cvgt "gpvgtu"yj g"o kpg."yj tqwi j "yj g" eqcndgf "cpf "tqqh"cpf "hmqt"uvtcvc. "kv"y kmlo qxg"f qy p"f kr 016i yj gg"ctg"pq"qr gpkpi u"vq"yj g"uvthceg" *r qtvcm+"qt "kh"yj g"eqcn"dcttkgtu"dgw ggp"yj g"o kpg"cpf "yj g"eqcn"dwetqr "ctg"qh"kpuvhhekgpv" yj kempguu. "yj g"y cvgt"y kml"f kuej cti g"yj tqwi j "yj g" eqcn"dcttkgtu"ctg"uwhhekgpva{" yj kem"yj g" cvgt"y kml" r qpf "ci ckpuv'yj g"f qy p"f kr "eqcn"dcttkgt"cf lcegpv'vq"yj g"Rkwudwti j "Eqcndgf "qwetqr 0'Cmi'y gug" eqcpf kkqpu"gzkuvl%p"o kpgu"y kj kp"yj g"I muur qtv'S wcf tcpi ng0

C'xkuwcn'gzco kpcvkqp''qh'y g''mpf utkf gu'y ky kp''y g'I muur qtv'S wcftcpi ng''uggo u''q''uj qy ''uqo g'' enwuvgtkpi ''pgct''y g''qwetqr ''qh'y g''Rkwudwti j ''Eqcndgf ''*f cuj gf ''hkpg''qp''Hki wtg'60705+0'K/'y qwf ''dg'' j grr hwn''q''npqy ''kh'y ku''enwuvgtkpi ''ku''tgcn''qt ''ko ci kpgf ''cpf.''kh'kv'ku''tgcn''y j { ''kv'o ki j v'qeewt0



Hki wt g'607050Ncpf urkf g''nqecvkqpu''cpf ''pco gu''y kyi kp''y g''I ncuur qtv'S wcf tcpi ng0Cnnq''kpenvf gf ''ctg'' i tc{ ''f cuj gf ''hkpgu''f gr kevkpi ''y g''qwetqr ''cpf ''y kp''i tggp''hkpgu''y g''u twewtg''eqpvqut '*722''hv'' kpvgtxcn+''qh''y g''Rkwudwti j ''Eqcndgf 0Tgf/qtcpi g''y kenihkpgu''ctg''czgu''qh''cpvkenkpgu''cpf ''f ctmi' tggp'' nkpgu''ctg''czgu''qh''u{ penkpgu0Uqnkf ''dnvg''nkpgu''ctg''u tgco u.''y g''y kengt ''y g''hkpg''y g''i tgcvgt ''y g''u tgco '' qtf gt0

6070404" Vj g'lphwgpeg'qh'qxgtdwtf gp

Vj gtg"ctg"; 7"rcpf utkf gu"y ký kp"ý g"I rcuur qtv'S wcf tcpi rg"*Vcdrg"60708+0Ncpf utkf g"qeewttgpeg" cuuqekcvgf "y ký "ý g"Rkwudwti j "Eqcrdgf "o kpkpi "ku"ý qwi j v'vq"dg"kphrvgpegf "d{"c+"o kpg"y cvgt" f tckpci g"ucwtcvkpi "ý g"unqr gu"cpf "d+"ur qkd'cpf "qý gt"o cvgtkch'ecuvgf "htqo "ý g"o kpkpi "qr gtcvkqp" r tqf wekpi "wpuvcdrg"unqr g"eqpf kklqpu0Dqý "eqpf kklqpu"y qwf "i gpgtcm{"qeewt"dgny "ý g"uwthceg" grgxcvkqp"qh"ý g"eqcrdgf 0Kp"ý g"I rcuur qtv'S wcf tcpi rg."59"*5; ' +"qh"cm"rcpf utkf gu"qeewttgf "kp" ctgcu"y j gtg"ý g"uwthceg"ku"cv"qt"y ký kp"322"xgtvkechhggv"dgny "ý g"r tqlgevkqp"qh"ý g"Rkwudwti j " Eqcrdgf 0Ncpf utkf g"qeewttgpeg"ecp"cnq"dg"kphrvgpegf "d{"f kuwtdkpi "o kpkpi "tgrvgf"j kj j y cmu"qt" uwdukf gpeg"qh"ý g"i tqwpf "cdqxg"ý g"eqcrdgf 0Kp"ý g"I rcuur qtv'S wcf tcpi rg."43"*44' +"qh"cm" repf utkf gu"qeewttgf "y ký kp"322"xgtvkechhggv"cdqxg"ý g"Rkwudwti j "Eqcrdgf 0Cf f kpi "dqy "ý g" dgrqy "cpf "cdqxg"ecvgi qtkgu"vqi gy gt"{kgrf u"c"xcrwg"qh"7: "*83' +"qh"cm"rcpf utkf gu"y ký kp"ý g" I rcuur qtv'S wcf tcpi rg"qeewt"y ký kp"322"hv"qh"ý g"Rkwudwti j "Eqcrdgf "qwetqr 0

Vcdrg'607080Vjg"; 7"rcpf urkfgu"eqpvckpgf "y ky kp" vjg"I rcuur qt v'S wcftcpi rg"cpf "uqtvgf"d{"vjqu	.ıg"
qeewttkpi 'y ky kp'322'hv'gky gt'cdqxg'qt'dgrqy 'y g'Rkvudwti j 'Eqcrdgf0	

Fcwc'Uqwteg	Qxgt '322'hv	Wpf gt '322'hv	Y kyj kp'322'hv	Rgt egpv'qh'Vqvcn' y ky kp'322'hv	Vqwn
533	3	2	3	42	7
Cengpj gkn	2	2	2	2	4
Cf co u	2	4	4	55	8
Ekv{	2	2	2	2	3
Eqwpv{	5	9	32	:5	34
F 33	8	:	36	83	45
Pcuc	2	4	4	322	4
Rkw	2	2	2	2	3
WUI U	33	3:	4;	89	65
Vqvcn	43	59	7:	83	;7

K/uj qwf 'dg'pqvgf 'vj cv'vj g''cdqxg''cpcn{uku'y cu'hko ksgf ''cpf 'f kf ''pqv''eqpukf gt ''qvj gt ''r qvgpvkcm{ '' ko r qtvcpv'r ctco gvgtu. ''uwej ''cu''umr g''cpi ng0'K/'cmq''ncengf ''cp''cpcn{uku'cu''q''y g''qxgtcm'ctgc'' qeewr kgf ''d{ ''vj g''y ky kp ''322'hv''ecvgi qt { ''kp''eqo r ctkuqp''vq''ctgcu''qwukf g''y ku''ecvgi qt { 0'Y j krg''c'' o qtg''tki qtqwu''cpcn{uku'ku''pggf gf .''kv''ku''kpvgtguvkpi ''y cv': 5' ''qh''y g''Cngi j gp{ ''Eqwpv{.'83' ''qh''y g'' F 33.''cpf ''89' ''qh''y g''WUI U'rcpf urkf gu''y gtg''y kj kp''y g''322'hv''ecvgi qt { ''*dqrf ''xcnwgu''kp''Vcdrg'' 60708-0'C ''xkuwcn'tgr tgugpvcvkqp''qh''y g''qxgtcm'r cwgtpu''uj qy p''kp''Vcdrg''60708'ku''r tqxkf gf ''kp''Hki wtg'' 607060



Hki wt g'607060Nqecvkqp"qh'ncpf urkf gu'cpf ''y g'kpvgtxcnu'322'hv'cdqxg'*nki j v'i tggp+'cpf '322'hv'dgqyy *qtcpi g+'y g'Rkwudwti j 'Eqcndgf 0

6070405" O kpkpi "gtc"kp"y j kej "o wej "qh'ý g"I nuur qtv'S wcf tcpi ng"eqcn'y cu"gz vtcevgf 0 Kp"ý g"htuv'j ch"qh'ý g"42 y "Egpwt {."r tkqt"vq"ý g"f gxgnqr o gpv"qh'ý g"eqpvkpvqwu"o kpkpi "o cej kpgu." tqqo u'y gtg"f gxgnqr gf 'wukpi "f tkm "dncuv."cpf "o weni'r tqeguugu0Vj gug"f gxgnqr o gpv"gpvtkgu" v{r kecm{ 'j cf 'tqqo 'y kf ý u"nguu'ý cp"3: 'hv'0 Kf g0Rtqf wevkqp"r cpgni'y gtg"f tkxgp"y kj 'tgncvkxgn{" y kf g"gpvtkgu"*qhvgp"i tgcvgt"ý cp"3: 'hv+0 Kf y cu"cnnq"eqo o qp"hqt"ý gug"r tqf wevkqp"tqqo u'vq"dg" y kf gpgf "d{ "gz vtcevkpi "eqcnhtqo 'ý g"r kmctuø'tkdu0Rtqf wevkqp"r cpgnitqqo u'y gtg"gz r gevgf 'vq tgo ckp''uvcdng'hqt''c''tgncvkxgn{''uj qtv''vko g''eqo r ctgf ''vq''vj g''tqqo u''y ky kp''vj g''o ckp''gpvtkgu''ugevkqpu0' Cp''gzco r ng''qh''y ku''ku''uj qy p''kp''Ugevkqp'60704060

Cu'r tgxkqwuf "f kæwugf .'o cp{ 'rgi ce{ 'o kpgu'gpvgtgf ''j g'eqcritgugtxg'cv'ku'ny guv'grgxcvkqp'kp'' j g'j kmkf g'cpf 'o kpgf 'wr/f kr 'htqo ''j cv'nqecvkqp0'Kp''j gug'ecugu.'y cvgt'ecp''nqy 'f qy p/f kr 'cpf '' f kæj cti g''j tqwi j ''j g''o kpg'gpvtcpeg''qt''r qtvcn0'Hki wtg''60707''uj qy u''j cv'o kpgu'kp''j g'' reuur qtv'' S wcf tcpi ng''o kpgf ''wr ''q''j g''Rkwudwti j ''Eqcridgf ''qwetqr 0'Vj g''eqcridcttkgtu'kp''j gug''o kpgu''*Hki wtg'' 60707+'ctg''eqpukf gtgf ''d{ ''qf c{øu''uvcpf ctf u''q' dg''eqo r ngvgf ''kpcf gs wcy'kp''eqpvtqnkpi ''f tckpci g''q'' y g''y cvgtuj gf ''*Kppceej kqpg'gy'cn0''4236+0'Vj gug''uvc g''o kpgu''ctg''r ctvkcm{ .''qt''kp''o cp{ ''ecugu.'' qvcm{ ''cdqxg''j g''uvthceg''f tckpci g0'Vj gug''uvthceg''f tckpci g''r cwgtpu''ctg''j ki j nki j vgf ''d{ ''j g''uvtgco u'' cpf ''kxgtu''uj qy p''kp''Hki wtg''60'0'0'Kp''cf f kkqp.''y g''eqcricpf ''qxgtdwtf gp''cdqxg''y g''eqcridy cu''qhgp'' uvtkr r gf ''cmpi ''y g''qwetqr ''cpf ''y cu''gkj gt ''nghv'kp''ygreto gf ''r kngu''qt''ecuv'qxgt ''y g''o kpkpi '' dgpej 0'Vy q''uki pkhecpv'hcevqtu''kp''ncpf unkf g''qeewttgpeg''ctg''y g''y cvgt 'f tckpkpi ''htqo ''y gug''r qtwu'' ej cpi gf ''q''ecueqo o qf cvg''o gej cpk gf ''gs wkr o gpv0'Vj g''r tqf wevkqp''r cpgrluv{ ng''qh'o kpkpi '' f kæwungf ''cdqxg'y cu'tgr ncegf ''y kij ''tqqo /cpf/r kmt''rc{qwu''etgcvgf ''f wtkpi ''f gxgnr o gpv'yj cv'' eqwf ''ncyt'dg''gkj gt''r ctvkcm{ ''qt''hwm{ ''gzvtcevgf 0



Hi wtg'607070Wpf gti tqwpf ''eqcn'o kpgu'*i tc{ ''eqnqt+'kp''yj g''Rkwudwti j ''Eqcndgf ''y ky kp''yj g'' I nuur qtv'S wcf tcpi ng0'Vj g''nqcvkqp''qh'yj g''Etguegpv'P q05''O kpg''ku''j ki j nki j vgf 0

6070406" Vjg"Etguegpv"Pq05"Okpg"gzcormg

Vj g'Etguegpv'P q05'O kpg'*Hki wtg'60707+'r tqxkf gu'cp''gzco r ng'qh'ncpf urkf g''qeewttgpeg''cuuqekcvgf " y kj 'c''pi ce{'o kpg0'Vj ku'o kpg'ku'cf lcegpv'vq''c''pcttqy ''dgpej 'y j gtg''y g''Rkwudwti j ''Eqcndgf ''y cu'' nkngn{"uvtkr r gf ''r tkqt''vq''qt''f wtkpi ''y g''wpf gti tqwpf ''o kpg)u'f gxgnqr o gpv'*Hki wtg'60708c+0Vj g'' f ktgevkqp''qh'f kr ''ku'htqo ''y g''Co kx{''Cpvkenkpg'*Tgf/qtcpi g''hpg'kp''y g''wr r gt''nghv+''vq''y g'F ws wgupg'' U{ penkpg'*F ctmli tggp'hkpg''etquukpi ''y g'Etguegpv'P qG'O kpg. 'Hki wtg'60705+0Vj g''wtwewtcn' grgxcvkqpu''qh''y g''Rkwudwti j 'Eqcrdgf ''ctg''y qy p''cu'f cuj gf ''qtcpi g/tgf ''hkpg'*Hki wtg'60708+.'' uwr r qtvkpi ''y g''f kr ''cpf ''y cvgt 'hrqy ''f ktgevkqpu0Vj g''Etguegpv'P qG'O kpg''ku''cp''gzco r rg''qh''c''o kpg'' vqvcm{ ''cdqxg/f tckpci g0



Hki wt g'607080c+'Rncp'xkgy "qh'y g'Etguegpv'P qO5'O kpg"qwrkpg"uj qy kpi "y g"qwetqr "qh'y g" Rkwudwti j "Eqcrdgf."cpf 'y g'f ktgevkqp"qh'f kr "cpf 'y cvgt"hqy 0'Qy gt"o kpgu"kp'y g''Rkwudwti j " Eqcrdgf "ctg"uj qy p'kp'rki j v'i tc{='d+'y g"o kpg"o cr "hqt'y g''Etguegpv'P q05'O kpg"uj qy kpi "y g mecvkqp"qh"yi g"o kpgøu"r qt vcnu. "yi g"yy q"WUI U'o cr r gf "ncpf urkf gu. "cpf "gz co r ngu"qh"yi g"o ckp" gpvt kgu"cpf "r tqf wevkqp"r cpgnu0"Vj g"r qn(i qpu"tghngev"yi g"gz vgpv"qh"ncpf urkf gu"WUI U'56: 9"cpf " WUI U'56: ; "cu"f gr kevgf "kp"yi g"3; 9; "o cr r kpi "%F cx kgu."3; 9; +0

Vy q"WUI U'mpf utkf gu'y gtg"o cr r gf "cmpi "cpf "dgmy "ý g"qwetqr "qh'ý g"Rkvudwti j "Eqcndgf " *Hki wtg"60708d+0Vj g"o kpgøu'r qtvcni'ctg"meevgf "cmpi "ý g"Rkvudwti j "Eqcndgf "qwetqr 0Htqo "ý gtg." ý g"o kpg"gz vgpf gf 'wr /f kr .'hktuv'f gxgmr kpi "ý g"o ckp"gpvtkgu'vq"cuukuv'kp"o qxkpi "o kpgtu'cpf " o cvgtkcmi *Hki wtg"60708d+0Rtqf wevkqp"r cpgni'ctg"f gxgmr gf "qp"gký gt"ukf g"qh'ý gug"o ckp"gpvtkgu0' Cv'ý ku"o kpg."dqý "ý g"o ckp"gpvtkgu"cpf 'ý g"f gxgmr o gpv'r cpgni'ctg"qtkgpvgf 'r ctcmgn'vq'ý g"f kr "qh" ý g"eqcndgf 0Vj ku'y cu'f qpg"vq"gnko kpcvg"r qpf kpi "cv'ý g"y qtmkpi "hcegu"cpf "tgf weg'ý g"pggf 'hqt" r wo r kpi 0J qy gxgt. "ý ku"m {qwi'r tqo qvgf 'ý g"f tckpci g"qh'y cvgt."f qy p/f kr .'vqy ctf u'ý g"r qtvcmi" cpf "qwi'qh'ý g"o kpg0'Ki'ku'hngn{"yj cv'mpf utkf g"WUI U'56: 9."cpf 'r qvgpvkcm{"WUI U'56: ; .'y gtg" ko r cevgf "d{"gzeguukxg'y cvgt "f tckpci g"qpvq"ý g"umr g"ý tqwi j "ý g"r qtvcn'qt 'ý kp"eqcn'dcttkgtu"qpvq" umr gu'y j gtg"o kpkpi 'tgnvgf 'o cvgtkcnu'j cf "dggp"ecuv0

60705" O kokpi 'ko''y g'Cngi j gp{'I tqwr

Vj ku'ecug'uwf { "cuuguugu'ncpf urkf g''qeewttgpegu''cuuqekcvgf ''y kj ''y g''qwetqr ''qh'y g''Cmgi j gp{ " I tqwr 0'Vj g''Cmgi j gp{ 'I tqwr ''qh'hqto cvkqpu'ku'¢522'hv'y kent%Vcdrg''308+'cpf ''ecp'r qvgpvkcm{ " eqpvckp'o wnkr ng''o kpgcdrg''eqcn1'htqo ''y g''Wr r gt 'Htggr qtv'f qy py ctf ''y tqwi j ''Dtqqmxkrg'' Eqcrdgf u0'Vj ku''gzco r ng''ku'y qwi j v''q''dg''kpf kecvkxg''qh''ctgcu''y j gtg''o wnkr ng''o kpgcdrg''eqcrdgf u etqr ''qwi'kp''c'tgrcvkxgn{ ''pcttqy ''dcpf ''qp''y g''uwthceg0'Kp''y g''pqty gtp''r qtvkqpu'qh'y g''uwf { ''ctgc.'' uwthceg''ctgcu'y j gtg''y g'Cmgi j gp{ ''I tqwr ''etqr u''qwi''ctg''npqy p''q'f kur nc{ ''gz vgpukxg'tgo pcpvu'qh'' dqy ''wpf gti tqwpf ''cpf ''uwthceg''o kpgu0

6070508"Nqecn'ej ctcevgtkuvkeu

Cto uvtqpi 'Eqwpv{ ''eqo r tkugu''r ctwi'qh'46''Vqr qi tcr j ke''s wcf tcpi ngu'*Hki wtg''60709+''cpf 'j cu''cp''ctgc'' qh'887''us wctg''o kngu''y j gtg''uvtcwc''f kr u''unki j vn{ ''r gtr gpf kewrct ''q''y g''czku''qh''cpvkenkpgu''cpf '' u{ penkpgu0'Y ky kp''y ku''ctgc. '537''rcpf unkf gu''ctg''eqpvckpgf ''y ky kp''y g''f cwcdcug0



Hi wt g'607090Vj g'Cto uvtqpi 'Eqwpv{ 'uwvf { "ctgc"ku'ej ctcevgtk gf 'd{ "o cp{ 'mcpf uvtf gu'cpf 'c'tkej " j kvqt{ 'qh'o kpkpi 'y ky kp'y g'Cmgi j gp{ 'I tqwr 0'Vj g''o cr 'uj qy u'y g''nqecvkqpu'qh'y g''ncpf uvtf gu'' *qr gp'ektengu+.'y g''cuuqekcvgf ''qr qi tcr j ke''s wcf tcpi ngu."cpf 'uvtvewvtcn'vtgpf u'y cv'dtkpi 'y g'' Cmgi j gp{ 'I tqwr ''q'y g''uvthceg''qxgt 'c''ncti g''ctgc''qh'y g'Eqwpv{ '*cpvkenkpcn'czku''ctg''kp'tgf/qtcpi g=" u{penkpcn'czku'kp'f ctm'i tggp+0'C''uvtcvki tcr j ke''eqnvo p''f gxgnqr gf 'hqt'y g''gcuvgtp''r qtvkqp''qh''Hc{gvg'' cpf ''Y guvo qtgrcpf 'Eqwpvkgu'ku'cf cr vgf 'htqo ''Rc| | ci nkc.''Uj cwku'cpf 'Nkpf dgti '*4243+0

Vj g'Cngi j gp{'I tqwr ''etqr u'qw'y tqwi j qwi'Cto utqpi ''Eqwpv{ ''Hki wtg'6070 +0'Cm'y g'' wpf gti tqwpf ''cpf ''uwthceg''eqcn'o kpkpi ''cng''r nceg''kp''y g''Cngi j gp{ ''I tqwr øu'¢522'hv'qh''utcvc0' Y j gp''xkuvcm{ ''gzco kpkpi ''y ku'hki wtg.''c'uk cdng''r qtvkqp''qh'y g''ncpf utkf gu''qeewt ''y kj kp''y g'' Cngi j gp{ ''I tqwr 0'Vq'j gr ''gxcnwcvg''y ku'tgrcvkqpuj kr.''y g''utcvki tcr j ke''ugs wgpeg'hqwpf ''cv''y g'' uwthceg''cpf ''y g''ncpf utkf gu''eqpvckpgf ''y kj kp''y g''f cvcdcug'y gtg''qxgtrckp''cpf ''eqwpvgf 0



Hi wt g'6070 0Vj g'i tggp''eqqqt''uj qy u''y g''qecvkqp''qh'Cngi j gp{'I tqwr ''etqrrkpi ''qw''cv''y g'' uwthceg0Cnq''kpenxf gf ''ctg''y g''qecvkqpu''qh''y g'537''Cto uvtqpi ''Eqwpv{''ncpf uvtf gu''kp''y g''f cvcdcug0 Qh'ý g'537'Cto uvtqpi 'Eqwpv{ 'ncpf urkf gu.''456''qt''96' .''qeewttgf ''y ký kp''ý g'Cmgi j gp{ 'I tqwr '' *Vcdng'60704+0'Vj g'pgzv'j ki j guv'pwo dgt.''5: .''qeewttgf ''kp''ý g''wpf gtn{kpi ''Rqwuxkmg''Hqto cvkqp0'Kk' uggo u'tgcuqpcdng''vq''cuuwo g''ý cv''ý g''i tgcvgt ''qeewttgpeg''qh'ncpf urkf gu''y ký kp''ý g''Cmgi j gp{ 'I tqwr '' ctg'tgrcvgf ''vq''r tgxkqwu''kpvgpug''o kpkpi ''cevkxk{0'Cm''y g''qy gt''uvtcvki tcr j ke''ugs wgpegu''eqpvckp''qpn{ '' ý kp''eqcni'ý cv''ctg''tctgn{ ''o kpgf ''kp''y ku''ctgc0

Vcdrg'607040Hkxg'uvtcvki tcr j ke''ugs vgpegu''ctg''hqwpf ''cv''yj g''uwthceg''qh''Cto uvtqpi ''Eqwpv{0'Vj g'' f kuvtkdwwlqp''qh''rcpf urkf gu''y kj kp''yj gug''ugs vgpegu''ku''uj qy p0

Uvt c vli t c r j le 'Ugs wgpeg	P wo dgt 'qh' Ncpf unif gu
Cmgi j gp{"I tqwr	456
Dwti qqp''UU'y tqwi j 'Ew{cj qi c'I tqwr	5
Ecuugno cp"Hqto cvkqp	8
Ingpujcy 'Hqtocvkqp	56
Rqwuxkmg"Hqtocvkqp	5:
Vqwn	537

Vj g'f cvc''uqwtegu'hqt''ncpf utkf g''qeewttgpegu'kp''Cto uvtqpi ''Eqwpv{ ''ctg''nko kgf ''q''RgppF QV''F kuvtkev' 32. ''y kj '': 2. ''cpf ''y g''WUI U.'y kj ''4570'K/ku''kpvgtguvkpi ''y cv''y g''pwo dgt''qh''Cmgi j gp{ ''I tqwr '' ncpf utkf gu'htqo ''dqyj ''f cvc''uqwtegu'ku''tgcuqpcdn{ 'j ki j 0'Cmgi j gp{ ''I tqwr ''ncpf utkf gu'hqt''F kuvtkev'32'' pwo dgt''72. ''qt''85' ''qh''y g''qvcn0'Vj g''pwo dgt'hqt''WUI U'Cmgi j gp{ ''I tqwr ''ncpf utkf gu'ku''3: 6. ''qt'' 9: ' ''qh''y g''qvcn0

Vcdrg'607050Vj g"pwo dgt"qh"hcpf urkf gu"kp" 'y g"Crngi j gp{"I tqwr "d{"f cvc"uqwteg0

Fcvc'Uqwteg	VqvcriP wo dgt	P wodgt 'kp'Cngi j gp{ 'I t qwr	Rgt egpvci g'qh'Vqvcn
F 32	:2	72	85
WUI U	457	3: 6	9:
Vqvcn	537	456	96

6070504" O kpkpi "eqpf kskqpu

C 'uwduvcpvkcn'pwo dgt 'qh'Cto uvtqpi 'Eqwpv{ 'wpf gti tqwpf 'cpf 'uwthceg''eqcn'o kpgu''qr gtcvgf ''r tkqt'' q''yj g''r cuuci g''cpf 'ko r ngo gpvcvkqp''qh'yj g''3; 99''UO ETC0Cv'yj cv'vko g. 'c''o kpkpi ''eqo r cp{ 'y cu'pqv'' tgs wktgf ''q''gz vtcev''eqcn'hp''cp''gpxktqpo gpvcm{ "ceegr vcdng''o cppgt0Cu''c'tguwnv.''o cp{ ''qh'yj gug'' o kpkpi ''ukgu''ctg''kp''c''eqpf kkqp''s wkg''f khgtgpv'htqo ''y j cv'gz knvgf ''r tkqt ''q''o kpkpi 0'Vj g''unqr gu'kp'' ctgcu''y j gtg''o kpkpi ''j cu''qeewttgf ''ecp''uqo gvko gu''dgeqo g''wpuvcdng.''r tqf wekpi ''c''ncpf unkf g0'Vj gug'' o kpkpi ''ukgu''eqpukuv'qh''dqyj ''uwthceg''untkr ''qt''eqpvqwt ''o kpgu''cpf ''y g''uwthceg''qr gtcvkqpu'hqt'' wpf gti tqwpf ''o kpgu0Gzco r ngu''qh''dqyj ''nqmqy 0'Ukpeg''y g''r cuuci g''cpf 'ko r ngo gpvcvkqp''qh''UO ETC''
cpf 'ku''ıcvgt 'co gpf o gpvu.''o kpkpi 'r tqeguugu'j cxg''eqpvkpwgf 'vq''gxqıxg''cu'j cxg''y g''ghgevkxgpguu''qh'' cevkqpu'vq''r tgxgpv'gpxktqpo gpvcn'j cto 0'Vj ku'ku''ıcti gn{ 'f wg''vq''c''tqdwuv'o kpg''r gto kwkpi 'r tqeguu'' eqpvtqngf ''d{ ''y g'Eqo o qpy gcnj ''qh''Rgppu{ nxcpkcøu''F gr ctvo gpv'qh''Gpxktqpo gpvcn'Rtqvgevkqp0' Qpg''qdxkqwu''qweqo g'ku''y cv'ewttgpv'o kpkpi 'r tcevkeg''cmqy u'hqt''qpn{ ''uvcdng''unqr g''eqpf kkqpu.''uq'' rcpf urkf gu''ctg''pqv''cpvkekr cvgf 'kp''o kpgu''r gto kwgf ''ukpeg''y g''gctn{ ''4222u0

Vj g"o kpkpi "r tcevkegu"y kj kp"Cto utqpi "Eqwpv{ "ctg"wprkng"yj qug"f guetkdgf "kp"yj g"I muur qtv" S wcf tcpi rg0"Vj g"Cngi j gp{"I tqwr "eqcndgf u"f khgt" kp"yj kenpguu"cpf "revgtcn"eqpukuvgpe{0Vj g" Rkwudwti j "Eqcndgf "ku"npqy p"hqt"eqpf kkqpu"yj cv"ctg"uwtr tkukpi n{ "wpkhqto "qxgt"i tgcv"revgtcn" f kucepegu0Vj gug"Cngi j gp{"I tqwr "o kpkpi "qr gtcvkqpu"v{r kecm{ "wug"tqqo /cpf/r kmct"rc{qwu"cpf" uwthceg"eqpvqwt"o kpkpi "qxgt"o wnkr m"o kpkpi "j qtk qpu0Vj gtg"ctg"cu"o cp{"cu"gki j v'o kpcdrg" eqcndgf u "dw"vj gkt "y kenpguu"cpf "s wcrkv{ "ecp"ej cpi g"f tco cvkecm{ "qxgt"tgrcvkxgn{ 'uj qtv"j qtk qpvcn" f kucepegu0Vj ku"tguwngf "kp"o qtg"y kf gur tgcf "o kpkpi "ko r cew"yj cv"nqmy gf "yj g"gpvktg"522"hv" yj kenpguu"qh"yj g"Cngi j gp{"I tqwr 0'Vj ku"eqo r ctgu"vq"qpn{ 'uj g"uxtcw"f ktgeva{ "cdqxg"cpf "dgrqy "vj g" Rkwudwti j "Eqcndgf "%322"hv"kp"yj kenpguu+"kp"yj g"I muur qtv"S wcf 0'Qh"eqwtug. "yj gtg"ctg"gzegr vkqpu"vq" o kpgu" gug"i gpgtcn'vtgpf u0'Ngv'wu"dgi kp"d{ "gzco kpkpi "y g"tgrcvkqpuj kr "dgw ggp"wpf gti tqwpf "eqcn" o kpgu"cpf "repf ukf gu"cu"uj qy p"kp"Hki wtg"6070 0



Hi wt g'6070, 0O cr 'uj qy kpi 'yj g'f kuvtkdwkqp''qh'Cto uvtqpi 'Eqwpv{ 'hcpf uvkf gu''qxgt 'wpf gti tqwpf " eqcn'o kpgu0'Vj g''qwvkpg''qh'yj g''wpf gti tqwpf 'o kpgu'ku'uj qy p'kp''dnvg0'Vj g'f khbgtgpv'uj cf gu''qhi'i tc{ " tgr tgugpv'yj g''qxgtdwtf gp''cdqxg''yj g''Cmgi j gp{ 'I tqwr 0'Vj g''f ctngt''yj g''i tc{.''yj g''i tgcvgt''yj g'' qxgtdwtf gp'y j kej ''ecp''tcpi g''htqo ''2''*y j kg+''q''cm quv': 22'hv'*f ctm'i tc{+0

6070505" Коrcev'qh'rtg/UO ETC "eqcn'o kpkpi

Vj gtg"ctg"pq"r when{ "cxckrcdng"I KU"f cvcdcugu'ý cv'eqpvckp'kphqto cvkqp"qp"yj g"necvkqp"cpf " ej ctcevgtkuvkeu"qh'uwthceg"o kpkpi "qr gtcvkqp"kp"Cto uvtqpi "Eqwpv{0"Y j krg"yj ku"kphqto cvkqp"gzkuvu." kv'ewttgpvn{ 'tgukf gu"kp"uvcvg"cpf "eqo r cp{ "ctej kxgf "hkrgu0E wttgpvn{ .'uwthceg"eqcn'o kpgu"cpf "yj g" uwthceg"qr gtcvkqpu"qh"wpf gti tqwpf "eqcn'o kpgu"ctg"tgs wktgf "vq"dg"tgencko gf "vq"c"uvcpf ctf " kf gpvkhkgf "kp"yj g"o kpgøu"r gto k0"Vj gtghqtg."yj gug"o kpgu"j cxg"gpi kpggtgf "unqr gu"yj cv'ctg"f guki pgf " vq"tgo ckp"uvcdrg0Wphqtwpcvgn{ .'vj ku"ku"pqv'yj g"ecug"hqt"uwthceg"o kpgu"f gxgnqr gf "r tkqt "vq"yj g" ko r ngo gpvcvkqp"qh"UO TEC"cpf "ku"co gpf o gpvu0Vj gug"o kpgu"ncengf "ceegr vcdng"uwthceg"o kpg" tgenco cvkqp"r tcevkegu0Vj g"r tqdngo "y knihguugp"i qkpi "https://gf "r tqlgevu0Tgi tgwcdn{ .'vj gtg"ctg"uq" o cp{ "qh'yj gug"CO N"*Cdcpf qpgf "O kpg"Ncpf +"ukgu"yj cv'kv'y knihcng"o cp{ "f gecf gu'vq"eqo r ngvg" yj gug"tgenco cvkqp"r tqlgevu0

Kp''3; : 5. 'y g'P cvkqpcnCdcpf qpgf 'Ncpf u'Kpxgpvqt { "*P CNKF'y cu'f gxgnqr gf 0'Vj g''ewttgpv'xgtukqp" qh'y g''Rgppu { ncpkc'kpxgpvqt { 'ku'kp'c'I KU'hqto cv0'Vj g''qecvkqp''qh'CO N'ukgu'hqt''Cto uvtqpi " Eqwpv{ 'ctg''uj qy p'kp''Hki wtg''6070820'Vj g''kpxgpvqt { 'ku''pqv'eqo r ngvg''cpf 'f qgu''pqv'eqpvckp" kphqto cvkqp''qp'tg/o kpkpi ''qt''qy gt'r quv'3; : 5'f gxgnqr o gpwi'cv'y g''ukgu0'Vj g''kpxgpvqt { 'tgr tgugpwi'' c'tgcuqpcdng''cr r tqcej ''q''kf gpvkh{kpi ''ctgcu'y j gtg.''qp''enquvtg''qh''y g''o kpkpi ''ukg.'tgenco cvkqp'y cu'' pqv'ko r ngo gpvgf 0'Vj ku''cmqy u'hqt''cp''cr r tqzko cvg''eqo r ctkuqp''qh'CO N''ukgu'y kj ''ncpf utkf g'' qeewttgpegu0'Vj ku'f cvcdcug'ku''gur gekcm{ ''tgngxcpv'hqt''y g''WUI U'f cvc''uqwteg''ukpeg''cm'y gug'' ncpf utkf gu'y gtg'kf gpvkhkgf ''r tkqt''q''y g'f gxgnqr o gpv'qh'y g'CO N'kpxgpvqt {0



Hki wt g'6070B20Vj g'iki j v'i tggp''ctgcu'tgr tgugpv'CO N'uksgu'kp''Cto uvtqpi 'Eqwpv{ 'kf gpvkhkgf 'kp'' PCNK0Cnuq''uj qy p''ctg''yj g''nqecvkqpu''qh''yj g''f cvcdcug''ncpf urkf gu0

Y j gp"ý g"r qn{i qpu'hqt"ý g"P CNKCO N"ukgu'ctg"qxgtrckp"y ký "ý g"rcpf utkf g"f cvcdcug'hqt" Cto uvtqpi "Eqwpv{."c"r tgrko kpct{"cuuguuo gpv'ku"r quukdrg0Qh'ý g"537'Cto uvtqpi "Eqwpv{" rcpf urkf gu."382'*73' +"qeewttgf "y ký kp"CO N"*Vcdrg"60706+0Vj g"pwo dgt"qh"WUI U'kf gpvkhgf " rcpf urkf gu"qeewttkpi "cv'CO N"ukgu"ku'365."qt'83' 0%p"eqo r ctkuqp."qpn{"39"*43' +"qh"F kuvtkev'32" kf gpvkhgf "rcpf urkf gu"qeewttgf "y ký kp"CO N"ukgu0Vj g"j ki j "r gtegpvci g"qh"WUI U'rcpf urkf gu" qeewttkpi 'y ký kp"CO N"ukgu'r tqxkf gu"cp"kpf kecvkqp"ý cv'uwthceg"gzr tguukqpu"qh"eqcn'o kpkpi 'j cxg"c" f kur tqr qtvkqpcvgn{"j ki j "eqttgrcvkqp"y ký "rcpf urkf g"qeewttgpeg0

F c w 'Uqwt eg	P wo dgt 'qh' Ncpf uilf gu	Qeewt 'y kyj kp CON	Rgt egpvci g	
F 32	: 2	39	43	
WUI U	457	365	83	
Vqvcn	537	382	73	

Vcdrg'607060Cpcn{uku"qh"yj g"pwo dgt "qh"CO N"rcpf urkf gu"d{ "f cvc"uqwteg0

6070506" C "enqugwr "nqqm'cv'uwthceg"eqpf kkqpu'y ky kp 'CO N'ukgu

Qpg'uxtknkpi "gzco r mg'qh'y j cv'CO N'uxthceg"eqpf kkqpu"ecp"nqqnhkng"ku'uj qy p'kp"Hki wtg'6070830' Vj gtg"ctg"ygp"f khgtgpv'CO N'ukgu"eqpvckpgf 'y kj kp'yj ku'hki wtg."gcej "eqpvckpkpi "cv'ngcuv'qpg" cdcpf qpgf 'uxtkr "qt"wpf gti tqwpf 'o kpg"cpf. "kp'uqo g"ecugu."o wnkr ng'uwthceg"o kpg"dgpej gu0'Vj gtg" ctg"cnuq'ugxgtcn'gzco r ngu'y j gtg'yj g'uwthceg"qr gtcvkqp"htqo "wpf gti tqwpf "eqcn'o kpgu'j cxg" r tqf wegf "dgpej gu'pgct''yj gkt"r qtvcni0Kk'uj qwrf "dg"o gpvkqpgf 'yj cv'uqo g''qh'yj gug"CO N'uksgu'o c{" j cxg"dggp"tgegpvn('tgencko gf "qt"tg/f gxgrqr gf "cpf "o c{"pqv'dg'tghrgevgf "kp'yj ku'o cr 0



Hi wt g'6070B30Enqugwr 'nqnd'cv'\qr qi tcr j le''eqpf kkqpu'y kj 'CO N''ukgu'RC''2424. 'RC''2355. 'RC'' 2376. 'RC''239; .'RC''4; 72. 'RC254; .'RC2557. 'RC5593. 'RC5566.'cpf 'RC''87320'P qvg''y g qeewttgpeg''qh'o cp{'uvtkr 'o kpg''dgpej gu''cu'y gm'cu'y g''uvthceg''qr gtcvkqpu'hqt''wpf gti tqwpf 'eqcn'' o kpgu0'Cnuq''uj qy p''ku'yj g''Wr r gt 'Htggr qtv'qwetqr ''cpf ''wpf gti tqwpf ''eqcn'o kpgu''*Wr r gt 'Htggr qtv'? '' qtcpi g=''Nqy gt 'Htggr qtv'? '' kpm+0'Vj g''r qn{i qpu'tghrgev'yj g''gz vgpv'qh''cevkxg''qt 'tgegpvn{ ''cevkxg'' rcpf uhf lpi 'f gnkpgcvgf ''hp''yj g''3; 9; ''WUI U'f cvc'*Rqo gtq{.''3; 9; c.''3; 9; d+0

60706" Uwo o ct { "qh'eqcn'o kpkpi "kphnwgpeg

Vy q''ecug''uwf kgu''uj qy ''j qy ''eqcn'o kpkpi .''gur gekcm{ ''o kpgu''f gxgmqr gf ''r tkqt''vq''yj g''ko r ngo gpvcvkqp'' qh''UO ETC ''cpf ''ku''co gpf o gpvu. ''ecp''kphwgpeg''ncpf urkf g''qeewttgpeg''y kj kp''yj g''uwf { ''ctgc0'Vj g'' I ncuur qtv'S wcf tcpi ng''gzco r ng''ku''hqewugf ''qp''ngi ce{ ''o kpgu''kp''Cngi j gp{ ''cpf ''Y cuj kpi vqp Eqwpvkgu0'Vj g'Cto uvtqpi 'Eqwpv{ 'gzco r ng'ku'hqewugf 'qp''uwthceg''uvtkr 'o kpkpi 'cpf 'y g''uwthceg'' qr gtcvkqpu'hqt'wpf gti tqwpf 'o kpgu0'Kp''dqy 'ecugu.'r tgrko kpct { 'cpcn{ uku''uwi i guvu'yj cv'yj g'' qeewttgpeg''qh'hcpf urkf gu'ku'gngxcvgf 'kp''yj gug''ctgcu0'Vj ku'ku''pqv'o gcpv'vq''dg''c''yj qtqwi j ''cuuguuo gpv'' qh'eqcn'o kpkpi øu'kphnvgpeg''y kyj kp''yj g''uwf { ''ctgc0'Kpuvgcf.''yj gug''gzco r ngu''ctg''o gcpv'vq''kpetgcug'' f cvcdcug''wugt''cy ctgpguu''cu''vq''j qy ''eqcn'o kpkpi ''o c { ''kphnvgpeg''ncpf urkf g''qeewttgpeg''kp''f khigtgpv'' r ctvu''qh''yj g''uwf { ''ctgc0

608" Ncpf urkf g"encuukhkecvkqp" wukpi "i gqvgej pkecn'f cvc

Ncpf utkf g"encukklecvkqp"cmy u'hqt 'ý g"eqo r ctkuqpu'qh'i tqwr u'qh'uko krct "rcpf utkf gu'\q"gxcnxcvg" wpf gtn{kpi "ecwugu0]Hqt "gzco r mg. "tqenhcmu"cpf "unvo r u'kpxqnxg'\ý g'\utkf kpi "qh'f kthgtgpv'o cvgtkcnu"cv" f kthgtgpv'tcvgu. "cpf "\ý gtghqtg'pggf "\q"dg"cpcn{||gf "kp"f kuvkpev'eqpegr wxchhco gy qtmu0"Vj g"xcuv" o clqtks{ "qh'\ý g"rcpf utkf gu'kp"\ý g"f cvcdcug"ctg"pqv'encukhlgf "%kg0"qpn{ "467"%¢5" +"ctg"encukhlgf +." o cnkpi '\ý gug"eqo r ctcvkxg"cpcn{ ugu'f kthlewn\'y ky '\ý g"gzkuvkpi "f cvc0Qpg"qr vkqp"\q"cf f tguu'y ku" f cvc 'i cr 'ku'\ý g"encukhlecvkqp"qh'rcpf utkf gu'wukpi "f qewo gpvct { "kphqto cvkqp0"Kp"tgvtqur gevkxg"ecugu." encukhlecvkqp"qh'o quv'qh'\ý gug'rcpf utkf gu'nkngn{ 'tgs wktgu'kpygpug"eqpuvncvkqp"qh'i gqvgej plecn'f cvc" *kh'cxckredmg+0Vq"gzr mtg'j qy '\ý ku'encukhlecvkqp"o ki j v'r tqeggf .'y g"wgf 'i gqvgej plecn'f cvc" r tqxkf gf "d{ 'Cmgi j gp{ 'Eqwpv{ '\q"cuuguu'qwt "cdktks{ '\q"tgeqpuvt wev'encukhlecvkqp0"Vj ku'ugevkqp" gzr mtgu'j qy 'i gqvgej plecn'f cvc'y gtg'wugf 'cpf "gxcnvcvgf "cu'c"o gcpu'hqt "rcpf utkf g"encukhlecvkqp." kpenwf kpi '\y g"i gqmecvkqp"qh'j kuvqtecn'utkf gu'cu'cp"cxgpwg'\q"ceeguukpi "qi gt 'ur cvkcn'f cvc" tguqwtegu0

Hktuv.'y g"gxcnwcvgf 'ugxgtcn'encuuldhecvkqp'u{uvgo u'cpf ''r tgugpvgf 'y gug''qr vkqpu'vq'y g'y qtmkpi " i tqwr 0'Vj g"F EP T ''Ncpf urlf g'encuuldhecvkqp'u{uvgo ''d { 'F grcpq''cpf ''Y knj wugp'*4223+'*Vcdrg" 60808+'y cu''r tghgttgf ''d { ''y g''Rkw'vgco ''cpf ''y ku'f gekulqp'y cu''uwr r qtvgf ''d { ''y g''y qtmkpi '' tqwr 0'Vj g" encuuldhecvkqp''ku''dcugf ''qp''Rgppu{ nxcpkc''eqpf kkqpu''cpf ''j cu''c'tgrcvkxgn{ ''uko r ng''encuuldhecvkqp'' u { uvgo 0'C ngtpcvkxg''encuuldhecvlqp''u { uvgo u'y g''kpxguvki cvgf ''y gtg''Etwf gp''cpf ''Xctpgu'*3; ; 8+.''cpf '' J ki j ncpf ''cpf ''Dqdtqy um{ '*422: +0'Etwf gp''cpf ''Xctpgu@'encuuldhecvlqp''u { uvgo 'y cu''qq'f gvckrgf ='y g'' gzvgpulxg''f cvc''tgs wltgf ''nqt''encuuldhecvlqp''f qgu''pqv''o cvej ''y g''grgxgn'qh''kphqto cvlqp''eqo o qpn{ '' cxckrcdng0J ki j ncpf ''cpf ''Dqdtqy um{ øu''encuuldhecvlqp''u { uvgo ''y cu''cj gs wcvgn{ ''uko r ng.''dw'kx'y cu''pqv'' f gxgmqr gf ''hqt ''Rgppu{ nxcpkcøu''eqpf kkqpu0'Vj g''F EP T''u { uvgo ''y cu''y gtghqtg''wugf ''cu''c''xczqpqo { '' vq''encuuldh{ ''y g''Cngi j gp { ''Eqwpv{ ''ncpf urlf gu''dcugf ''qp''cxckrcdng''f cvc0

V{ r g'qh'O qxgo gpv		V{ r g'qhlO c vgt kc n				
		Dgf tqem	Gpi kpggtkpi "Uqkn			
			Eqctug/'i tckpgf	Hkpg∕itckpgf		
Hcm		Tqenhcm				
Unkf g	Vtcpurcvkqpcn	Tqemurkf g	Fgdtku'unkfg			
	Tqvcvkqpcn	Tqemiunwo r	Unwo r			
Hnqy	Tcr lf		F gdtku'cxcrcpej g'O wf hqy			
			Fgdtku'hnqy "	Gctyj hrqy		
	Unqy	Tqemletggr	Vcnwu"etggr	Uqkn'et ggr		

Vcdrg'608060FEPT'Ncpf urkf g'Ercuukhkeckqp'U{uvgo '*trqo 'Fgrcpq''cpf 'Y kuj wugp.'4223+0

Vq'kmwutcvg''y g'r tqeguu''qh''rcpf urkf g'ercuukhkecvkqp'htqo 'i gqvgej pkecn'tgr qtvkpi ''cpf ''q'j grr 'i wkf g'' hwwtg"encuukhecvkqp"ghqtvu. 'ugxgtch'gzco r ngu"ctg"f guetkdgf "dcugf "qp"vj g"vgej plechtgrqtvu'htqo " Creating grant Creating Creating and the second sec r kewtgu'kpf keckpi ''y g''v r g''qh'o cygtkch'r tgugpv'cpf 'tcyg''qh'o qxgo gpv'*Hki wtg'60804+''cmpi ''y ky '' uwr r qt kpi "f guetkr wqpu'htqo "i gqr j { ukecn'tgr qt vu'*F øCr r qrqpkc''Gpi kpggt kpi .''423: c+'y gtg'wugf " vq"encuukh{"vjg"ncpfurkfg0Ceeqtfkpi"vq"vjg'Gxgtitggp"Tqcf"HkpcnTgrqtv."vjg"urkfg"jcf"c"õpgct/ xgtvkech'uectr ö''cv'y g'wr r gt''ko ky 'y ky ''õkt gi wrct''o qwpf u''qh''uqkri'tqeni'cpf 'f gdt kuö''tgo ckpkpi ''qp'' y g'um r g'dgmy 'y g'uectr '*F øCr r qmpkc'Gpi kpggtkpi . '423: c+OCf f kkapcm{. 'y g'tgr qtv'tgxgcngf " y cv'y g'hm'j cf "c'\$j gygtqi gpgqwu'o kzwtg"qh'uqkn "tqemu. "dqwrf gtu"cpf "eqput weykqp"f gdtkuö" *F ¢Crrqmpkc'Gpi kpggtkpi. '423: c+0Vj ku'kphqto cvkqp''eqphto gf ''vj cv''vj g''unkf g''o cvgtkch'*Hki wtg'' 60804+"ku"eqctug"cpf "wpeqpuqrkf cvgf 0'O qtgqxgt."Hi wtg"60804"*e+"uj qy u"c"tcr kf "uqkn"o qxgo gpv"qh" y g'uqkilp"f kætgyg"m { gtu"cu"kpf kecygf "d { "y g"f kur megf "f gdtku"qxgt "y g"kpycev"my gt "dgf tqen0" Vj gug'r kewstgu'cpf 'tgr qtv'f guetkr vkqpu. 'vcngp'vqi gyj gt. 'r tqxkf gf 'gxkf gpeg'qh'c'f gdtku'urkf g. 'y j kej " ceeqtf kpi "vq"FEPT"ku'õvj g'tcr kf 'unkf kpi "o qxgo gpv'qh'wpeqpuqnkf cvgf "eqctug"uqkrikp'y j kej "vj g" o cvgtkcn'urlf gu''cu''qpg''qh''o qtg''f kuetgvg''wpkuö''*F grcpq''cpf "Y kuj wugp. "4223-0Kp''y ku''ecug. "y g" eqo dkpcvkqp"qh'r kewstgu'cpf 'i gqvgej pkechtgr qtvkpi "cmqy gf 'hqt"encuukhkecvkqp"wukpi 'vj g'FEPT" u{uvgo 0



Hi wt g'6080B0O cr "qh'ncpf utkf g"gzco r ngu'y j gtg"i gqvgej plecn'f cvc 'y gtg"wugf 0Qwwlpg"qh" Cngi j gp{ 'Eqwpv{ "cpf "nqecvlqpu"qh'ncpf utkf gu'tghgtgpegf "kp"vj ku'ugevlqp"ctg"uj qy p0



*e+"

*f+

Hi wt g'608040Rkewtgu'qh''y g'Gxgti tggp''tqcf ''utkf gu'*ftqo ''*F ¢Crr qmpkc''Gpi kpggtkpi .''423: c+0' Rcpgt'c+''wr r gt''ko kv'qh''y g''rcpf utkf g''cv'Gxgti tggp'Tqcf ''htqo ''Tkeqøu''Rctnkpi ''Nqv'// ''mqnkpi ''y guv= d+''rcpf utkf g''f gdtku''qp''umr g''cv'Gxgti tggp'Tqcf ''// ''mqnkpi ''uqwj =''e+''Ncpf utkf g''f gdtku''qp'' Gxgti tggp'Tqcf ''6''mqnkpi ''y guv=''cpf ''f +''engctkpi ''qh''rcpf utkf g''f gdtku'htqo ''Gxgti tggp'Tqcf ''/ mqnkpi ''y guv*F ¢Crr qmpkc''Gpi kpggtkpi .''423: c+0

Kp''uqo g''ecugu. ''y gtg''y gtg''pq''r kewstgu''kp''y g'Eqwpv{ øu'i gqvgej pkech'tgr qtvu. ''uq''y g''wktk gf ''y g'' Cngi j gp{ 'Eqwpv{ 'Ncpf utkf g'Rqtvch'*CENR+''q''ceeguu'ko ci gt{ ''d{ ''etquu/ej genkpi ''nqecvkqp''f cvc0' *P qvg. ''ko ksgf ''r kewstgu''qh'y g''ncpf utkf g''kp''y g''tgr qtvu'o c{ ''tguwn/'htqo ''ncpf utkf gu''dgkpi ''engcpgf ''wr '' tcr kf n{ ''q''cmqy ''tqcf ''wug''cpf ''y g'i gqvgej pkech'vgco ''f guki pkpi ''tgr cktu''dgkpi ''gpi ci gf ''chvgt''y ku'' engcp''wr 0+''Vq''o cvej ''y g''ncpf utkf gu. 'uej go cvkeu'kp''y g''tgr qtvu'y gtg''wugf ''q''f ki kkk g''cpf ''i gqmqecvg'' y g''hqqvt tkpu''qh''cml'Cmgi j gp{ 'Eqwpv{ ''ncpf utkf gu'y ky ''uvhhkekgpv'f cvc0I gqmqecvgf ''utkf gu'y gtg'' y gp''wugf ''q''hkpf ''y g''utkf g''kp''y g''CENR0/Qpeg''y g''utkf g'y cu''o cvej gf . ''y ku''cmqy gf ''hqt''ceeguu''q'' y g''r kewstgu''qp''y g''CENR'hqt''encuukhecvkqp''*Hki wtg'60805+0



Hi wt g'608050Gzcor m''qh'hepfutkf g'koci g'htqo''C mgi j gp{'Eqwpv{''Nepfutkf g''Rqtvenhqt''Grktedgyj'' Tf''Nevgten'Uwrrqtv'hepfutkf g0

J qy gxgt. "kp"uqo g"ecugu. 'y g"CENR'r kewtgu'y gtg"uxknikpuxhkekgpv'\q"f gygto kpg"y g"hvmlueqr g"qh" y g"rcpf urkf g"cpf "cmqy "ercuukhkeckqp0J gpeg. "uko krct '\q"y g"Gxgti tggp"Tqcf "Ncpf urkf g." cf f kkqpcnikphqto cvkqp"htqo "i gqr j { ukecn'tgr qt vu'y gtg"vugf '\q"ercuukh{ "rcpf urkf gu"*Hki 060805+0'Hqt" gzco r ng. 'y g"tgr qtv'hqt 'y g'Grk cdgy "Utggv'urkf g"ucvgf "õcp"cr r tqzko cvgn{": 2/"\q"322/hqqv" ugevkqp"qh'y g"gcuvgtp"tqcf y c{"go dcpno gpv'hckrgf 'uwf f gpn{"r tkqt '\q"Hgdtwct{"38."423: .'tguvnkpi " kp"cp"cr r tqzko cvgn{"5/hqqvj ki j ."pgct"xgtvkecn'uectr 'y cv"gpetqcej gf "qp"y g"pqty dqwpf '\tcxgn' npgö"%F øCr r qmpkc'Gpi kpggtkpi .'423: d+0O qtgqxgt. 'y g"etquu/ugevkqp"qh'y g"rcpf ukf g"kp'y g" qpnkpg'ko ci gt{.'y gtg"wugf '\q"ercuukh{"y g"Grkt cdgy "Tqcf 'rcpf urkf g"cu"c"unvo r "%QQ0"Vcdng'6808+0



Hi wt g'608060Etquu'Ugevkqp''qh'ncpf urkf g''cv'Grkţ cdgyj 'Tqcf 'Ncvgtcn'Uwr r qtv'*F øCr r qrqpkc'' Gpi kpggtkpi .''423: e+0

Vj g'uj cr g''qh''y g''urkf g''cpf ''uqkif gr yj ''f cvc''y gt g''cnıq''wugf ''yq'j grr ''encuulkh{ ''uqo g''urkf gu0Hqt'' gzco r ng. ''kp''y g''Rksecktp'Tf 0Ncpf urkf g.''y g''ncti g.''ugo k/ektewnct''hqqvr tkpv'qh'y g''urkf g''uj qy p''kp''y g eqpuxt weykqp"r mpu"*Hki wtg"60807+."cmpi 'y kj 'j g'f ggr 'uqkn'nc { gt 'cpf 'j qo qi gpqwu'o cvgtkcn'uj qy p" kp''y g''dqtkpi ''mi ''f cvc''y gtg''wugf ''q''encuukh{ ''y ku''urkf g''cu''c''unvo r 0Ceeqtf kpi ''y 'y g''F EP T '' encuukhkecvkqp''u{uvgo ."õHqto cvkqp''qh''c''ugo kektewret''urkr ''uwtheg''ku''v{ r kecm{ ''cp''kpf kecvkqp''y cv'y g'' o cvgtkcn'ku''pqv'eqo r qugf ''qh''rc { gtu''j cxkpi ''f khigtgpv''uvtgpi y u.ö''cpf ''oCtvkhkekcm{ ''r megf ''o cvgtkcn'' uwej ''cu'hkn'cpf ''o kpg''y cuvg''v{ r kecm{ ''hckd'd{ ''unvo r kpi ö''*F grepq''cpf ''Y knj wugp.''4223+0



Hi wt g'608070Rkecktp'Tf "hcpf urkf g'hqqvr tkpv!" Eqwpv{ "qh'Cmgi j gp{ "Rwdnke" Y qtmu. "4236+0

Vj ku'ugevkqp'f guetkdgf 'ugxgtcn'ecugu'y j gtg'i gqvgej plecn'f cvc'y gtg'wugf 'cpf ''gxcnwcvgf ''q''emulth{" f cvcdcug''ncpf urkf gu''ceeqtf kpi ''q' iy g''F EP T ''emulthlecvkqp''u{ uvgo 0J qy gxgt. 'y j krg''r quukdrg''y kj '' uwhhlelgpv'lphqto cvkqp. ''y g''lphqto cvkqp''y cu''pqv'cny c{u'tgrkcdn{"cxckrcdrg''kp''y gug'f qewo gpw0' Enculthlecvkqp''qh''ncpf urkf gu'htqo ''i gqr j {ulecn'tgr qtw'cpf ''eqputtwevkqp''r ncpu'y cu''r quukdrg''kp'9''qh'' y g''44 ''ecugu'y j gtg'i gqr j {ulecn'f cvc''y gtg''cxckrcdrg0Qh''y g''37''urkf gu'y kj qw'uwhhlelgpv'' lphqto cvkqp. ''35'j cf ''co dki wqwu''nqecvkqp'f cvc0'Vj ku''r tgxgpvgf ''y go ''htqo ''dgkpi ''kpenvf gf ''kp''y g'' f cvcdcug''ulpeg''y g{ ''eqwrf ''pqv'dg''r tgekugn{ ''nqecvgf ''cpf ''cf f kkqpcn'f cvc''eqwrf ''pqv'dg''ceeguugf 0'Vj g'' tgo ckplpi ''y q''ulo r n{ ''f kf ''pqv'j cxg''uwhhlelgpv'r kewtgu''kp''y g'' i gqr j {ulecn'tgr qtw0Kuwgu''qh'' c' ulki pkhlecpv'dcttlgt ''q''dwkrf kpi ''y g''ncpf urkf g''f cvcdcug''cpf ''y gtghqtg''qduttwewi'tgtqur gevkxg'' ncpf urkf g''enculthlecvkqp''ghtqtw0 Vj kı'r tqeguu'kmuutcvgf ''y g''ghqtv'pgeguuct { 'hqt'tgutqur gevkxg''ncpf urkf g''encuukhecvkqp0'Nqecvkqp'' f cvc''y cu''pqv'tgrkcdn{ ''r tqxkf gf ''cpf ''y gtglqtg'tgs wktgf ''uvduvcpvkcn'ghqtv'kp''gxcnwcvkpi ''cmi'cxckrcdrg'' i gqvgej pkecn'f cvc0'Hwty gt. ''uqo gvko gu''nqecvkqp''f cvc''y cu''pqv'wughwt0'Cu''y g''ncpf urkf g''f cvcdcug'' gxqnxgu. ''encuukhecvkqp''qh''ncpf urkf gu'cu''pgct''cu''r quukdrg''vq''y g''vko g''qh''qeewttgpeg'ku''uvtqpi n{ gpeqwtci gf 0'Kp''ecugu''y j gtg'ko o gf kcvg''encuukhecvkqp'ku''pqv'r quukdrg. ''r tgekug''nqecvkqp''f cvc.'' eqr kqwu''ncpf urkf g'ko ci gt { .''cpf ''eqo r ngvg''gxgpv'f guetkr vkqpu''kp''i gqr j { ukecn'tgr qtvu''y qwrf '' lpetgcug''y g''r qvgpvkcn'hqt''uweeguuhwn'tgvtqur gevkxg''encuukhecvkqp0

609'J ki j 'eqpugs wgpeg''ncpf urkf gu'kp''uqwij y guvgtp'Rgppu{ nxcpkc

Dg{qpf ''y g''uwduvcpvkcn'geqpqo ke''equv'qh'ncpf urkf kpi ''vq''y g''tgi kqp. ''kv'ku''cnq''ko r qtvcpv'vq''eqpukf gt'' y g'j wo cp''equv'qh'y gug''gxgpw0I mqcm{. 'ncpf urkf kpi ''nkmi'y qwucpf u'qh'r gqr mg'r gt''{gct'*Htqwf g'' cpf ''Rgvrg{. ''423: +0'Kv'ku''hqtwpcvg''y cv'tgegpv'ncpf urkf kpi ''kp''Rgppu{ nxcpkc''j cu''pqv'vcmgp''o wej ''qh'c'' j wo cp''vqm0J qy gxgt. ''y ku''hqtwpg''ku''uqo gvko gu''y g''tguwn/'qh'nxemi'kp'õpgct''o kuuö''ecugu0Hxty gt.'' j kuvqtkecm{.''y gtg''j cxg''dggp''i tko ''vtci gf kgu''y cv'j cxg''gzvtcevgf ''c''j wo cp''vqm0'Vj ku''ugevkqp'' f guetkdgu'c''uwdugv'qh''gki j v'ncpf urkf gu''cuuqekcvgf ''y kyj ''dqyj 'tgegpv'pgct''o kuugu''cpf ''j kuvqtkecn'' vtci gf kgu'*k0g0'hcvcnkv{.''pqp/hcvcn'kplwt{.''xgj kemg''f co ci g.''vgo r qtct{''tqcf ''emquvtg.''qt''c''pgct''o kuu+0'' O cp{''qh'y gug''ncpf urkf gu''ctg''pqv''pgeguuctkn{''ecr wtgf ''d{ ''y g''cxckrcdmg''ci gpe{''tgeqtf u.''uq''y ku'' ugevkqp''ugtxgu''cu''c''nkuv'qh''ncpf urkf gu''y cv''ctg''cv'y g''hqtghtqpv'qh'tgi kqpcn''gzr gtkgpeg.''r ctvkewretn{'' hqt''y qug''y j q''kpuwtg''y g''r wdnkeøu''j gcnj ''cpf ''uchgv{0

60903 "J ki j "eqpugs wgpeg" ncpf utkf gu
 'y kj kp 'y g'f cvcdcug

Cengpj gknøu''Rj F 'f kuugtvorkqp'*3; 76+'kf gpvkhgu'hkxg''nopf urkf gu'yj ov'ecwugf ''xgj keng''ceekf gpvu'' dgw ggp''3; 62''cpf ''3; 730'Vj gug''ceekf gpvu''ecwugf ''44''hovori'cpf '', ''pqphovorikplwtkgu''*Vcdng''60908+0' Vj g''o quv'uvtknkpi ''gxgpv''qeewttgf ''qp''F gego dgt''44.''3; 640'C ''tqem'hom'cmpi ''UT''; 52''*ewttgpvn{''UT'' 73+'kp''Crks wkr r c''nkmgf ''44''y qtngtu''toxgrkpi ''qp''c''dwu'htqo ''yj g''Iqpgu''cpf ''Nowi j nkp''uvggn'r ncpv''cv'' yj g''gpf ''qh'yj gkt''uj khv0'Qpg'y qtngt''y cu''cdng''q''gueor g''qwi'yj g''dcem'y kpf qy ''y kj ''qpn{''o kpqt'' kplwtkgu0

Vcdng'60080Ncpf urkf g"ko r cevkpi 'tqcf y c{u'htqo 'Cengpj gkn/u'Rj F 'f kuugtvcvkqp''y cv'kpenwf gf " kplwtkgu0Vj g'pwo gtkecn'xcnwgu'kp''y g"KF 'eqttgur qpf ''vq''y g''pwo dgtu''wugf ''kp''Rncvgu''3/5''qh''y g'' f kuugtvcvkqp0

Fcvg	KF	Kplwtg	Ej ctcevgtkuvle	Xqnwog." {f ⁵	Nqec vkqp	Eqo o gpv
715313;62	Cengpj gkr/84	6ph	Fgdtku''cxcrcpejg	52	Qjkq'Tkxgt" Dnxf	Xgj keng"etcuj
3414413; 64	Cengpj gkr/8:	44h="3ph	Tqenihcm	372	Y guv'gpf "qh" Codtkfig" Dtkfig	Dwu'etcuj
5B4B;65	Cengpj gkr/57	3ph	Tqemihcm	3	Dkignqy "Dnxf	Xgj keng"etcuj
313613; 68	Cengpj gkr/97	3ph	Getyj 'hnqy	PC	Encktvqp/ Grkţ cdgyj Tqcf	Tgvckpkpi 'y cm' eqmcrug
41; 13; 68	Cengpj gkn/3	3ph	Fgdtku'hnqy	PC	Oqpguugp	Xgj keng"etcuj " *: "xgj kengu" vqvcn+
3B: B; 73	Cengpj gkr/36	3ph	Tqenihcm	4	Ucy 'Okm'Twp Dnxf''B Yqqftwhh	Xgj keng''etcuj

h'ó'hcvcn'ceekf gpv

ph'ó'pqp/hcvcn'ceekf gpv

Vj g''utkf g''redgrgf 'Cengpj gkn/8: 'i gpgtcvgf '372''{f³'qh'o cvgtken'qpvq''UT''; 52'*grgxcvkqp'974'hv#'' htqo ''y g''cf leegpv'enkhi'y ky ''c''urqr g''cpi rg''qh'92'f gi tggu'*Cengpj gkn'3; 76+0'Vj g''Wr r gt''Htggr qtv'' Eqendgf 'kp''y ku''ctgc''ku''gzr gevgf ''vq''dg''cv'cp''grgxcvkqp''qh'972'hv'cpf ''y g''Co gu'Nko guvqpg''cv'cp'' grgxcvkqp''qh'3277'hv'*Hki wtg'6008+0'Vj gug''ctg''ko r qtvcpv'uvtevki ter j ke''o etngtu''cu''y g{ 'tgr tgugpv'' y g''dqwpf et{''dgw ggp''y g'Cngi j gp{''I tqwr '*Re+''y g''I rgpuj cy ''Hqto evkqp''*Rei +''cpf ''Ecuugno cp'' Hqto evkqp''*Ree+''tgur gevkgn{''*Hki wtg''6008+0'Vj gtghqtg.''repf utkf g''Cengpj gkn/8: 'ku''nqevgf ''kp''y g'' Nqy gt''q''O kf frg''I rgpuj cy ''Hqto evkqp''*Rei +0



Hi wt g'609080Uwthceg"eqpvqwt "\$4/hv"kpvgtxcn+'uj qy kpi ''yj g''uvggr ''unqr gu''cv'yj g''nqecvkqp''qh'utkf gu'' Cengtj gkr/89''cpf ''Cengpj gkr/8: 0'Cnq''uj qy p'ku''yj g''qwetqr ''qh''yj g''Wr r gt ''Htggr qtv'Eqcndgf ''\$'yj g'' f kxlsf kpi ''dqwpf ct { ''dgwy ggp''Cngi j gp{ ''I tqwr ''cpf ''yj g''qxgtn{ kpi ''I ngpuj cy ''Hqto cvkqp+''cpf ''yj g'' Co gu''Nko guvqpg''*yj g''f kxlsf kpi ''dqwpf ct { ''dgwy ggp''I ngpuj cy ''Hqto cvkqp''cpf ''yj g''qxgtn{ kpi '' Ecuugno cp''Hqto cvkqp+0

Cengpj gkrl*3; 76+'kpf kecvgf ''y cv'y ku'ugevkqp''qh'j ki j y c{.''4''o krgu''pqtyj ''cpf ''uqwyj ''qh'y g''Co dtkf i g'' Dtkf i g''j cu''dggp''r rei wgf ''y kyj ''repf urkf gu0'Htqo ''3; 54''vq''y g''qeewttgpeg''qh''urkf g''Cengpj gkr/8: ''qp'' F ge''44.''3; 64. 'hqwt ''qy gt'o clqt'tqemi'rem''ctg''tgr qtvgf ''y cv'ko r cevgf ''vtchhe''cpf ''tguwnkpi 'kp''qpg'' hcvcn'kplwt {0'Cnq. 'hqt'y g''hxg''{gctu''chygt''urkf g''Cengpj gkr/8: .''ukz ''qy gt''o clqt''tqem'' hcmlgctyj hrqy u'y gtg''kf gpvkhgf 'kp''y ku'tqcf ''ugevkqp''d{ ''Cengpj gkr/8; 76+0

"'' Cengpj gkn': 3''qp''Hgd''43.''3; 73.''y j gtg''322''{f s 'qh'f gdtku''d
nqengf ''y g''tqcf ''y q'f c{u.''pq'' kplwtkgu

- "" Cengpj gkr/: 7"qp'Icp'4; .'3; 74.'y j gtg'372"{f s qh'f gdtku'd
nqengf ''y g'tqcf 'hqt''y tgg'f c{u." pq''lplwtkgu
- [~]" Cengpj gkr: 9"qp"Ugr "33."3; 74."y j gtg"372"{f^s"qh"f gdtku"dnqengf "y q"ncpgu"hqt"34"j qwtu." pq"kplwtkgu
- "" Cengpj gkn'89"qp'Cr t''42.''3; 75.''y j gtg''347"{f $^{\rm s}$ qh'f gdtku''d
nqengf ''y g''tqcf y c{ 'hqt''5''f c{u." pq''kplwtkgu0
- $\label{eq:complexity} Cengpj gkr/88"qp"Lwi37."3; 75."y j gtg'72.222"{f s'qh'f gdtku'dmengf 'y g'tqcf y c{0}}$
- "" Cengpj gkn': : "qp"Hgd"49.'3; 76.'y j gtg'322"{f ₅ qh'f gdtku'j kv'dwu'cpf 'dmengf 'y g'tqcf 'hqt'5" fc{u

60904" 0J ki j "eqpugs wgpeg" ncpf urkf gu"cffgf" \q'\j g"KTKLG" f cvcdcug

Vj gtg"ctg"c'hgy "j ki j /eqpugs wgpeg"ncpf urkf gu"pqv"kpenwf gf "kp"cp{ "qh"vj g"uqwtegf "f cwugw0"Vj gug" ncpf urkf gu. "nqecvgf "vj tqwi j qwv"vj g"uwwf { "ctgc" *Hki wtg"60004+."ctg"pqy "kpenwf gf "kp"vj g"f cwcdcug" y kj "vj g"uqwteg"ncdgn"öRkw&"*Vcdrg"60004+0"Vj gkt "kpf kxkf wcn"ej ctcevgt kuvkeu"ctg"f kuewugf "dgrqy 0' Vj gug"ncpf urkf gu"y gtg"kf gpvkhkgf "vj tqwi j "j kuvqt kecn"f qewo gpvu. "pgy u"tgr qtvu. "cpf "eqpxgtucvkqpu" y kj "qj gt"ncpf urkf g"gzr gtvu0

Vcdrg'609040Nqecvkqp''qh''gki j v'j ki j /eqpugs wgpeg''ncpf urkf gu'ko r cevkpi ''tqcf u''y cv'ctg''ewttgpvn{" pqv'y ky kp''y g'KTKUG''f cvcdcug0

KF	Eqwpv{	Fcvg	Ncv	Nqpi	
Rkw/Yqqftwhh3	Cmgijgp{	F ge'3; : 4	620647285	/: 2@3; 244	
Rkw/Yqqftwhh4	Cmgi j gp{	39''Hgd''3;:5	620647285	/: 2@3; 244	
Rkw/Grkt cdgyj	Cmgi j gp{	: 'O ct'3; 45	62049: 8; : ;	/9;0:9725:	
Rkw/RgppVy r	Y guvo qtgrcpf	Chygt ''4222	620566594	/9; 0854923	
Rkw/Co y gmVy r	Y cuj kpi vqp	36'Lwn'4232	62024; 7: 78	/: 20435737;	
Rkw/Uo ky Vy r	Y cuj kpi vqp	3'Qev'423:	6205; 6; 92;	/: 205; : 5265	
Rkw/Xguvcdwti	Y cuj kpi vqp	39'Oc{'4233	62@34387	/9; 0; ; 4398	
Rkw/MkmlwemVy r	Cmgi j gp{	3; "Ugr v'4228	6207365679	/: 2036: 58;	



Hki wt g'609040Nqecvkqp"qh"gki j v'ncpf urkf gu"cff gf "vq"KT KUG"f cvcdcug"d{ "vj g"Wpkxgtukv{ "qh" Rkvudwti j 0

$60\!90\!40\!8''\,\mbox{Rkw}\,\mbox{Y}\,\mbox{qqftwhh}3''(\ ''\mbox{Rkw}\,\mbox{Y}\,\mbox{qqftwhh}4$

Qpg''qh'y g''o quv'pqvcdng'j ki j ''eqpugs wgpeg''ncpf utkf gu''qeewttgf ''qp''Hgd''39.''3; : 50'kp''y ku''tci ke'' ceekf gpv.''y q''r gqr ng'y gtg''ncvcm{ 'kplwtgf ''y kj ''c''y ktf ''uwhgtkpi ''ugtkqwu'kplwt { ''chgt''dgkpi ''uvtwem'' d { ''c''ncmkpi ''tqen0'Ncpf utkf g''Rkw/Y qqf twh14''j cr r gpgf ''uwf f gpn{ ''f wtkpi ''cwgo r vgf ''uvcdktk cvkqp''qh'' y g''unqr g''cmpi ''UT ''73''pgct''Y qqf twh1''Utggv'kp''Rkwudwti j 0'Vj ku''gpi kpggtkpi ''kpvgtxgpvkqp''y cu'' kpkkcvgf 'kp''tgur qpug''q''gctngt ''ncpf utkf g''*Rkw/Y qqf twh13+''cv'vj ku''uco g''ctgc''¢5''o qpvj u''dghqtg'' *Hki wtg''60905+0



Hi wt g'60060c+"Xkgy "qh'ý g"UT "73" ncpf utkf g"pgct "Y qqf twh" Utggv'chgt "ý g"3; : 5" Hgdt wct {" ncpf utkf g0P qvg'ý cv'ý g'O qti cpvqy p"Ucpf uvqpg" j ki j y cm'y cu'enqug" vq'ý g"tqcf y c{"cpf "vpf gtnckp" d{"c"y gcngt "tqem≟d+"Xkgy "qh'ý g"ewttgpv'unqr g0]P qvg<ý g"O qti cpvqy p"Ucpf uvqpg" j cu'dggp" r ctvkcm{"gzecxcvgf "cpf "pqy "hqto u"c" j ki j y cm'hwt ý gt"dcem/htqo "ý g"tqcf "uvthceg_0

Y j kg''y gtg''ctg''gki j v'icpf urkf gu'ikuvgf 'kp''y g'KT KUG'F cvcdcug''cmpi 'Y qqf twhi'Uvtggv'*Hki wtg'' 60906+.''y g'hcvch'3; : 5''gxgpvu'ctg''pqv'ecr wtgf 'kp''cp{ "qh'y g'f cvcdcugu'wugf '\q'hqto ''y ku'f cvcdcug0' Cv'y ku'inqecvkqp.''y g'Rkwudwti j 'Eqcnlgf 'ku'r tqlgevgf '\q'dg'cv'cp''gngxcvkqp''qh'3.236''q''3.246'hv0' Vj g''qr ''qh'O qti cpvqy p''Ucpf uvqpg''j cu'cp''gngxcvkqp''qh''¢: 92'hv0'Vj ku'y qwf ''{ kgrf ''c'f khfgtgpeg''qh'' ¢366'hv'dgw ggp''y g'O qpqpi cj grc/Ecuugno cp''dqwpf ctkgu''cpf ''y g'\qr ''qh'y g'O qti cpvqy p'' Ucpf uvqpg0'Vj gtghqtg.''y g''o clqtk{ ''qh'y g''urkf g''o cvgtkch'qtki kpcvgf ''kp''y g'O kf f m''Ecuugno cp'' Hqto cvkqp0



Hi wt g'609660Vqr qi tcr j le"eqpvqwt"uj qy kpi "yj g"mecvkqp"qh'yj g"Hgdtwct { "39."3; : 5"ncpf utkf g"cpf " yj g"cr r tqzko cvg"mecvkqp"qh'yj g"Rkvudwti j "Eqcndgf "cpf "O qti cpvqy p"Ucpf uvqpg"qwetqr u0

6090404" Rkw/Grlt cdgy

Qp'O ctej '8.''4245.''c''uwf f gp''o cuukxg''tqenhcml'f co ci gf ''UT'': 59''pgct''Grl4 cdgyj.''RC''*Hki wtg'' 6007+0Hqtwpcvgn{.''yj ku''gxgpv'qeewttgf ''y kj ''qpn{''o kpqt''f kut wr vkqp''vq''tchhe''cu''yj gtg''y gtg''pq'' tgr qtvgf ''ceekf gpwi''cpf ''yj g''tqcf y c{ ''y cu''emugf 'hqt''yj g''y q'f c{u'kk''vqqml'vq''tgf weg''yj g''uk g''qh''yj g'' ncti g''dqwrf gtu''cpf ''tgo qxg''yj g'f gdtku'htqo ''yj g''tqcf 0'Vj ku''gxgpv'ku''encukhgf ''cu''c''tqcf ''enquwtg''cpf '' c''pgct''o kuu''cu''kk'j cf ''yj g''r qvgpvkch'vq''j cto ''yj g''tqcf 0'Vj ku''gxgpv'ku''encukhgf ''cu''c''tqcf ''enquwtg''cpf '' gzenxukxgn{ 'htqo ''cp''qwetqr ''qh'O qti cpvqy p''Ucpf uvqpg''nqecvgf ''¢: 2'hv''cdqxg''yj g''tqcf y c{ ''*Hki wtg'' 6007d+0'Vj ku''tqenhcml'qeewttgf ''f wtkpi ''yj g''uwf { ''r gtkqf ''cpf ''yj g''RgppF QV'f kutkevau''rcpf urlf g'f cvc'' y cu''r tqxkf gf ''q''wu''r tkqt ''q''yj ku''gxgpv0'Vj gtghqtg.''yj g''tqenhcml'y qwf ''pqv'dg''tghrgevgf 'kp''ci gpe{'' f cvc''cpf ''y g''j cxg''kpenvf gf ''kv'j gtg0



Hki wt g'600070℃+"Nqecvkqp"qh'vj g'O ctej '8."4245."ncpf utkf g'*Rj qvq"htqo "Y VCG'P gy u+="d+" ncpf utkf g'o cvgtkcn'qtki kpcvgf 'htqo "cp"qwetqr "qh'O qti cpvqy p'Ucpf uvqpg"cdqxg"UT": 590

Vj g'O qti cpvqy p''Ucpf uvqpg'ku'xgt { "o cuukxg lý kemløp'ý ku'r qt vlqp''qh'ý g'O qpqpi cj grc''Xcm{." tgr qtvgf ''vq''dg''cr r tqzko cvgn{ '62'hv'ý keml*Qtudqtp.''4237+'kp'ý ku''ctgcO'Vj g''Rkvudvti j ''Eqcndgf 'ku'' guvko cvgf ''vq''dg''dgw ggp'', ; 2''vq''3.222'hv'cpf ''ý g'O qti cpvqy p''Ucpf uvqpg''dgw ggp''. 32''vq''. 82'h0' Cv'ý ku''uksg.''ý g''yqr ''qh'ý g'O qti cpvqy p''Ucpf uvqpg''ngu'¢352'hv'dgny ''y g''Rkvudvti j ''Eqcndgf '' *Hki vtg''60908+0'Vj ku'r rcegu'ý g''rcpf uvlf g''kp''ý g''o kf f rg''qh'ý g''Ecuugro cp''Hqto cvkqp''*Ree+''cpf '' y ký kp''ý g'j qtk qp''qh'ý g'O qti cpvqy p''Ucpf uvqpg0



Hi wt g'600080'Uwthceg''eqpvqwtu''uj qy kpi ''yj g''j ki j ''tgrkgh''cuuqekcvgf ''y kyi ''yj g''qwetqr ''qh''yj g'' O qti cpvqy p''Ucpf uvqpg0

6090405" Rkw/RgppVy r

C 'hcvcn'ceekf gpv'qeewttgf "qp''UT ''352''kp''Rgpp''Vqy puj kr ''cpf 'y cu''cuuqekcvgf 'y kj ''c''ncpf urkf g''y cv'' cf f gf 'y cvgt''q''y g''tqcf y c{ ''cpf ''o quv'rkngn{ ''cuuknvgf ''kp''etcenkpi ''y g''cur j cn/*#Hki wtg'6000+0'Vj g'' uvtggv''xkgy 'y kj kp''I qqi ng''O cr u''f qgu''pqv''uj qy ''cp''qwetqr ''y cv''y qwrf ''tgxgcn'y g''pcwtg''qh''y g'' nqecn'uvtcvc'*#Hki wtg'6000d+0KV'ku''y gtghqtg''cuuwo gf ''y cv''y g''ncpf urkf g''y cu''o quv'rkngn{ ''c''f gdtku'' hrqy ''cpf ''eqwrf ''j cxg''qeewttgf ''cdqxg''qt''dgrqy ''y g''tqcf y c{0



Hki wt g'60000c+"Nqecvkqp"qh'Rkw/RgppVy r "qp"UT '352"kp"Rgpp"Vqy puj kr 'htqo 'I qqi rg'Gctyj 0Vj g" vqr "qh'yj g"ko ci g"ku"qtkgpvgf "vq"yj g"pqtyj 0±d+'xkgy "qh'yj g"j kmkf g"cdqxg"yj g"rcpf utkf g"mecvkqp0

Vj g'utcvki tcr j ke''necvkqp''qh'utkf g''Rkw/RgppVy r 'y cu''f gvgto kpgf ''q''dg''¢322''hv'cdqxg''y g'' Rkwudwti j ''Eqcrdgf ''y kj kp''y g''O kf f g''q''Nqy gt''O qpqpi cj grc''I tqwr ''*Hki wtg'600 +0'Vj ku''xcnwg'' y cu''qdvckpgf ''d{ ''uwdvtcevkpi ''y g''Rkw/RgppVy r ''uwthceg''grgxcvkqp''*3.372''hv+'htqo ''y g''grgxcvkqp''qh'' y g''Rkwudwti j ''Eqcrdgf ''*3.272''hv+''necvgf ''cv'y g''dqwpf ct{ ''dgw ggp''y g''O qpqpi cj grc''I tqwr ''*Ro +'' cpf ''Ecuugm cp''Hqto cvkqpu''*Ree+0



Hi wt g'600 0Uwtheeg"eqpvqwtu'^{**}i tg{+⁺cpf 'uvtwewtg'eqpvqwtu'^{**}dnem+'qp''y g'Rkvudwti j 'Eqcndgf 'kp'' y g''ctgc''pgct''Rkv/RgppVy r 0

6090407" Rkw/Co y gm

C'hcpf urkf g''qeewttgf ''qp''Lwn{ ''36.''4232.''cmpi ''UT ''4242''cf lcegpv''vq''Vgpo krg''Etggm''¢407''o krgu'' htqo ''gzk''45''qp''K9; .''Y cuj kpi vqp''Eq0''RC''*Hki wtg'60083c+0C''xgj kerg''ectt{kpi ''qpg''r gtuqp'' hqteghwm{ ''uvt wemi'qduxt wevkqpu''kp''yj g''tqcf ''uwthceg''kplwtkpi ''ku''f tkxgt0'Vj g''xgj kerg''gpeqwpvgtgf '' õtwu.''i cr u.''qr gpkpi u.''j qrgu.''ugr ctcvkqpu.''unqr gu.''cpf lqt''etcemu''kp''yj g''tqcf ö'f wg''q''c''rcpf urkf g''yj cv'' ku''yj qwi j v''q''j cxg''dggp''ecwugf ''d{ ''yj g''gzecxcvkqp''kp''urkf g''r tqpg''uqknu'hqt ''yj g''Mgctpg{ 10 ctegmwu'' Y gmi'r cf ''ukg''dgrqy ''UT ''4242'*Hki wtg'60083d+0



Hi wt g'600030c+"Nqecvkqp"qh'y g'Lwn{ "36."4232."ncpf urkf g"cmpi "UT '4242"htqo "I qqi ng'Gcty 0 Vj g'vqr "qh'y g'ko ci g'ku"qtkgpvgf "vq"y g"pqty 0#d+"eqpf kkqp"qh'tqcf y c{"cf lcegpv'vq"y g"Mgctpg{" O ctegmvu"y gm'r cf "ukg0

Vj g'r qukkqp'qh'y g''Rkw/Co y gm'ncpf urlf g''cmpi ''UT '4242''ku'l'wuv'dgmy ''y g''dqwpf ct { ''dgw ggp''y g'' Y c{pgudwti ''*RRy +''cpf ''Y cuj kpi vqp''*Ry +''Hqto cvkqpu0'Vj g''ncpf urlf g''cr r gctu''vq''j cxg''qtki kpcvgf '' dgmy ''y g''tqcf y c{ ''cnj qwi j ''y gtg''ku''cp''ctgc''qh'tgrcvkxgn{ ''j ki j 'tgrkgh''cdqxg''y ku''ctgc''y cv'o c{ '' j cxg''eqpvtkdwgf ''vq''y ku''qeewttgpeg0'Ki'y g''ncpf urlf g''qtki kpcvgf ''dgmy ''y g''tqcf .''kv'y qwf ''dg''kp''y g'' Wr r gt ''Y c{pgudwti ''Hqto cvkqp0'J qy gxgt.''cp''ctgc''qh'r cuv'ncpf urlf kpi ''o ki j v'j cxg''qeewttgf ''cdqxg'' y g''tqcf 'y ky kp''y g''Y cuj kpi vqp''Hqto cvkqp'*Hki wtg'609084+0'Vj gtg''ctg''y q''r tgxkqwun{ 'kf gpvkhgf '' WUI U'ncpf urlf g''cdqxg''y g''tqcf ''f ktgevn{ ''uqwj gcuv'qh'Rkw/Co y gn0'Kf'ku''cnaq''kpvgtguvkpi ''q''pqvg'' y cv'y g'' gpgtcn'f kr ''qh'y g''utcvc'ku''q''y g''uqwj y guv'kpf kecvkpi ''y cvgt''eqwrf ''f kuej cti g''htqo ''utcvc'' cdqxg''y g''tqcf y c{0



Hi wt g'600640Vj g'Rkw/Co y gmlmpf utlf g'ku'y ký kp''ý g'wr r gt 'Y c{pgudwti "cpf 'my gt" Y cuj kpi vqp''Hqto cvkqpu0Vj gtg''ku''cp''ctgc''qh''tgmvkxgn{ 'j ki j 'tgnkgh'cdqxg'yj g'tqcf y c{ 'y cv'eqwf " dg'tgmvgf ''q''c''r cuv'mpf utlf g''gxgpv0/Cmq''uj qy p''ku''cp''ctgc''qh''r cuv'mpf utlf gu''r tgxkqwun{ 'kf gpvkhkgf " d{ ''y g''WUI U0Vj g''r qn{ i qp''tghrgewu''y g''nqvr tkpv'qh''WUI U/38: 7''cu''f gnkpgcvgf ''kp''y g''3; 9: " o cr r kpi ''qh'y g''Co kx{ 'S wcf tcpi mg'*Rqo gtq{.''3; 9: +0

6090408" Rkw/Uo ky Vy r

C'xgj keng'etcuj ''qp''UT''3: ''kp''Uo kj ''Vqy puj kr.'Y cuj kpi vqp''Eq0''Qevqdgt''3.''423: ''*Hki wtg''609085c+'' y cu'tgr qtvgf ''ecwugf ''d{ ''c''ncpf urkf g0'Vj g''urkf g''qeewttgf ''dgnqy ''yj g'tqcf y c{ ''tguwnkpi ''kp''wpgxgp'' r cxgo gpv.''ncti g''etcemu.''cpf ''cur j cn/'ukpnj qngu'*Hki wtg''609085d+0'C''ncti g.''cdcpf qpgf ''uwthceg''eqcn'' o kpg''ku''nqecvgf ''cdqxg''Rkw/Uo kyj Vy r 0'Ukpeg''yj g''ukg''j cu''pgxgt ''dggp'tgr cktgf.''o kpg'tgncvgf '' f tckpci g''htqo ''yj g''uwthceg''o kpg'''eqwrf ''r quukdn{ ''dg''ucwtcvkpi ''yj g''uwthceg''cmpi ''yj g''qcf y c{0



Hi wt g'600650c+'Rkw/Uo kj Vy r 'ncpf utkf g''qeewttgf ''cmpi ''UT '3: 'htqo 'I qqi mg''Gctyj 0'Vj g''vqr ''qh'' y g'ko ci g'ku''qtkgpvgf ''vq''y g''pqtyj 0#d+''wpgxgp''r cxgo gpv.''ncti g''etcemu.''cpf ''cur j cnv''ukpnj qmu0

Rkw/Uo ký Vy r 'ku'dgny 'ý g'Rkwudwti j 'Eqcndgf 'qwetqr 'cv'ý g'O qpqpi cj gm'I tqwr IEcuugno cp'' Hqto cvkqp''dqwpf ct { "*Hki wtg'609086+0Cv'ý ku''nqecvkqp.'ý g'Rkwudwti j 'Eqcndgf 'uvtkr 'o kpg''dgpej 'ku'' cv'cp''gngxcvkqp''qh'3.2: 6'hv0'Vj g''tqcf 'ku''cr r tqzko cvgn{ '7: 'hv'dgnqy ''y g''Rkwudwti j 'Eqcndgf ''r ncekpi '' y g''uvtcvc''y ký kp''y g''Wr r gt''Ecuugno cp''Hqto cvkqp''*Ree+0



Hi wt g'600660Uwtheg'eqpvqwtu'uj qy kpi 'y g'cdcpf qpgf 'uwtheg'eqcn'o kpg''cdqxg''y g'tqcf "cpf " rcpf utkf g''necvkqp''dgqy ''y g'tqcf 0Vj g''rcpf utkf g''o cvgtkch'qtki kpcvgf ''kp''y g''Wr r gt ''Ecuugro cp'' Hqto cvkqp''*Ree+0

6090409" Rkw/Xguvcdwti

Qp'O c { '39. '4233.'c'o cuulxg'hcpf urlf g'qeewttgf 'cnqpi 'UT'': : 'pgct'Xguvcdwti .'Y cuj kpi vqp'Eq0 *Hki wtg'60087c+0Rkw/Xguvcdwti ''qeewttgf ''kp'cp''ctgc''eqpvckpkpi ''cp''gzvgpulxg''eqcn'o kpg''dgpej ''cpf '' cuuqekcvgf 'j ki j y cm''cnqpi ''UT'': : 0Vj g''uvggr pguu''qh''y g''unqr g''eqpvckpkpi ''y g''dgpej ''cpf ''j ki j y cm'' y cu''qtki kpcm{ 'hqto gf ''d { ''y g'O qpqpi cj grc''Tkgt''ewwkpi ''kpvq''y g''cf lqkpkpi 'j ki j ukf g0'Y j kg''pq'' qpg'y cu'kplwtgf ''cpf ''pq''xgj keng'f co ci g'y cu'tgr qtvgf .''y g''o cuukxg''uecng''qh'y ku''rcpf urlf g'f gpqvgu'' y g'r qvgpvkcn'ecvcuvqr j ke''pcwtg''qh''y ku''gxgpv'*Hki wtg'60087d+0'Vj g''Rkwudwti j ''Eqcndgf ''ecp''dg'' uggp''cnqpi ''UT'': : ''enqug'vq''y g''Xguvc'%''O kpg''r qtvch'*Hki wtg'60087e+0



Hi wt g'600870c+'Nqecvkqp''qh''y g'O c{''39.''4233.''ncpf utkf g''crqpi ''UT'': : '*Rj qvqi tcr j 'htqo '' Uqwj y guvgtp''Rgppu{ncplc'Twtcn'Gzr mtcvkqp''y gdukg+='d+''r j qvqi tcr j ''qh''y g''o cuukg''Rkw/'' Xguvcdwti ''ncpf utkf g'*eqwt gu{ ''qh'Tq{ ''Rckpvgt+='e+''r j qvqi tcr j ''qh''y g''Rkvudwti j ''Eqcndgf '' cmpi ukf g''UT'': : ''pgct''y g''Xguvc''%''r qtvcn'*I qqi ng'O cr u+0

Vj g''nqecvkqp''qh''Rkw/Xguvcdwti 'ku''f ktgew{ 'dgmyy ''y g''qwetqr ''qh''y g''Rkwudwti j ''Eqcndgf ''Hki wtg'' 60/088c+0/Vj g'Xguvc''%7' r qtvcni'ctg'¢722'hv'htqo ''Rkw/Xguvcdwti 0/Vj ku'o kpg''qr gtcvgf 'htqo ''3; 2: ''q'' y g'o kf/3; : 2u'cpf ''cv'qpg'r qkpv'y cu''qpg''qh'y g''neti guv'eqcn'o kpgu''kp''y g'y qtnf 0/Vj g''uvtcvc''y cv'' gpeqo r cuu''Rkw/Xguvcdwti 'ku''eqo r tkugf ''qh'52'hv'qh'y g''Wr r gt ''Ecuugm cp''Hqto cvkqp''*Ree+''cpf '' ¢72'hv'qh''ny gt''O qpqpi cj gm''I tqwr ''*Ro +'*Hki wtg''60/088d+0Kp''y ku''ctgc. ''y g''Rkwudwti j ''Eqcndgf '' hqto u'c''dgpej ''r tguvo cdn{ 'tgrcvgf ''q''y g''Xguvc''%7''o kpkpi ''qr gtcvkqpu0/Vj g''j ki j y cm''cdqxg''y g'' dgpej ''j cu''cp''cxgtci g''unr g''qh''e85''f gi tggu''y j kg''y g''unr g''dgmy ''y g''dgpej ''cxgtci gu''e5; '' f gi tggu0/Vj g''f khbgtgpegu''kp''unr g''ctg''cm quv'egtvckpn{ ''hpmgf ''q''y g''tgrcvkxg''utgpi y u''qh'y g''uvtcvc0' Hqt''gzco r m.''y g''Rkwudwti j ''Eqcndgf ''cpf ''ku''tqqh''cpf ''hmqt''ctg''qhsgp''eqo r tkugf ''qh''erc{uvqpg.'' ectdqpcegqwu''uj cmu.''cpf ''y kp''eqcnu0/Vj gug''wpkwu''ctg''npqy p''q''y gcy gt''kp''qwetqr ''cv'c''o wej '' hcuvgt''tcvg''y cp''uknwqpgu.''ucpf uvqpgu.''cpf ''ho guvqpgu0'Vj g''ncti gt''dqwf gtu''uj qy p''kp''Hki wtg'' 60/0866d'y gtg'o quv'hkmqf ''f gtkxgf 'htqo ''y g''utcvc''cdqxg''y g''Rkwudwti j ''Eqcndgf ''dgpej .''k0g0''y g'' Nqy gt''O qpqpi cj gm''I tqwr '*Ro +0



Hi wt g'6006800:+"Nqecvkqp"qh"ý g"Rkv/Xguvcdwti "cpf "ku"r qukkqp"pgct"ý g"qwetqr "qh"ý g" Rkvudwti j "Eqcndgf "cpf "ý g"pgctd{ "ugcngf "Xguvc"% "O kpg"r qt vcn0Ugxgtcn'qý gt "ncpf ukf gu"htqo " ý g"WUI U'cpf "P CUC"f cvcdcugu"ctg"kp"ý g"i gpgtcn'ctgc0'd+"C "uwthceg"eqpvqwt"o cr "uj qy kpi "ý g" nqecvkqp"cpf "gngxcvkqp"qh"Rkv/Xguvcdwti . "ý g"Rkvudwti j "Eqcndgf "qwetqr . "cpf "ý g"j ki j y cm'kp"ý g" Nqy gt"O qpqpi cj grc"I tqwr "cpf "ý g"urqr g"kp"ý g"Wr r gt "Ecuugno cp"Hqto cvkqp0

609040 "Rkw/MkrdwernVy r

Qp"Ugr vgo dgt"3; .'4228.'c'icpf ukf g'3.222'hv'y kf g'cpf "gz vgpf kpi '822'hv'wr unr g'f kur neeff " dgw ggp"522.222'vq"722.22"{f 5''qh'tqenicpf 'uqkficv'c'eqo o gtekcnif gxgnr o gpv'ukg'kp'Mkrdweni' Vqy puj kr .'Crngi j gp{'Eqwpv{"*J co gn '4242+00 wej "qh'yj g'ncpf ukf g"gpf gf 'wr 'eqxgtkpi 'hqwt" ncpgu"qh'UT '87"cu'y gmicu'5"ncpgu"qh'P qthqm/Uqwj gtp"o ckp"hkpg"tcktqcf ''tcemu'*Hki wtg"60908; +0' F wtkpi "gzecxcvkqp"cpf 'i tcf kpi 'cv'yj g'eqo o gtekcnif gxgmr o gpv'ukg.'hkni'y cu'r neegf ''qxgt" wptgeqi pk gf 'eqmwxkwo 'wpvkrlkv'uwf gpn{":ecuecf gf ''f qy p''yj g''] kmlkf gø'enqukpi ''yj g''tqcf y c{ 'hqt" wq q'f c{u0!kp'Lwpg''422: .'c''cunhqteg''eqo o kukqpgf ''q''tgr qtv'qp''yj g''Mkrdweni'Vqy puj kr 'Ncpf urkf g" kpf kecvgf ''yj cv'tgo gf kcvkqp''equu''tqug''y q''o kmlqp'f qmctu''y kj ''o qpyj n{ ''o qpkqtkpi ''equv'cxgtci kpi '' &97.222 lo qpyj '*Tqkpv'Uccy'T qxgtpo gpv'Eqo o kukqp+0'Vj g''eqo o gtekcnif gxgmr o gpv'r tqlgev'' y cu''cdcpf qpgf.''cpf ''y g''ukg'j cu''dggp'tgwtpgf ''q''uqo gyj kpi ''tgugo dnkpi ''t tg/f gxgmr o gpv'r pcwtcn'' umr g''yj cv'kpenwf gu''tggu'cpf ''xgi gvcvkqp0'Ugxgp"{ gctu'ncvgt.''Vqo ''Hqpvckpg''y tqvg''cp''ctvkerg'kp''y g'' Rkwudwti j ''Vtkdwpg'*Hgd''3: .''4235+"gpvkxgf ''õMkrdweni'rcpf urkf g''ukg''uxmi'pqv'ucdkkl gf '9''{ gctu'' nvytö'kpf kecvkpi ''y cv'uqo g'umr g''o qxgo gpwi'y gtg''ukmi'qeewttkpi 0



Hi wt g'600B; 0c+"Vj g"Ugr vgo dgt"3; ."4228."Mkrdwemi'rcpf urkf g"eqxgtgf "UT '87"cpf 'r qtvkqpu"qh'yj g" P qthqm/Uqwj gtp"o ckp"hkpg"tckrtqcf 'vtcemu'ku'tgeqi pk gf "cu"qpg"qh'yj g'tgi kqpøu'rcti guv'*J co gn" 4242+="d+"yj g"tgo gf kcvkqp"ghhqtvu'vqqm'cr r tqzko cvgn{ "5"f c{u'vq"eqo r ngvg"*Vtkdwpg"r j qvq+0

Vj ku'ctgc''pqtyj ''qh'yj g'Qj kq''Tkxgt''j cu'dggp''yj g''ukg''qh''pwo gtqwu''rcpf utkf gu.''uqo g''qh'y j kej ''ctg'' encuukhkgf ''cu''-cevkxgø'd{ ''yj g''WUI U'cu''yj g{ ''ctg''npqy p''q'dg''o qxkpi .''cndgkv'cv'c''tcvg''cpf ''nqecvkqp'' yj cv'pq''nqpi gt''yj tgcvgpu''K9; '*Hki wtg''609042c+0F t0Lko ''J co gn'j cu'y tkvgp''gz vgpukxgn{ ''cdqwv'yj g'' ncpf utkf kpi ''yj cv'qeewttgf 'f wtkpi ''yj g''eqpuvt wevkqp''qh''K9; 'htqo ''yj g''O v0P gdq''gz kv''q''yj g''Qj kq'' Tkxgt''*J co gn'cpf ''Htkpv.''3; 8; +0F wtkpi ''c'tgegpv'hkgrf ''tkr ''ur qpuqtgf ''d{ ''yj g''Rkwudwti j ''I gqmi kecn'' Uqekgv{ ''*O ctej ''48.''4244+''F t0J co gn'uj qy gf ''gxkf gpeg''qh''eqpvkpwqwu''o kpqt''o qxgo gpw''cm quv'' 72''{ gctu''chgt''yj gug''unqr gu'y gtg''htuv'tgo qdktk gf ''d{ ''tqcf ''eqpuvtwevkqp''kp''yj g''ctgc0

Vj g"ctgc"pgct "Rkw/MkrdwentVy r "*MkrdwentVy r 0'rcpf urkf g+"cnrq"j cu"c"j krvqt { "qh"rcpf urkf gu0' Cengpj gkrlkf gpvkhkgf "w q"rcpf urkf gu"enqug"vq"Rkw/MkrdwentVy r "*Cengpj gkr"3; 76+0Vj g"htuv" *Cengpj gkr/83+"qeewttgf "qp"O ct "48."3; 73."pgct "y g"qrf "F kzo qpv"Uvcvg"J qur kcr0/Cr r tqzko cvgn{" 37.222"{f5"qh'o cvgtkcn'eqpvckpkpi "em{"cpf "uj crg"utkfg"fqy p"vj g"urqr g."vtki i gtgf "d{"tgo qxcn'qh'c" vqg"qh'c'r tgxkqwu'rcpf utkfg0"Vj g"ugeqpf "*Cengpj gkr/; 2+"qeewttgf "qp"Cr tkr'39."3; 76."y j gtg"422" {fs"qh'tgf "dgf u'qh"em{"cpf "uj crg"utkfg"kp"tgur qpug"vq"pgctd{"gzecxcvkqpu"*Hki wtg"609042d+0Vj g" gzcev'rqecvkqp"qh'yj ku'rcpf utkfg"eqwrf "pqv'dg"f gvgto kpgf 0



Hki wt g'6090420c+'C'j kmj cf g'o cr 'uj qy kpi ''y g''nqecvkqp''qh''MkrdwenNy r ''cpf ''qy gt ''pgctd{ 'tgegpv' repf urkf gu''cu'y gri'cu'y g''qwrkpg''qh'ctgcu'y kj ''-uqkrl(''tqern'uwuegr vkdrg''q''repf urkf kpi ø='d+'uwthceg'' eqpvqwtu''uj qy kpi ''y g''nqecvkqp''qh'y g''Co gu''Nko guvqpg''cpf ''y g''cr r tqzko cvg''ctgcn'gz vgpv''qh''Rkw''' MkrdwenNy r 0

Vj g''cr r tqzko cvg'uk g''qh'Rkw/MkndwentVy r ''cu''f guetklgf ''d { ''J co gn'*4242+'ku''uj qy p''cu''cp''gnkr ug'' y kj ''c''nqpi ''czku''qh''¢3.222''hv'cpf ''c''o kpqt''czku''qh'¢822''hv'*Hki wtg''609042d+01Kp''cf f kkqp. ''y g'' cr r tqzko cvg''gngxcvkqp''qh''y g''Co gu'Nko guvqpg'y cu''f gvgto kpgf ''cu'', 72''hv'dcugf ''qp''y g''gngxcvkqp'' qh'yj g''Wr r gt 'Htggr qtv'eqcndgf ''*¢872''hv+'cpf ''y g''cxgtci g''y kempguu''qh'y g''I ngpuj cy ''Hqto cvkqp'' *Rei +''qh'¢522''hv0'Vj g''Co gu'Nko guvqpg''tgr tgugpvu''y g''dqwpf ct { ''dgvy ggp''y g''Ecuugno cp''cpf '' I ngpuj cy ''Hqto cvkqpu0'UT''87'ku'¢442'hv'dgmy ''y ku''dqwpf ct { 0'Vj g''r qvgpvkcn'gngxcvkqp''cv''y g'' egpvgt ''qh'Rkw/MkrdwentVy r 'ku'¢: 47''hv0'Vj gtghqtg.''y g''cpf urkf g''qtki kpcvgf ''y kj kp''y g''O kf f ng'' I ngpuj cy ''Hqto cvkqp''*Rei +0

6006 "Wpls wg"ej ctcevgtkuvleu"qh"gki j v"j ki j "eqpugs wgpeg"ncpf urlf gu"ko r cevkpi "tqcf u Vj g"f cvcdcug"qh"j ki j "eqpugs wgpeg"ncpf urlf gu"ko r cevkpi "tqcf u"ku"vqq"uo cmi'vq"f ghkpkkxgn{ "kf gpvkh{" y g"o quv'ko r qtvcpv'r ctco gvgtu"tgur qpukdrg"hqt "y gug"ko r cevu0J qy gxgt. "y gtg"ctg"uqo g" kpvgtguvlpi "vtgpf u"kp"yj g"f cvc"*Vcdrg"6006+"Hqt"gzco r rg. "y g"j ki j "eqpugs wgpeg"ncpf urlf gu"kp"yj ku" f cvcdcug"qeewt "qxgt"c"y kf g"tcpi g"qh"r quukdrg"uvtcvki tcr j ke"ugs wgpegu0Gz vgpf kpi "htqo "y g" I ngpuj cy "Hqto cvkqp"*Rei +'vq"yj g"Y cuj kpi vqp"Hqto cvkqp"*Ry +'y j kej "kpenvf gu"uqo g"3.522"hv"qh" uvtcvc"*Vcdrg"306+07Vj g"qy gt "kpvgtguvlpi "vtgpf "ku"y g"tgrcvkxg"ur ggf "qh'y g"repf urlf g07Vj gtg"y gtg" o cp{"ecvcuvtqr j ke"tqenihcmu"dwv'yj gtg"ctg"cnuq"yj tgg"ncpf urlf gu"yj cv'o c{"j cxg"qeewttgf"cv'c" urqy gt"ur ggf 0

KF	Uvcvg" Tqcf	Hqtocvkqp	Kplwt{	Xgj keng" f co ci g	Pgct" Oku	Rqukskqp	O quv'Nkngn{ " Ej ct cevgt kuvle
Rkw∕ Yqqftwhh3	73	О 'Есиидто ср			[Cdqxg	Hcuv'o qxkpi 'tqem'hcm
Rkw∕ Yqqftwhh4	73	O 'Ecuugno cp	H/4= Ph/3	[Cdqxg	
Rkw∕ Grk‡cdgyj	: 59	O 'Ecuugno cp			[Cdqxg	Hcuv'o qxkpi 'tqemhcm
Rkw∕ RgppVy r	352	N'O qpqpi cj grc	₩3			A	Unqygt"oqxkpi"fgdtku" hnqy
R‱Co y gm	4242	W'Y c{pgudwti	P h'/''3	[Dgnqy	Unqygt"oqxkpi"fgdtku" hnqy
Rkw∕ UokyjVyr	3:	WEсиидто ср		[Dgnqy	Unqygt"oqxkpi"fgdtku" hnqy
Rkw∕ Xguvcdwti	::	N'O qpqpi cj grc			[Cdqxg	Hcuv'o qxkpi 'tqem'hcm
Rkw∕ MkndwemVy r	87	N'\q'O " Ingpuj cy]	Cdqxg	Hcuv'o qxkpi 'tqenihcm

Vcdrg'609050Ej ctcevgtkuvleu''qh''gki j v'j ki j /eqpugs wgpeg''ncpf urkf gu'ko r cevkpi 'tqcf u'pqv'kp''qvj gt'' KTKJG''f cvcdcug''uqwtegu0

N'ó'Nqy gt=O 'ó'O kf f ng='W'ó''Wr r gt"

H'ó''Hcvcrkv{="Ph'ó"Pqphcvcrlkplwt{

7"02"P gzv'uvgr u

Vj ku'tgr qtv'ku'pqv'cp"gpf kpi .'tcvj gt 'kv'ku'c''dgi kppkpi 0'Vj gtg'ku'r gtuwcukxg"gxkf gpeg''y cv'ncpf utkf gu'' y kn'eqpvlpwg''q''qeewt 'kp''y g'tgi kqp.'r ctvlewrctn{ 'y ky "gzr gevgf "ej cpi gu''kp''r tgekr kcvkqp''r cwgtpu0' Kpetgcukpi ''uqr j kuvlecvkqp''kp''qwt ''cdktw{ ''vq''o kvki cvg''ncpf utkf g'tkuni'cpf ''r tgxgpv'hwwtg''ko r cewi'vq'' qwt ''kpht cuvt wewtg''ku''c ''eqtpgtuvqpg''qh''uweeguuhwn''cf cr vcvkqp''vq''eqpvkpwgf "ej cmgpi gu''cuuqekcvgf '' y kj "ej cpi gu''kp''enko cvg0

Y ký "ý g"guvcdrkuj o gpv"qh"c"f cvcdcug. "ý g"kphtcuvtvæwtg" vq"eqpvkpvg"cpf "kortqxg" tgeqtf/nggr kpi " ku"hvpf cogpvcm{ "kortqxgf 0"kpf kxkf vcn"qt"f kuvtæv"ngxgn"kpkkvvxgu" vq" vtcem"cpf "r ncp"hqt"hvvvtg" ncpf urkf g"ej cmgpi gu"dgeqog" r ctv"qh"cp"ghhqtv" ý cv"f ktgevn{"kortqxgu"uvcvg"cpf "nqecn"f gekukqpu"qp" j qy "vq"dguv"cfftguu" ý g"õrgthgev"uvqtoö" qh"enkocvg. "dqvj" pcvvtcn"cpf "j vocp"cnvgtgf" vgttckp. "cpf" rký qmį { "f tkxkpi" ncpf urkfgu" kp"UY RC0

703"Y j cv'ku'o kuukpi 'htqo 'y g'f cvcdcugA

Qpg"qh'ý g"qr r qt wpkkgu"kp"ý g"guvednuj o gpv"qh"c"f eve"uvt wewstg"ku"c"eet ghwn"euuguuo gpv"qh"y j ev" j cu"dggp"eqngevgf "qxgt" vko g"cpf "y j ev"y qwrf "dg"j grr hwn"vq"cff "vq"ý g"eqngevkqp0"Vj tqwi j "ý g" cpcn{ uku"qh"gz kuvkpi "hepf urkfg"t geqtfu"cpf "eqpuvnævkqp"y kj "qwt "hepf urkfg"y qtnkpi "i tqwr."ý gtg" ctg"c"pwo dgt "qh"j qngu"kp"ý g"f eve0Vj ev"ku. "ý gtg"etg"r qvgpvkem{ "korqtvepv"r kgegu"qh"kphqto evkqp" ý ev"reti gn{"j exg"pqv"dggp"eqngevgf0"Vj gug"r etco gvgtu"kpenvfg<

- [~]" Qeewttgpeg''qp''pcwtcn'qt ''ctvkhlekcn'unqr gu<'Qpg''qh''y g''o quv''pqvqtkqwu''ncpf ukf gu'kp''qwt'' f cvcdcug'ku'y g''Mkndweni'ukf g'*Rkw/Mkndwem#0'Vj ku''ukf g'tguwngf 'htqo ''c'r qqtn{ ''gpi kpggtgf '' ctvkhlekcn'unqr g''cpf 'ko r cevgf 'tgi kqpcn''tcpur qtvcvkqp''pgyy qtmu'hqt'y ggmu0'Cp''cdkkx{ ''vq'' f khgtgpvkcvg''dgwy ggp''ncpf ukf gu''y cv'qeewttgf 'kp''ctvkhkekcn'unqr gu''cpf ''y qug''y cv'qeewttgf '' kp''öpcwtcmö''unqr gu''r tqxkf gu''y g''qr r qtwpkx{ ''vq''ectghwm{ ''gxcnxcvg''eqo o qp''hcevqtu'kp''dqy '' eqpf kkqpu''cpf ''cf lwuv''eqpuvtwevkqp.''o kki cvkqp.''cpf ''r tgxgpvkqp''uvtcvgi kgu'hqt''y g'' tgur gevkxg''ugwkpi u0
- *** Köhqto cvkqp"cdqwi'y g'tgrevkxg"o ci pkwf g"qh'repf urlf gu<"Y j krg"y g"f cvcdcug"eqpvckpu"qxgt" ugxgp"y qwcpf "repf urlf gu."y g"f cvc"pgeguuct { '\q"cuuguu'y g'tgrevkxg"o ci pkwf g"qh'y g" repf urlf gu'f qgu"pqv'gz ku/*g0 0"o ci pkwf gu"qh'xqnvo g."ctgc."cpf "f kr reego gpv0O kpqt" repf urlf gu'tgr qtvgf '\q'y g'533"u{ uvgo "ctg'vtgcvgf 'y g"uco g"cu'o clqt"urlf gu'dmenkpi 'r ctvu" qh'ko r qtvcpv'vtcpur qtv'ctvgtkgu0Vj g"r ctco gvgt"õNcpf urlf g"f qy punqr g"f kr reego gpvö"c" o gcuvtg"qh'f kr reego gpv'cv'y g"repf urlf g"uectr ."j cu'dggp"cf f gf '\q"y g"f cvcdcug"cu'cp" gpeqvtci go gpv'vq"tgeqtf 'y gug'f cvc'i qkpi 'hqty ctf "%k/ku"go r v{ "qt"cm quv'eqo r rgvgn{" go r v{ 'lp"y ku'xgtukqp"qh'y g"f cvcdcug-t0P qv'qpn{"f q"y g"y cpv'vq"npqy "y j gtg"cpf "y j gp" repf urlf gu'qeewttgf .'y g"cnq'y cpv'vq"npqy 'y g"o ci pkwf g"qh'f kr reego gpvc'cuuqekcvgf " y ky 'kv0'Y j krg"qy gt "r ctco gvgtu'tgi ctf kpi "repf urlf g"xqnvo g"qt"urlf g"xgmek{ "j cxg"pqv" dggp"cf f gf '\q'y ku'kgtcvkqp"qh'y g"f cvcdcug."dqy 'y qwrf "cmq"dg"xcnvcdrg"hqt"hwwtg" cpcn{ugu0
- " Ncpf utkf g'hqqvr tkpvv<"Kp"cf f kkqp"\q"\j g'tgncvkxg"o ci pkwf g"qh'\j g"gct y "o qxgf."\j ku" f cvcdcug"f qgu'pqv'eqpvckp"r qn{i qpu'f qewo gpvkpi "\j g'ur cvkcn'gzvgpv'qh'c'hcpf utkf g0'Y j krg"

yj gug'f cvc''gz kuv'hqt''yj g''WUI U'ncpf urkf gu.''yj g''r tqeguu''qh'tgeqpuvt werkpi ''yj go 'hqt'o qtg'' tgegpv'ncpf urkf gu'ku'kpvgpug''^sugevkqp'608+0Vj ku''ngcxgu''yj g'f cvcdcug'kphqto cvkqp'' co dki wqwu0Hqt''gz co r ng.''ku''yj g''r qkpv'nqecvkqp'tgr qtvgf ''yj g''dqwqo ''qh''yj g''urkf g.''yj g''yr q'h'' yj g''urkf g.''qt''yj g''egpvtqkf A'Y j cv'ku''yj g''gzvgpv'qh''yj g''urkf gA''Vj gtghqtg.''y j gp''cuuguukpi ''yj g'' tqng''qh''ur cvkcnhcevqtu'hkng''uqknu''qt''i gqnqi {.''yj gtg'ku''yj g''r qvgpvkcn'\q''cuuki p''yj g''y tqpi '' r ctco gvgt 'xcnwg0'Ur cvkcnhkngtkpi ''y cu''wugf 'kp''yj g''qr qi tcr j ke''o gcuwtgu''q''o kkki cvg''uqo g'' qh''yj gug''ej cmgpi gu.''dwi'c''engct ''ugv'qh'hqqvr tkpv'dqwpf ctkgu'ku'c'hct ''uwr gtkqt ''qr vkqp''cpf '' kf gcm{''uj qwrf ''dg'tgeqtf gf ''i qkpi 'hqty ctf 0

- "" C'o gcpu'\q'\tcenihcpf ukf g'tgqeewttgpeg<Ncpf ukf g'r tqpg'uqr gu'f tksgp'd{ '\qr qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { "cpf 'kkj qqi { '\qp qi tcr j { ''cpf 'kkj qqi { '\qp ckkf g''crept ukf g'' codki kqwu'f ghkpkkqpu'*g0 0'kh'c'hcpf ukf g'' qeewtu'ko o gf kcvgn{ ''cf lcegpv'\q'c'j knqtkecn'uhf g'ku'kv'c'pgy 'uhf g'qt'c'tgqeewttgpegA0' Engct'i vkf cpeg''qp'j qy '\q'kf gpvkh{ 'c'tgqeewttkpi ''uhf g''cpf ''tcemikv'kp''y g'f cvcdcug''eqwf "enth{ ''y g'tqm'qh'y gug'r tqdmo ''ur qvu'kp'tgi kqpcn'hcpf uhf g''ej cmppi gu0</p>
- "" Equvul*guvko cvg"qt "cewvcn+"qh"ncpf urkf g"t gr ckt < Ncpf urkf g"f co ci g"vq"kphtcuvt wewst g"et gcvgu" uki pkhkecpv'equvu0Vj g"eqmgevkqp"cpf "cuuguuo gpv'qh"equv'f cvc"ku"c"engct "kphqto cvkqp"cpf " cpcn{ uku"pggf 0'Y j kng"vj g"f cvcdcug"f qgu"pqv'kpenvf g"vj gug"f cvc. "kv"ku"ugv'wr "vq"dg"hpncdng" vq"qvj gt "o cpci go gpv'kphqto cvkqp"u{ uvgo u"*g0 0'I CO R+"vj cv'y qwnf "cmqy "vj gug"nkpf u"qh" etquu/eqo r ctkuqpu0
- "" Nkngnkj qqf u'qh'ncpf utkf gu<'Y kj 'c'ncti g'eqngevkqp''qh'c'y kf g'xctkgv{ 'qh'r ctco gvgtu.'yj g'' nkngnkj qqf 'qh'c'ncpf utkf g'cv'c'r ctvlewrct'nqecvkqp'kp'vko g'cpf 'ur ceg''ecp''dg''guvko cvgf 0'Vj ku'' f cvcdcug'ku''c'tgncvkxgn{ 'ncti g''eqngevkqp''qh'ncpf utkf gu.'j qy gxgt.'yj gtg''ctg''yj qtp{ 'kuwgu''qh'' uco r ng''dkcu'yj cv'nko kv'yj g''wkrkv{ ''qh'cp{ ''r qvgpvkcn'hkngrkj qqf ''guvko cvgu0'Hqt''gzco r ng.'o quv'' f cvc'kp''yj g''f cvcdcug'y kyj ''c''f cvg''qh''qeewttgpeg''ctg''htqo ''yj g''533'f cvcugv0'Vj gtghqtg.''o quv'' y gcyj gt 'kphqto cvkqp''ku''eqpuvtckpgf ''q''c''uo cm'ur cvkch'tgi kqp''yj cv'ku'hkngn{ ''pqv'f ktgevn{ '' cr r nkecdng''q''yj g''rcti gt'tgi kqp.''r ctvlewrctn{ ''i kxgp''yj g''o wnkr ng''urkr /r tqpg''uvcvc''cpf '' kpvgpug''j wo cp''f kuwtdcpeg''kp''Rkvudwti j 0'C ''u{ urgo ''q''guvko cvg''nkngrkj qqf 'ku''dg{ qpf ''yj g'' ueqr g''qh'yj ku''ghtqtv.''j qy gxgt''yj g''f cvc''eqngevgf ''j gtg''eqpvtkdwg''qy ctf ''y cv'u{ urgo 0</p>
- O gcuwtgu'qh'tkumčNcpf urkf g''qeewttgpeg'ku'j ctf '\q'r tgf kev'i ksgp''y g''y tguj qnf ''pcwtg''qh'' urkf g'kpkkcvkqp0'Vj gtghqtg. ''guvlo cvlpi ''y g''tkum'qh'c''rcpf urkf g''kp'c''r ctvkewrct ''nqecvkqp'ku''c'' o wej ''o qtg''eqo o qp''cr r tqcej '\q''r ncppkpi ''cpf ''o kki cvlpi ''y g''lo r cewu''qh''hwwtg'' ncpf urkf kpi 0J qy gxgt. ''tkum'tgs wtgu''eqo r tgj gpukxg''cpf ''eqo r ngvg''f cvc. ''kpenwf kpi ''dqvj '' nkngrkj qqf ''cpf ''equv'f cvc ''*f kuewuugf ''cdqxg+0'Y j krg''y ku''f cvcdcug''ku''cp''ko r qtvcpv'uvgr '' vqy ctf 'ko r tqxkpi ''qwt ''guvko cvgu''qh'tkum''guvko cvgu'htqo ''y g''f cvcdcug''r ctco gvgtu''y qwf ''dg'' kpeqo r ngvg'*fqt''gzco r ng. ''y g''equvu''qh''rcpf urkf g'tgr ckt 'ctg''cp''ko r qtvcpv'eqo r qpgpv'qh'tkum'' cuuguuo gpv ''cpf ''ctg''pqv'kpenwf gf ''kp''y g''f cvcdcug+''cpf ''tgo ckp''dg{ qpf ''y g''ueqr g''qh''y ku'' ghtqtv0'Kp''cf f kkqp. ''y g'htci o gpvgf ''cpf ''kpeqo r ngvg''pcwtg''qh'y g''f cvc''kp''y ku''f cvcdcug.'' y j kej ''j cxg''dggp''tgr gcvgf n{ ''cenpqy ngf i gf .''gzcegtdcvg''y g''ej cmppi gu''cuuqekcvgf ''y ky '' tqdwuv'tkum''cuuguuo gpv0
- " O qpkqtkpi 'f cvc<'C 'eqo dkpcvkqp''qh'tkum'cuuguuo gpv'cpf 'o qpkqtkpi 'f cvc''ctg''r qvgpvkcm{" qpg''qh''y g'o quv'ghbgevkxg''y c{u'\q''r tgf kev'hcpf urkf gu0J qy gxgt."o qpkqtkpi 'f cvc''tgs vktg''c"

o wej "o qtg"f {pco ke"f cvcdcug."y kj "vqqnu"vq"cuuko krcvg"o qpkqtkpi "f cvc"uvtgco u"cpf " eqpf gpug" y gug"uvtgco u"kpvq"wughwdo gvtkeu0Hwpf co gpvcm{."y j krg" y gtg"ctg"r tqo kukpi " o qpkqtkpi "vqqnu"go gti kpi "*g0 0"tgwvtp"NkF CT+."y gug"o qpkqtkpi "f cvc"uvtgco u'j cxg"pqv" dggp"guvcdnkuj gf "qt"egpvtcrk gf 0'O qtgqxgt."y ku"r tqlgev"j cu"cny c{u"dggp"cdqw"f cvc" i cy gtkpi "cpf "qti cpk cvkqp0F gxgrqr o gpv"qh"o qpkqtkpi "r tqi tco u"cpf "vqqnu"hqt"f cvc" o cpci go gpv"tgs wktg"cf f kkqpcn"cpf "o qtg"uvduvcpvkcn"tguqwtegu0

704"Y j cv'r ctco gvgtu''ctg''wpf gt''tgr qtvgf A

Uqo g''qhi'y g''r ctco gygtu'kpenvf gf 'kp'y ku'f cvcdcug'tgo ckp''wpf gt/tgr qtygf 0Rctv'qh'y cv'j cu'vq'f q'' y kj ''y g''uvtwewtg''qh'f cvc''uqwtegu0'Vj g''WUI U''f cvc''htqo ''y g''3; 92u''r tqxkf gf ''c''eqo r tgj gpukxg'' ceeqwpv''qh''ncpf urkf gu''f wtkpi ''c''r gtkqf ''qh'kpvgpug'i gqo qtr j ke''ej cpi g0J qy gxgt.''kv'y cu''dcugf ''qp'' cgtkcn'r j qvqi tcr j { ''uq''uqo g''hcevqtu''uko r n{ ''ecppqv'dg'tgrkcdn{ ''tgeqpuvtwevgf 0Hqt''gzco r ng.'y g'' f cvg''qh''ncpf urkf g''qeewttgpeg''hqt''6: 666''qwi'qh'9634''ncpf urkf gu''kp''y g''f cvcdcug''khngn{ ''y kn''pgxgt''dg'' r qr wncvgf 0J qy gxgt.'i qkpi ''hqty ctf.''ectghwn''cvgpvkqp''q''tcemkpi ''y ku'f cvc''ecp''j cxg''ko r qtvcpv'' ko r nkecvkqpu''hqt''qwt''cdkrkv{ ''q''r ncp''nqt''ncpf urkf g''ej cmgpi gu0'Vj gug''hcevqtu''kpenvf g<

- F cvg'qh'ncpf urkf g''qeewttgpeg'*¢47' "qh'urkf gu'j cxg'c'f cvg+4"Vgo r qtcnkphqto cvkqp''qp''y g'' vlo kpi ''qh'ncpf urkf g''qeewttgpeg''ecp'j gr''tgxgcnleqpf kkqpu''y cv'nccf ''q''ncpf urkf kpi 0"Kp'' r ctvkewrct. 'kv'o c { 'j gr''hpmincpf urkf g''qeewttgpeg''y kj ''enko cvke''eqpf kkqpu''r tkqt''q'' mpf urkf g'*g0 0'r tgekr kcvkqp. 'htgg| g''y cy. ''qt''eqo dkpcvkqpu''qh''dqy +.''qt''y kj ''y g''ghhgev'qh'' mpf uecr g''o qf khecvkqpu'*urqr g''o qf khecvkqpu. 'tqcf ''eqput wevkqp''ej cpi gu+''y cv''qeewttgf '' r tkqt''q''ncpf urkf kpi 0'Y j krg''y gug'f cvc''o c { ''cny c { u'dg''nguu'r tgekug''y cp''y g'y qwrf ''r tghgt'' *g0 0'y j gp'f qgu'c''ncpf urkf g''uvctvA'C v'y g''htuv'xgt { 'uo cm'o qxgo gpv'qt'y j gp''y g''nqy 'ku'' tcr kf ''cpf ''ncti gA'F qgu'y gu'y g''do g''qh'tgr qtvkpi 'tgr tgugpv'y g''ko g''qh'qeewttgpegA+.'j cxkpi '' y ku'kphqto cvkqp''uvkni'r tqxkf gu'y g''cdktk{ ''q'tgeqput wevko r qtvcpv'hcevqtu.''r ctvkewrctn{ '' y gcy gt0
- V{rg"qh'ncpf utkf g'%¢5' "qh'utkf gu'ctg"encukhkgf +<O kki cvkqp."cpf "o qtgqxgt."kppqxcvkqp"kp" o kki cvkqp"tgs wktgu"engct"wpf gtucpf kpi "qh'yj g'wpf gtn{kpi "o gej cpkuo u'qh'unqr g'hcknvtg0' Ewttgpvn{"uwdf kxkf kpi 'vj g"ncpf utkf gu'kp"yj g'f cvcdcug"d{ 'v{rg"ku"c"ej cmgpi g0' Tgeqpuvt wevkqp"qh'ncpf utkf g"v{rg'ku"c"vko g"kpvgpukxg"vcum"kh'kv'ku"r quukdrg"cv'cmi%fqt" gzco r ng. "yj g"WUI U'cpf '533'f cvc"nkngn{"ecppqv'tgnkcdn{"dg"encukhkgf 'htqo "cxckrcdng" kphqto cvkqp+0Kp"eqpvtcuv.'yj g"F EP T"encukhkecvkqp"u{ uvgo "ku"uko r ng"cpf "eqwf "dg'dvknv" kpvq"f qewo gpvcvkqp"ghfqtvu"y kj 'o kpko cn'cf f kkqpcn'y qtn0Kp'yj g"nqpi 'tvp."yj gug'f cvc"ecp" r tqxkf g'kpuki j v'kpvq's wguvkqpu'tcpi kpi 'htqo "yj g"dguv'tgr ckt 'uvtcvgi kgu'vq"pqxgn'y c{u'vq" o kki cvg'tkun0
- [~]" CdqxgIDgqy 'Tqcf '*¢5' 'qh'utkf gu'j cxg'tgrcvkxg''qecvkqp'kphqto cvkqp+<'Vj g''qecvkqp''qh'' rcpf utkf gu'tgrcvkxg''q'kphtcuxt wewst g''qhygp'kphnygpeg''y g'tgrcvkxg''f co ci g''y g''rcpf utkf g'' ecwugu0'Vj g''rko kgf ''cxckrcdkrkv{ ''qh''y gug'tgrcvkxg''qecvkqp'kphqto cvkqp''o cngu'kv'f khhewnv''q'' cuuguu''y gug'kphnygpegu0Tgeqtf kpi ''y gug'f gvckru'f wtkpi ''rcpf utkf g''tcemkpi ''ecp''o cng''y g'' f cvc'kp''y g'f cvcdcug''o qtg'r qy gthwn'y ky ''tgrcvkxgr{ ''o kpko cn'ghhqtv0
^{***} Ncpf ukf gu'y cv'qeewt 'cy c{ 'htqo 'tqcf u<Uqo g'f cvc'uqwtegu'f q''c'dgwgt'lqd'ecr wtkpi 'y g'' gpktg'tcpi g''qh'ncpf ukf g''nqeckqpu'*g0 0'y g''WU U'f cvc'ku'dcugf ''qp''cgtkcnlo ci gt { ''cpf '' ecp''f gygev'cmi'ncpf ukf gu'xkukdng'cv'y g't gngxcpv'tguqnwkqp+0Qyi gt 'f cvc'uqwtegu'ctg'dkcugf '' dcugf ''qp''y gkt ''qr gtcvkqpcn'r wtr qug''cpf ''qp''nqewu''qp''ncpf ukf gu'pgct ''kphtcutvewtg'' *g0 0'eqpukf gt ''y g''f khigtgpeg''dgw ggp''y g'f cvc''tcengf ''d{ ''y g''Ekk{ ''qh'Rkwudwti j ''cpf ''y g'' 533'f cvc0+'Ki'y ku''f cvc'ku'wugf ''q''dwkff ''r tgf levkxg'o qf gnu. 'y ku'dkcu'y kni'dg'ko r qtvcpv0Ki'ku'' pqv'engct'kh'y g''zctkqwu'tcenhpi ''huwu'kpenvf g''cmi'ncpf ukf gu'y cv'qeewt ''qt ''nqewu''qp'' ncpf ukf gu'y cv'y kni'tgs wktg'tguqwtegu''q''o kki cvg0Ki'ku'tgeqo o gpf gf ''y cv'cmi'ncpf ukf gu'' f gygevgf ''d{ ''cp''ci gpe { ''dg'kpenvf gf ''kp''y g'' f cvc'hqt''c''dtqcf ''cpi g''qf'' f gygevgf ''d{ ''cp''ci gpe { ''dg'kpenvf gf ''kp''y g'' f cvc'hqt''c''hqt''c''hqt''g g''hqt''y g''hqt''gt''y kni'dg''y kni'dg''y kni'tgequ tegu''q''o kki cvg0Ki'ku'tgeqo o gpf gf ''y cv'cmi'ncpf ukf gu'' f gygevgf ''d{ ''cp''ci gpe { ''dg'kpenvf gf ''kp''y g''f cvcdcug0'Vj ku''y kni'cf f ''cp''kpetgo gpvcni'ngxgn'qh'' tgeqtf / nggr kpi ''ghqtv''dwi'y g''hpetgcug''kp''y g''wktkv{ ''qh'y g''f cvc'hqt''c''dtqcf 'tcpi g''qh'' qr gtcvkqp''tgngxcpv'cpcn{ ugu'y kni'dg''uwduvcpvkcn0</p>

705"Uqo g'r ctco gygt"f cvc"pggf "vq"dg"tghkpgf

Vj gtg"ctg"ugxgtcn'r ctco gvgtu' vj cv'ctg"dcugf "qp"tgncvkxgn{"eqctug"o crrkpi 0'Cm'qh' vj g"uqkn'f cv." o wej "qh' vj g"i gqnqi kecn'f cv."cpf "j kuvqtkecn'o kpg"o crrkpi "ctg"dcugf "qp"r ctvkcn'kphqto cvkqp"qt"qp" o crrkpi "o gcpv' vq'i vkf g"dtqcf"r ncppkpi "f gekukqpu0'Gzvtcevkpi 'vj ku"kphqto cvkqp"cv'c"r qkpv'ku"pqv'cp" qrvko cn'crrtqcej."r ctvkewnctn{"i kxgp"vj g"j gvgtqi gpgkv{"kp"uqkn'cpf"tqem'eqorqukkqp0'Hvvty gt." vj gug"f cvc"tgs vktg"gzrgtvkug"cpf "lwf i go gpv'vq"o cng"c"f gvgto kpcvkqp"*y j kng"kv'ku"gcu{"vq"kf gpvkh{"c" unkf g"cu"cdqxg"qt"dgnqy "c"tqcf."kvøu"pqv'uko rng"vq"kf gpvkh{"c"r ctvkewnct"uvtcvki tcrj ke"nc{gt+0

Hqt"cml"repf urkf gu'ý cv'ctg"tgr cktgf."uqknu. 'hký qmi {."gve0'ctg"j ki j n{ "hkmgn{ 'vq"dg"f gvgto kpgf "cu'r ctv' qh'ý g"i gqr j {ukecnl'kphqto cvkqp"i gpgtcvgf "f wtkpi "ý ku'r neppkpi "cpf "ko r ngo gpvcvkqp"r tqeguu0' Rqr wrcvkpi "ý g"f cvcdcug"y ký "ý ku'kphqto cvkqp"cu'kv'ku'i cý gtgf "ecp"o cmg"f gvgto kpcvkqp"qh" nepf urkf kpi "o cvgtkeni"cpf "ugwkpi u"o qtg"r tgekug"cpf 'ý gtghqtg"ecp"ko r tqxg"ý g"eqo o wpkv{ øu" cdkrkv{ "vq"ko r tqxg"o kki cvkqp"qh"ur gekhe "ektewo uvcpegu0T gvtqur gevkxg"tgeqpuvt vevkqp"qh"y gug" f cvc"ku"c"urqi 0'Kpvgi tcvkqp"qh"y ku'kphqto cvkqp "kpvq"y g"f cvcdcug"cu'kv'ku'i gpgtcvgf "uggo u"j ki j n{ " r tghgtcdng0

8"@'Cempqy ngf i go gpw

Vj g'r tqlgev'y qwrf ''pqv'j cxg''dggp''r quukdrg'y kj qwv'y g''gpy wukcuvke''eqqr gtcvkqp''qh'c'f kxgtug'' pgw qtm'qh''necn'rcpf ukf g''gzr gtw0Vj gug''gzr gtwi'i gpgtqwun{ ''r tqxkf gf 'kpxcnvcdrg''kpr w'kpvq''y g'' f guki p''qh'y g''f cvc''uvtwewstg''cpf ''y g''eqnrgevkqp''qh'rcpf urkf g''f cvc0

Hkuv'cpf 'hqtgo quv.'vj g''KTKUG''Ncpf ukf g''Y qtnhpi ''I tqwr 'j cu''r tqxkf gf ''guugpvkcn'vgej plecn'cpf '' eqpegr wcnlwpr wi'y tqwi j qwi'y ku''r tqlgev0'Vj cpmu'vq'y ku''i tqwr <'O kej cgn'Cf co u'*RgppF QV+.'F cp'' Dnkuu'*RgppF QV+.'Hcvo c''Eknqi nw''Rj F.'RG.'*O kej cgn'Dcngt+.''Uceg{ 'F qtp'*O kej cgn'Dcngt+.'' T {cp'I qtf qp'*URE+.''G| gs wlgn'Nvdcp'*HJ Y C+.'Dgxgtn{ 'O kngt '*RgppF QV+.''Iqpcy cp'O qugu'' *RgppF QV+.'F gppku'P ghl'*RgppF QV+.''Tq{ ''Rckpvgt''*RgppF QV+.''Gtle''Ugv| ngt '*Ekk{ ''qh'Rkvudwti j +.'' Uvgr j gp''Uj cpng{ '*Cngi j gp{ 'Eqvpv{ +.''Icuqp''Ukpc{ ''*ECY R+.''Igcp''Ucvgt '*Cngi j gp{ 'Eqvpv{ +.''' Mgp''Wtdcpge'*Cngi j gp{ 'Eqvpv{ +0

Kp"cffkkap"\q"\j g"kpfkxkf wcn"ghhqtwi"kp"\j g"y qtmkpi "i tqwr."kv"ku"cnq"korqtvcpv"\q"cempqy ngf i g"\j g" xctlgv{"qh"ci gpekgu"y j q"o cf g"\ko g"hqt"\j gkt"uvchh"\q"y qtmly kj "\j g"Rkw"\gco "kp"eqor ngkpi "\j ku" y qtm0"Vj g"\ko g"o cf g"d{ "RgppF QV"F kntkewi"32."33."cpf "34="RgppF QVøu"Egpvtcn"Qhheg= Cmgi j gp{"Eqwpv{."\j g"Ekx{"qh"Rkwudwti j."EQP P GEV."cpf "\j g"Dqtqwi j "qh"Hqtguv"J kmi"y cu" guugp\kcn"hqt"\j g"eqor ngkqp"qh"\j ku"r tqlgev0Lc{ "Qmckp"*RgppF QV"F kntkevi33+"cttcpi gf "hqt" xcnwcdng"hkgnf "xkuku"hqt"\j g"\gco "\q"qdugtxg"ncpf ukf g"tgo gf kckqp"cpf "y cu"kputwo gpvcn"kp" cuuknkpi "y kj "i gqmeckqp"qh"rcpf ukf gu"dcugf "qp"Tqwg1Ugi o gpvQhhugv"meckqpu0

Dqyj 'Iko 'J co gn'cpf 'J gngp'F gncpq'y gtg'xgt { 'i gpgtqwu'y kyj 'y gkt''ko g''cpf 'y kyj 'uj ctkpi 'y gkt'' xcuv'gzr gtkgpeg''qp''tgi kqpcn'ncpf urkf kpi 0'Dqyj 'r tqxkf gf ''gz vtgo gn{ 'j gn hwn'f ktgevkqp''cpf ''cf xkeg''vq'' y g''vgco 0

Ugxgtcrl'wpf gti tcf wcvgu''cv''y g'Wplxgtukv{ "qh'Rkvudwti j "cuukuvgf "qp''xctkqwu''r ctwu''qh''y ku''y qtm0' Nk | kg''Rgcug. ''Cuj mg{ "Uqmpf c{."cpf ''Qnkxkc''Vcpi ''y qtmgf ''j ctf ''qp''r qtvkqpu''qh''y g''tgr qtv'cpf ''y ku'' y qtmiku'i tgcvn{ ''cr r tgekcvgf 0 9" @'Cetqp{ou'cpf 'cddtgxkcvkqpu

CCUJ VQ Cogtkecp'Cuuqekcvkqp'qh'Ucvg'J kijyc{ 'cpf 'Vtcpur qtvcvkqp'Qhhkekcnu

CENR Cmgi j gp{ 'Eqwpv{ 'Ncpf utkf g'Rqt vcn

CON<Cdcpf qpgf 'O kpg'Ncpf

eux<eqo o c'ugr ctcvgf 'xctkcdrg

 $F \, EP \, T {<\!\!\!^{'}} F \, gr \, ct vo \, gp v'Qh' Eqpugt x cv qp' cp f' P \, cw tcn' T \, guq w teg u$

FGO <"f ki kvcn"gngxcvkqp"o qf gn

 $F QO K'_E k_{(\alpha) F} gr ctvo gpv'qh'O qdkrkw{ cpf 'Kphtcuvt wewtg gpv'qh'O qdkrkw{ cpf 'Kphtcuvt we qpv'qh'O qdkrkw{ cpf 'Kphtcuvt qpv'qh'O qdkrkw{ cpf '$

GKC<'Gpgti {'Kphqto cvkqp'Cfo kpkuvtcvkqp

I COR d gqvgej plech Cuug VO cpci go gpv Rtqi tco

OUJ C < O kpg"Uchgv{ "cpf "J gcnj "Cf o kpkuvtcvkqp

PCUC < Pcvkqpcn'Cgtqpcvvkeu'cpf 'Ur ceg'Cf o kpkuvtcvkqp

PGF <'P cvkqpcn'grgxcvkqp'f cvcugv

PCNK*Pcvkqpcn'Cdcpfqpgf'Ncpfu'Kpxgpvqt{

PTEUK']Wpksgf "Uccvgu'F gr ctvo gpv'qh'Ci tkewnwtg_'P cwtcn'Tguqwtegu'Eqpugtxcvkqp"Ugtxkeg

RCUF C<'Rgppu{ nxcpkc''Ur cvkcn'F cvc''Ceeguu

RCF GR<Rppu{nxcpkc'F gr ctvo gpv'qh'Gpxktqpo gpvcn'Rtqvgevkqp

RI J "*eqcn-<'Rkwudwtij "Eqcndgf

RTKUO < Rctco gvgt/grgxcvkqp'T gi tguukqpu'qp'Kpf gr gpf gpv'Uqr gu'O qf gn

UO ETC <'Uvthceg'O kpkpi 'Eqpvtqn'cpf 'Tgenco cvkqp'Cev'qh'3; 99

URE <'Uqwj y guvgtp'Rgppu{ nxcpkc'Eqo o kuukqp

UUWTI Q<UqkdUvtxg{'I gqitcrjke'Fcvcdcug

UY RC <'Uqwj y guvgtp'Rgppu{nkcpkc

WHT ''*eqcn⊬'Wrrgt 'Htggrqt v'Eqcndgf

WUI UKWU'I gqnqi kecn'Uwtxg{

YRTFE<'Y guygtp'Rgppu{nxcpkc'Tgi kqpcn'Fcvc'Egpygt

: " 12 'T ghgt gpegu''ekgf

Cengpj gkn 'C (E 0*3; 76+'C'uqkd'o gej cpkeu'cpf 'gpi kpggt kpi 'i gqrqi { 'cpcr{uku'qh'rcpf urlf gu'kp''j g'' ctgc 'qh'Rkvudwt i j . 'Rgppu{ ncpkc 0'Rj F 0'Wpkgtukv{ 'qh'Rkvudwt i j 0

 $Cf co u'It0''Y 0\Gamma0^{*3}; : 8+"Ncpf urlf kpi 'kp'Cmgi j gp{ 'Eqwpv{.'Rgppu{ nxcpkc < Ej ctcevgt kukeu.'' Ecwugu 'Cpf 'Ewtgu0Rj F 0'Wpkxgtukv{ ''qh'Rkvudwti j 0}$

Cuj ncpf. "HZ 0*4243+":Etkkecn'uj cmy "cpf "f ggr "j {f tqnqi ke"eqpf kkqpu"cuuqekcvgf "y kj " y kf gur tgcf "ncpf urkf gu"f vtkpi "c"ugtkgu"qh'uvqto u"dgw ggp"Hgdtvct { "cpf "Cr tkri423: "kp"Rkvudvti j " cpf "xkekpkx{."y guvgtp"Rgppu{mcpkc."WUCø"*Ncpf urkf gu.*"3: *8+."r r 0437; 643960

Dckp.'F (LO'gv'cn)*423; +'Vj g'Ghgeuu'qh'Undulf gpeg'T gunnkpi 'ht qo 'Wpf gt i t qwpf 'Dkwo kpqwu'Eqch' O kpkpi 'kp'Rgppu(nxcpkc.'4235/423: <'Dkwo kpqwu'O kpg'Undulf gpeg'cpf 'Ncpf 'Eqpugt xcvkqp'Cev' Cev'76'Co gpf o gpui'7yj 'Hkxg/[gct'Tgrqtv0J cttkudwti.'RC<'Rgppu{nxcpkc'F gr ctvo gpv'qh' Gpxktqpo gpvcn'Rtqvgevkqp0

Dgti ."VOO 0'gv'cn0*3; : 5+"Ut cvki t crj ke 'eqtt grcvkqp 'ej ctv'qh'Rgppu{ nxcpkc0Eqo o qpy gcnj "qh" Rgppu{ nxcpkc.'F gr ctvo gpv'qh'Gpxktqpo gpvcn'Tguqwtegu.'Dwtgcw'ĭ "*I gpgtcn'I gqnqi { 'Tgr qtv." 97+0

Dtki i u. 'T(R0'gv'cn0*3; 97+'Ncpf unlf kpi 'kp'Cngi j gp{ 'Eqwpv{.'Rgppu{nxcpkc0Ektewrct'94: 0'WU' I gqnqi kecn'Uwtxg{.'P cvkqpcn'Egpvgt0

 $Eqwpv{ "qh'Cngi j gp{ 'Rwdnke" Y qtmi *4236+" Eqpust we skqp 'Rnc pu'hqt 'Rkecktp'Tqcf' Ncpf undf g" Uc dhrk/ cskqp 'Rt qlgev0'Rkwudwti j ."RC< Eqwpv{ "qh'Cngi j gp{ 0$

Etwf gp. 'F 00 0'cpf 'Xctpgu. 'F 0*3; ; 8+'*Ncpf utlf g'\f r gu''cpf ''r t qe guugu*0'Ur gelcn'T gr qtv'4690' Vtcpur qtvcvkqp'T gugctej 'Dqctf.''r r 0586790

 $\label{eq:Fcn} Fcn\{."E0"cpf"Dt\{cpv."M0"*4235+"::Vjg"RTKUO"enkocvg"cpf"ygcvjgt"u{uvgoôcp"kpvtqfwevkqpø" Eqtxcmku"QT<"RTKLO"enkocvg"itqwr."40$

F ¢Crrqmpkc'Gpi kpggtkpi "*423: d+'*Rtqrqucn/Undunthceg'Gzrnqtckqp."Uej go cvke'F guki p."cpf*" *Tki j v/QhY c{'Uci g'Ugtxkegu<'Grk/cdgvj 'Utggv'Ncvgtcn'Unrrqtv*0'Rkvudwti j.'RC<'Eqwpv{"qh" Cngi j gp{0

F øCr r qmpkc'Gpi kpggtkpi '*423: e+'Ukg'Nqecvkqp'Rncp<'Grk/ cdgvj 'Ut ggv'Ncvgt cn'Uwr r qt v0' Rkwudwti j .''RC<'Eqwpv{ ''qh'Cmgi j gp{0

F grcpq.'I 0N0'cpf 'Y kuj wugp.'IIR0*4223+'Ncpf undf gu'lp'Rgppu(nxcplc0Rgppu{nxcplc'I gqrqi lecn' Uwtxg{'*Gf wecvkqpcn'Ugtkgu+0 Fqpcj wg."L0cpf 'Tqmkpu."J 0D0*3; 9; +"-I gqmi { "qh'y g'Pqty gtp'Crrcncej kcp'Eqcn'Hkgnfø"kp0' *Pkpy 'Kpvgtpcvkqpcn'Eqpi t guu"qh'Ect dqpklngt qwu"Ut cvki t crj { "cpf 'I gqnqi {* "*I wkf gdqqm"Hkgnf " Vtkr 'Pq04+0

F qpcv.'O (I 0'gv'cn0*4238+"::O qtg"gzvtgo g"r tgekr kkcvkqp"kp"vj g"y qtnf øu"f t { "cpf "y gv"tgi kqpuø" Pcwtg'Enkocvg'Ejcpig.'8*7+."r r 072: 67350Cxckrcdng"cv<<u>i vr u<1f qk0qti 1320825: 1perkocvg4; 63</u>0

F two. 'T(I 0'gv'cn0*4239+'':Qj kq'Tkxgt'Dcukpô Hqto wncvkpi 'enko cvg''ej cpi g''o kki cvkqp kf cr vcvkqp'' uvtcvgi kgu''y tqwi j ''tgi kqpcn'eqmcdqtcvkqp''y kj ''y g''QTD''cmkcpegø''Tgrqtv'pq0''WU'Cto { 'Eqtru''qh' Gpi kpggtu. 'Kpuxkwwg''hqt ''Y cvgt 'Tguqwt egu<'Cngzcpf tkc. 'XC'']Rtgr tkpv_0

Gcuvgtnkpi .'F 0F 0'gv'c n0*4239+"-Rtgekr kxvkqp"ej cpi g'kp'vj g'Wpkgf "Uvcvguø0

Gxcpgm'P 0'Kppceej kqpg.'C0V0cpf 'Cpf gtuqp.'Vj qo cu'*4244+'':C'Ecug'Uwf { "qh'Rqvgpvkcn' I gqnqi ke'Hcevqtu'Chhgevkpi ''yj g'Qeewttgpeg''qh'O cuukxg'I tqwpf ''Eqncr ugu''cv'cp''Wpf gti tqwpf '' Nko guvqpg'O kpg''kp''Uqwj y guvgtp''Rgppu{nxcpkcø''kp0'Kpvgt pcvkqpcn/Eqp/gt gpeg''qp'I tqwpf '' Eqpvt qn/kp'O kpkpi 0

Hgf qtmq. "P 0cpf "Ungo c. "X0*4235+":C 'tgxkgy "qh'ý g'utcvki tcr j { "cpf 'utcvki tcr j ke "pqo gpencwtg" qh'ý g'F wpmetf 'I tqwr 'kp "Y guv'Xkti kpke "cpf "Rgppu{ ncpke. "WUCø" *Kovgt pc vkqpc nl Qwt pc nl qh Eqc n*" I gqnqi { .''33; .''r r 046420 Cxckredrg" cv<<u>j wr u<11f qkqti 1320823810eqcn42350290238</u>0

Htcugt. 'IOMO*3; 7; +'':Htgg| g/Vj cy ''Htgs wgpekgu''cpf 'O gej cpkecn'Y gcy gtkpi ''kp''Ecpcf cø''CTEVKE.'' 34*3+''r r 0626750'Cxckrcdrg''cv<<u>'' wr u<llf qk0ti 132086652 lctevke5934</u>0

 $\label{eq:holestimate} Htqwf g. 'O U0cpf 'Rgvg \{. 'F (P 0)*423: +'': I qdcnhcvchcpf utkf g''qeewttgpeg'htqo ''4226''q''4238a'' PcwtchJ c/ctf u'cpf 'Gcty' 'U ugo 'Uekgpegu.''3: *: +:''r r 0'4383643: 30$

I guej .'F 0'gv'cn $0^{*4224+":Vj}$ g"pcvkqpcn'grgxcvkqp"f cvcugvá "RG"("TU/"Rj qvqi t co o gvt ke 'Gpi kpggt kpi " ('Tgo qvg'Ugpukpi .'8: *3+:"r r 076330

I tggp. 'F 0F 0'E kqi nw. 'H0'cpf 'F qtp. 'U0G0*4245+'Ncpf und g'Dguv'Rt cevkegu'J cpf dqqn0'Rkw'KFKUG' Rtqlgev'T gr qtw'KFKUG/45/R43/25/230'Rkwudwti j. 'RC <'Wpksgtuks{ 'qh'Rkwudwti j 0

J co gn'LIX0^{&4}242+":Hqwt'Hco qwu'J kuvqtke'Ncpf utkf gu'qh'y g'Rkwudwti j 'Ctgcø'kp0Ncpf utkf g'' Ecrcek{ 'Dwktf kpi 'Xkt wcn'Ugo kpct 'Ugt kgu0

J co gn'LOK0cpf 'Httpv.''P 0M0*3; 8; +''Cpcn(uku'cpf 'F guki p''qh'J ki j y c{ 'Ewu'kp'Tqemc'C'Uqrg'' Ucdktks{ 'Uwf { ''qp 'Kpvgtucvg'Tqwg''49; ''cpf '9; 'P gct 'Rkwudwt i j . 'Rgppu{ nccpkc0Rgppu{ nccpc'' F gr ctvo gpv'qh'J ki j y c{ u'Tgugctej ''Rtqlgev'63694.'r 03520

J ctr gt. "LOC 0*4222+": I gqnqi { "qh'y g'Rkwudwti j "ctgcø" kp"Rkwudwti j "cv'y g'O kngppkwo <'V j g" Korcev'qhI gquekgpeg" qp" c'E j cpi kpi "O gvt qrqnkxcp" Ctgc. "I wkf gdqqm" 87 vj "Cppwcn'Hkgnf" Eqphgt gpeg" qh'Rgppu { nxcpkc "I gqnqi kuwu" LC" J ctrgt. "gf." rr0: 6;0

J ki j ncpf. 'NOO 0'cpf 'Dqdtqy um{. 'R0*422: +'Vj g'ncpf unlf g'j cpf dqqm/C'i wlf g'\q'wpf gt uncpf kpi " ncpf unlf gu0'WU'I gqmi kecn'Uwtxg{0 Keppceej kqpg. 'C0V0'gv/cn0*4236+":Heevqtu'Kphwgpekpi 'Y cvgt'F kuej cti gu'htqo 'Wpf gti tqwpf 'Eqcn' O kpg'Rqqnu'kp'Rgppu{ nxcpkcø''UO G'Cppwcn/O ggvkpi 'Rt gr t kpv.''366374.'r 0': 0

Koppceej kqpg. 'COVO*4246+''*Ut cvki t crj ke 'Uwf kgu'h qo 'Nko guvqpg'O kpkpi 'Rgt o kul*ORgtuqpcn' Eqo o wpkecvkqp'*h qo ''eqtgu''eqngevgf 'h qo ''o kpkpi ''r gto ku''cmpi 'Ej guvpw'Tkf i g'hp''Hc{gwg''cpf'' Y guvo qtgrcpf ''Eqwpvkgu+0

Lceqduqp.'T(D0^{*3}; ; 5+'*I* gqo qt r j ke'iuwf kgu'qh'y g'iuqt o 'cpf 'hqqf ''qh'Pqxgo dgt '5/7.'3; : 7. 'kp''y g'' wr r gt ''Rquqo ce''cpf 'Ej gcv'Tkxgt ''dcukpu'kp'Y guv'Xkt i kpkc''cpf 'Xkt i kpkc0'WUI RQ=''WU'I gqmi kecn'' Uwtxg{.'O cr 'F kuntkdwkqp0

Igqpi ."J 0I 0'gv'cn0*4242+":Ko r tqxgo gpv'qh'f ckn{ 'r tgekr kxxkqp"guvko cvkqpu'wukpi 'RTKUO 'y ky " kpxgtug/f kuxpeg'y gki j vkpi \emptyset "Vj gqt gvkecn'cpf 'Crrnkgf 'Enko cvqnqi {."35; ."r r 0; 456; 560

Igvqp. 'C0G0'Y cvmkpu.'U0C0'cpf 'J wpvkpi vqp.'I0*4228+'Gxcnucukqp''qh'rtgekrkucukqp''guuko cvgu'htqo '' RTKLO'hqt''y g'3; 83/; 2''cpf''3; 93/4222'f cvc''uguu.'Pgxcfc0'WUI gqmi kecn'Uvtxg{0

MF MC 'P gy u'*423: +": Ncpf utlf g'T gr ckt 'E quvu'Cff kpi 'Wr 'cu'RgppF QV'E qpvkpwgu'vq'O cpci g'' F q| gpu'Cetquu'F kuvtlev¢0Cxckrcdng''cv<u>'j wr u
ly y y (edupgy u(eqo 1r kwudwti j 1pgy u1r kwudwti j /</u>"
rcpf utlf g/t gr ckt/equvu/r gppf qv<u>i</u>0

Mktuej dcwo .'F 0'Ucprg{.''V0cpf '\ j qw.'[0*4237+'':Ur cvkcn'cpf ''go r qtcn'cpcn{uku'qh'c''i qdcn'' rcpf urkf g''ecvcqi ø''*I gqo qt r j qqi {*.''46; .''r r 066370Cxckrcdrg''cv.'' j wr u<<u>lf qkQti 1320823810 gqo qt r j 042370250238</u>0

Mktuej dcwo .'F (D0'gv'cn0*4232+":C''i mdcn'ncpf urlf g''ecvcmi ''hqt''j c| ctf ''cr r necvlqpu
c'o gyj qf .'' tguwnu.''cpf ''no kcvlqpuø''P c wt cn'J c/ctf u.'74*5+.''r r 078367970'Cxckrcdng''cv
c'' j wr u
lf qkQti 13208229 lu3328; /22; /; 623/60

Mqvl .'O 0'Ngxgto cpp.'C 0'cpf "Y gpl .'N0*4246+":Vj g"geqpqo ke "eqo o ko gpv'qh'enko cvg"ej cpi gø" Pcwtg.'84: *: 22: +.'r r 077367790

P cvkqpcn'Y gcvj gt 'Ugtxkeg'*pf 0+'423: 'kp'Eqpvgzv<Tgeqtf 'Rt gekr kcvkqp''cet quu'Rgppu{nxcpkc." 423: 'kp'Eqpvgzv<Tgeqtf 'Rt gekr kcvkqp''cet quu'Rgppu{nxcpkc0Cxckxcdng''c \ll j wr u<ly y y y gcvj gt0 qx levr IT geqtf Rt gekr 423: 0

P qt y gtp 'cpf 'Egpvtch'Crrcnej kcp 'Dcukp 'Eqch'Tgi kqpu'Cuuguuo gpv'Vgco '*4223+'4222't guqwt eg'' cuuguuo gpv'qhugngevgf ''eqch'dgf u'cpf ''| qpgu'kp 'y g'Pqt y gtp ''cpf 'Egpvtch'Crrcnej kcp 'Dcukp ''eqch' t gi kqpu'Rtqhguukqpch'Rcrgt ''38476E0'WU'I gqqqi kech'Uvtxg{0

Qtudqtp."P 0*4237+'F gr qukkqp"cpf 'Ut wewt cn'Hgcwst gu'qh'y g'Dcucn'O qt i cpvqy p'Ucpf usqpg'qh' y g'Ecuugro cp'Hqt o cvkqp'*Rgppu{ nxcpkcp+'qh'y g'I tgcvgt 'Rksudwt i j 'Tgi kqp0Wpkxgtuks{ ''qh'' Rksudwt i j 0

Rc|| ci nkc."HILO"Uj cwnku."LO'cpf "Nlpf dgti ."UOFO*4243+":I wlf gdqqm'Qj kqr {ng'4243"Hlgnf Eqphgtgpeg"qh'Rgppu{nxcplc"I gqnqi kuw<"Kpvtqf wevkqp"cpf "qxgtxlgy ø"kp"I gqnqi {"qhQj kqr {ng" Ucvg'Rctmcpf ''y g'Ncwtgh'I ki j ncpf u'qh'Uqwy y guvgt p'Rgppu{ ncpkc<": 7vj 'Cppwch'Hkgrf '' Eqphgt gpeg''qh'Rgppu{ ncpkc 'I gqnqi kuu'I wlf gdqqm'r r 036320

 $\label{eq:response} \begin{array}{l} Rgpp"Ucvg"/"Egpvgt"hqt"Fktv"cpf"I tcxgnTqcf"Uwfkgu"*4234+"::Wpr cxgf"Tqcfu"qh"Rgppu{nxcpkcø0 RCUF C0Cxckrcdng"cv<<u>j wr u<10 y y 0 cuf c0 uw0gf wlwekIF cvcUwo o ct {0cur zAf cvcugv? 333</u>0 \\ \end{array}$

Rgppu{ mcpkc'Dwtgcw'qh'Vqr qi tcr j ke''cpf 'I gqnqi ke''Uwtxg{.'F gr ctvo gpv'qh'Eqpugtxcwqp''cpf '' P cwtcn'Tguqwtegu'*4223+'':F ki kcn'Dgf tqen'I gqnqi { ''qh'Rgppu{ mcpkcø0'J cttkudwti .'RC<'' Rgppu{ mcpkc'Dwtgcw'qh''Vqr qi tcr j ke''cpf 'I gqnqi ke''Uwtxg{0Cxckrcdng''cv<'' j wr ≤ 1 y y 0f ept0wcw0r c0wuhqr qi gq lo cr 3 kdgf o cr 0cur z0

Rgppu{nxcpkc'F gr ctvo gpv'qh'Gpxktqpo gpvcn'Rtqvgevkqp'*4245c+'':Cdcpf qpgf 'O kpg''Ncpf u'' Kpxgpvqt { 'Ukguø0

Rgppu{nxcpkc'F gr ctvo gpv'qh'Gpxktqpo gpvcn'Rtqvgevkqp'*4245d+'':F ki kkk gf 'O kpgf 'Ctgcuø/Eqcn' Egpvgt.'RC<Dwtgcw'qh'F kuvtkev'O kpkpi 'Qr gtcvkqpu0

Rgppu{nxcpkc'F gr ctvo gpv'qh'Vtcpur qtvcvkqp'*4246c+'':RgppF QV''/'Rgppu{nxcpkc''mecn'tqcf uø0' RCUF C0/Cxckrcdng''cv<

<u>j wr u<1ly y y 0 cuf j wr u<1ly y y 0 cuf c0 uw0gf wlweklF cvcUwo o ct {0 cur z Af cvcugv? 325: c0 uw0gf wlwekl</u>" F cvcUwo o ct {0 cur z Af cvcugv? 760

 $\label{eq:response} Rgppu\{ \mbox{rxcpkc'F gr ctvo gpv'qh'Vtcpur qtvcvkqp'*4246d+": RgppF QV''/ 'Rgppu\{ \mbox{rxcpkc''Uvcvgtqcf ug0' RCUF C0'C xckrcdrg''cvd'j wr ud1y y y 0 cuf c0 uw0gf wlwekIF cvcUwo o ct { (0 ur zAf cvcugv? 760 vl/) cvd' z 26 cvcugv? 760 vl/) cvd' z 26 cvcugv? \\ \end{tabular}$

Rqo gtq{.'LLU0^{\$3}; : 4+'Ncpf undf gu'kp''y g'i t gc vgt 'Rkvudwt i j 't gi kqp. 'Rgppu(ncpkc0Rtqhguukqpcn' Rcr gt''344; 0'WU'I gqqqi kecn'Uvtxg{0

Rqo gtq{."LLUD*3; : 8+"*O cr 'lij qy kpi 'linqr g'o qxgo gpul'kp 'lj g'Q cm*"*Hqt guv'S wcf t cpi ng. 'I t ggpg'' Eqwpv*{. *'liqwj y guvgt p 'Rgppu{ nxcpkc*00 kuegncpgqwu'Hkgnf ''Uwxf kgu'O cr '39; 60'WU'I gqnqi kecn'' Uwtxg{0Cxckrcdng''cv<u>'' wr u<llf qk0qti 13205355 lo h39; 6</u>0

RTKUO 'Enko cvg'I tqwr '*4236+'':RTKUO 'I tkf f gf 'Enko cvg'F cvcø0Qtgi qp''Uvcvg'Wpkxgtukx{0 Cxckrcdrg''cv<<u>'j wr u<lr tkno Qtgi qpuvcvgQf w</u>*Ceeguugf <'3''Ugr vgo dgt''4245+0

Rwi hq. 'F (I 0'cpf 'K:ppceej kqpg. 'C 0V0*3; 9; +'*I gqnqi { .'o kpkpi .'cpf 'o gvj cpg''eqpvgpv'qh'y g'' Ht ggr qt v'cpf 'Mxxcppkpi ''eqcndgf u'kp' Kpf kcpc ''cpf ''uwt t qwpf kpi ''eqwpvkgu ''Rc*0T gr qt v'qh'' Kpxguvki cvkqp'': 6280'WU'F gr ct vo gpv'qh''y g''Kpvgtkqt.''Dwtgcw'qh'O kpgu0

Tqj cp. "V(L0)"Y qpf qnqy unk "P 0'cpf "Uj grgh 'G0*4243+": Ncpf urlf g'uwuegr vkdkrkv{ "cpcn{ uku'dcugf "qp" ekk{ gp'tgr qt wø" *Gct vj "Uvt hc eg'Rt qeguugu'cpf 'Ncpf hqt o u*. "68*6+. "r r 09; 36: 250 Cxckrcdng" cv." j wr u<<u>lf qkuti 13208224 lgur 07286</u>0

Uej o kf v.'IO'Gxcpu.''KUU'cpf 'Dtkpno cpp.''IO*4225+":Eqo r ctkuqp''qh'r qn{ pqo kcn'o qf gnu'hqt 'ncpf " uwthceg''ewtxcwtg''ecnewncykqpø''*Kpvgt pcvkqpcn'Iqwt pcn'qhI gqi t crj kecn'Kplqt o cvkqp''Uekgpeg*." 39*: +.''r r 09; 96: 360 Uej y cpi j ctv."Y 0'cpf "Uej gtngt."F 0*4236+"::Vqr qVqqndqz "460 CVNCD/dcugf "uqhy ctg'hqt" vqr qi tcr j ke"cpcn{uku"cpf "o qf grkpi "kp"Gct yi "uwthceg"uekgpeguø"*Gct yi "Uwthceg"F { pco keu.*"4*3+."r r 0' 3690

Uo ký .'R0[%]4246+":Tgeqtf 'tckp''dtkpi u'f cpi gtqwu'hrcuj 'hrqqf kpi ''cpf ''utqpi ''y kpf u''q'P qtý gcuvá'' *PDE 'P gy u*0Cxckrcdrg''cv<u>c'j wr u
ty y y (pdepgy uleqo lpgy ulwu/pgy ultgeqtf/tckp/dtkpi u'</u>''

<u>f cpi gtqwu/hrcuj /hrqqf kpi /utqpi /y kpf u/pqtyj gcuv/tepc369743</u>0

Uqkd'Uwtxg{''Uvchd'*4245+'':Uqkd'Uwtxg{''I gqitcrjke'*UUWTI Q+'Fcvcdcugø0'PcwtcdTguqwtegu'' Eqpugtxcvkqp''Ugtxkeg.''Wpkgf''Uvcvgu'Fgrctvogpv'qh'Citkewnwtg''Uqkd'Uwtxg{''Uvchd0

Y kpvgtu. 'F 00 0*3; 94+'*Rkwudwt i j 't gf 'd gf u*<'u*t c vki t c r j { 'c pf 'unq r g'u c dkrks{ 'kp 'Cngi j gp{ 'Eqwpv{." Rgppu{ nxcpkc00 Ue''y guku. 'Wpkxgtuks{ ''qh'Rkwudwt i j .''Rgppu{ nxcpkc'*wpr wdn+0*





Impactful Resilient Infrastructure Science and Engineering Consortium

Gk Ubgcb[·]GW(cc^{··}cZ9b[]bYYf]b[

Ö^]ælq(^}q/(4/Ôāçā/sán)å/Ô}çā[}{^}a#(Ô}*ā)^*ā)^* ÏIGHÓ^}^å`{/Raa| HÏ€€ÁUqPaebaAÛd^^c Úãoo-à`¦*@ÉÁÚCEÁTÍGÎF

V @ Ag { { { (and } }} A { {] 3 (3) ~ 0.4 by A c B A { [5 ' (~) 0], no And S { { (and } A { [A (B ~ A) ~ 0], A {] 3 (3) ~ 0} } A { [3 ~ 0] ~ 0.4 by A {] 3 (3) ~ 0.4 by A