

The TanakhML Project

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Biblia Hebraica Stuttgartensia
Genesis 12-43

12 ¹ WA/Y.O70)MER Y:HWFH03)EL-)AB:RF80M LEK:-L:/KF91 M"/)AR:C:/KF71 W./MI/M.O75WLAD:T./:KF73 W./MI/B."74YT?)FBI92Y/KF)EL-HF/)F73REC):A\$E71R)AR:)/E75K.F00 ² W:/)E75(E&/:KF03 L:/GO74WY G.FDO80WL WA/):ABF74REK:/KF80? WA/):AGAD.:LF73H \$:M/E92KF WE/H:Y"73H B.:RFKF75H00 ³ WA/):ABF75R:AK/FH03 M:BF74R:KE80Y/KF W./M:QAL.EL:/KF73)F)O92R? W:/NIB:R:K74W. B:/KF80 K.O73L MI\$:P.:XO71T HF/):ADFMF75H00 ⁴ WA/Y."74LEK:)AB:RF81M K.A/):A\$E63R D.IB.E70R)"LFY/W03? Y:HWF80H WA/Y."71LEK:)IT./O73W LO92W+ W:/)AB:RF81M B.EN-XFM"70\$ \$FNIM03 W:/)IB:(I74YM \$FNF80H B.:/C")T/O73W? M"/XFRF75N00 ⁵ WA/Y.IQ.A74X)AB:RFM04)ET-&FRA63Y)IS:T./O61W W:/)ET-LO74W+ B.EN-)FXI81Y/W W:/)ET-K.FL-?R:KW.\$/FM03):A\$E74R RFKF80\$W. W:/)ET-HA/N.E73PE\$):A\$ER-(F&74W. B:/XFRF92N WA/Y."C):81W. LF/LE33KET03)A74R:C/FH? K.:NA80(AN WA/Y.FBO73)W.)A71R:C/FH K.:NF75(AN00 ⁶ WA/Y.A:(ABO70R)AB:RFM03 B.F/)F80REC 10(AD M:QO74WM \$:KE80M (A73D?)"LO74WN MOWRE92H W:/HA95/K.:NA(:ANI73Y)F71Z B.F/)F75REC00 ⁷ WA/Y."RF70) Y:HWFH03)EL-)AB:RF80M WA/Y.O85)MER? L:/ZA63R:(/AKF80)ET."73N)ET-HF/)F74REC HA/Z.O92)T WA/Y.I70BEN \$FM03 MIZ:B."80XA LA/YHWF73H HA/N.IR:)E71H)"LF75Y/W00? ⁸ WA/Y.A(:T."63Q MI/\$.F61M HF/HF81RFH MI/Q.E91DEM L:/B"75YT-"73L WA/Y."74+)FH:FL/O92H)q B."75YT-"70L MI/Y.FM03 W:/HF/(A74Y? MI/Q.E80DEM WA/Y.I75BEN-\$F70M MIZ:B."33XA03 LA95/YHWF80H WA/Y.IQ:RF73) B.:/"71M Y:HWF75H00 ⁹ WA/Y.IS.A74()AB:RF80M? HFLO71WK: W:/NFSO73W(A HA/N.E75G:B./FH00 ¹⁰ WA/Y:HI71Y RF(F73B B.F/)F92REC WA/Y."63RED)AB:RF70M MIC:RA33Y:M/FH03 LF/G74W.R \$F80M K.I75Y-KFB"71D? HF/RF(F73B B.F/)F75REC00 ¹¹ WA/Y:HI85Y K.A/):A\$E71R HIQ:R173YB LF/BO74W) MIC:RF92Y:M/FH WA/Y.O33)MER03)EL-?&FRA74Y)IS:T./O80W HIN."H-NF74) YFDA80(:T.IY K.I91Y)IS.F71H Y:PAT-MAR:)E73H)F75T.:00 ¹² W:/HFYF81H K.I75Y-?YIR:)70W.)OT/FK:03 HA/M.IC:RI80YM W:/)FM:R73W.)IS:T./O74W ZO92)T W:/HFR:G71W.)OT/I73Y W:/)OT/F71K: Y:XAY.75W.00? ¹³)IM:RIY-NF73)):AXO74TIY)F92T.: L:MA33(AN03 YI75Y+AB-L/I74Y BA:(ABW.R/"80K: W:/XFY:TF71H NAP:\$/I73Y B.IG:LFL/"75K:00? ¹⁴ WA/Y:HI85Y K.:/BO71W))AB:RF73M MIC:RF92Y:M/FH WA/Y.IR:)70W. HA/M.IC:RIYM03)ET-HF74/)IS.F80H K.I75Y-YFPF71H? HI73W) M:)O75D00 ¹⁵ WA/Y.IR:)70W.)OT/FH.03 &FR"74Y PAR:(O80H WA/Y:HA75L:L71W.)OT/F73H.)EL-P.AR:(O92H WA/T.UQ.A71X? HF/)IS.F73H B."71YT P.AR:(O75H00 ¹⁶ W:/L:/)AB:RF71M H"Y+I73YB B.A:(ABW.R/F92H. WA95/Y:HIY-LO70W CO)N-W/BFQFR03? WA/X:AMORI80YM WA/(:ABFDIYM03 W:/\$.PFXO80T WA/):ATON073T W:/G:MAL.I75YM00 ¹⁷ WA/Y:NAG.A63(Y:HWF94H05)ET-P.AR:(O91H? N:GF(I71YM G.:DOLI73YM W:/)ET-B."YT/O92W (AL-D.:BA71R &FRA73Y)"71\$SET)AB:RF75M00 ¹⁸ WA/Y.IQ:RF70)? PAR:(OH03 L:/)AB:RF80M WA/Y.O85)MER MAH-Z.O73)T (F&I74YTF L./I92Y 10LFM.FH LO)-HIG.A74D:T.F L./I80Y K.I71Y?)IS:T./:KF73 HI75W)00 ¹⁹ LFMF70H)FMA33R:T.F03):AXO74TIY HI80W) WF/)EQ.A71X)OT/F91H. L/I73Y L:/)IS.F92H W:/(AT.F85H? HIN."71H)IS:T./:KF73 QA71X WF/L"75K:00 ²⁰ WA/Y:CA71W (FLF91Y/W P.AR:(O73H):ANF\$I92YM WA95/Y:\$AL.:X71W.)OT/O91W W:/)ET-?)IS:T./O73W W:/)ET-K.FL-):A\$ER-L/O75W00 **13** ¹ WA/Y.A(AL04)AB:RF63M MI/M.IC:RA61YIM 14HW.) W:/)IS:T./O94W W:/KFL-):A\$ER-L/O91W W:/LO71W+ (IM./O73W? HA/N.E75G:B./FH00 ² W:/)AB:RF73M K.FB"74D M:)O92D B.A.M.IQ:NE85H B.A.K.E73SEP W./BA/Z.FHF75B00 ³ WA/Y."33LEK:03 L:/MAS.F(F80Y/W? MI/N.E73GEB W:/(AD-B."75YT-)92L (AD-HA/M.FQO81WM):A\$ER-HF63YFH \$F70M **)F95H:FL/OW03 B.A.T.:XIL.F80H B."71YN? B."75YT-"73L W./B"71YN HF/(F75Y00 ⁴)EL-M:/QOWM03 HA/M.IZ:B."80XA):A\$ER-(F71&FH \$F73M B.F/RI)\$ONF92H? WA/Y.IQ:RF71) \$F91M)AB:RF73M B.:/"71M Y:HWF75H00 ⁵ W:/GAM-L:/LO80W+ HA/HOL"73K:)ET-)AB:RF92M HFYF71H? CO)N-W/BFQF73R W:/)OHFLI75YM00 ⁶ W:/LO)-NF&F71))OT/F91M HF/)F73REC LF/\$E74BET YAX:D./F92W K.I75Y-HFYF70H? R:KW.\$/FM03 RF80B W:/LO71) YF75K:L73W. LF/\$E71BET YAX:D./F75W00 ⁷ WA95/Y:HIY-RI81YB 10B."YN RO("74Y MIQ:N"75H-?)AB:RF80M W./B"73YN RO("74Y MIQ:N"75H-LO92W+ W:/HA75/K.:NA(:ANIY03 W:/HA/P.:RIZ.I80Y)F73Z YO\$"71B B.F/)F75REC00? ⁸ WA/Y.O63)MER)AB:RF61M)EL-LO81W+)AL-NF63) T:HI70Y M:RIYBFH03 B."YN/I74Y W./B"YNE80Y/KF W./B"71YN RO(A73Y? W./B"74YN RO(E92Y/KF K.I75Y-):ANF\$I71YM)AXI73YM):ANF75X:NW.00 ⁹ H:A/LO70) KFL-HF/)F33REC03 L:/PFNE80Y/KF HIP.F71RED? NF73) M"/(FLF92Y)IM-HA/&.:MO74)L W:/)YMI80N/FH

HA/Y.FMI73YN W:/)A&:M:)I75YL/FH00 10 WA/Y.I&.F)-LO74W+?)ET-("YNF81Y/W
 WA/Y.AR:)03)ET-K.FL-K.IK.A74R HA/Y.AR:D."80N K.I71Y KUL./F73H. MA\$:QE92H
 LI/P:N"74Y05 \$AX"74T? Y:HWF81H)ET-S:DOM03 W:/)ET-(AMORF80H
 K.:/GAN-Y:HWFH03 K.:/E74REC MIC:RA80YIM B.O):AKF73H CO75(AR00?
 11 WA/Y.IB:XAR-L/O74W LO81W+ 10)"T K.FL-K.IK.A74R HA/Y.AR:D."80N WA/Y.IS.A71(
 LO73W+ MI/Q.E92DEM WA/Y.IP.F74R:D80W.)I73Y\$? M"/(A71L)FXI75Y/W00
 12)AB:RF73M YF\$A74B B.:/E75REC-K.:NF92(AN W:/LO81W+ YF\$AB03 B.:/(FR"74Y
 HA/K.IK.F80R? WA/Y.E):EHA73L (AD-S:DO75M00 13 W:/)AN:\$"74Y S:DO80M RF(I73YM
 W:/XA+.F)I92YM LA/YHWF73H M:)O75D00? 14 WA95/YHWF62H)FMA74R
)EL-)AB:RF81M)AX:AR"Y03 HIP.F75RED-LO74W+ M"95/(IM./O80W &F74) NF70)
 ("YNE33Y/KF03? W./R:)80H MIN-HA/M.FQO73WM):A\$ER-)AT.F74H \$F92M
 CFPO71N/FH WF/NE73G:B.FH WF/Q"71D:M/FH WF/YF75M./FH00 15 K.I94Y?
)ET-K.FL-HF/)F91REC):A\$ER-)AT.F71H RO)E73H L:/KF74)ET.:N/E92N.FH
 W.75L:/ZAR:(/AKF73 (AD-(OWLF75M00? 16 W:/&AM:T.I71Y)E75T-ZAR:(/AKF73
 K.A:(/APA74R HF/)F92REC):A\$E74R05)IM-YW.KA74L)I81Y\$ LI/M:NOWT03
)ET-?(/APA74R HF/)F80REC G.A75M-ZAR:(/AKF73 YIM.FNE75H00 17 10QW.M
 HIT:HAL."74K: B.F/)F80REC L:/FR:K./F73H.? W./L:/RFX:B./F92H. K.I71Y L:/KF73
)ET.:N/E75N.FH00 18 WA/Y.E):EHA74L)AB:RF81M WA/Y.FBO91) WA/Y."91\$EB
 B.:/"LON"71Y MAM:R"73)?):A\$E74R B.:XEB:RO92WN WA/Y.I75BEN-\$F71M
 MIZ:B."73XA LA95/YHWF75H00 14 1 WA/Y:HI81Y B.I/YM"Y03)AM:RFPE74L
 ME75LEK:-\$IN:(F80R)AR:YO73WK: ME74LEK:)EL.FSF92R? K.:DFR:LF(O33MER03
 ME74LEK: ("YLF80M W:/TID:(F73L ME71LEK: G.OWYI75M00 2 (F&74W. MIL:XFMF81H
)ET-?B.E33RA(03 ME74LEK: S:DO80M W:/)ET-B.IR:\$A73(ME74LEK: (:AMORF92H
 \$IN):F74B05 ME74LEK:)AD:MF81H W:/SEM:)33BER03 ME74LEK: **C:BOWYI80YM]3
 W./ME71LEK: B.E73LA(HIY)-CO75(AR00 3 K.FL-)33L.EH03 XF75B:R80W.?)EL-("73MEQ
 HA/&.ID.I92YM H73W.) YF71M HA/M.E75LAX00 4 \$:T."70YM (E&:R"H03 \$FNF80H
 (FB:D73W.)ET-?K.:DFR:LF(O92MER W./\$:LO\$-(E&:R"71H \$FNF73H MFRF75DW.00
 5 W./B:/)AR:B.A(04 (E&:R"63H \$FNF61H B.F74)? K.:DFR:LF(O81MER W:/HA/M.:LFKIYM03
):A\$E74R)IT./O80W WA/Y.AK.70W.)ET-R:PF)IYM03 B.:/(A\$:T.:RO74T QAR:NA80YIM?
 W:/)ET-HA/Z.W.ZI73YM B.:/HF92M W:/)T03 HF95/)"YMI80YM B.:/\$FW"73H
 QIR:YFTF75YIM00 6 W:/)ET-HA/XORI73Y? B.:/HAR:R/F74M &"(I92YR 10(AD)"74YL
 P.F)RF80N):A\$E73R (AL-HA/M.ID:B.F75R00 7 14WA/Y.F\$UBW. WA/Y.FBO61)W.?
)EL-("70YN MI\$:P.F+03 HI74W) QFD"80\$ WA/Y.AK.85W.)E75T-K.FL-&:D"73H
 HF/(AMFL"QI92Y W:/GAM03)ET-?HF74/):EMORI80Y HA/Y.OS"73B B.:/XA75C:CO71N
 T.FMF75R00 8 WA/Y."C"63) ME75LEK:-S:DO61M W./ME74LEK: (:AMORF81H
 W./ME70LEK:?)AD:MFH03 W./ME74LEK: **C:BOWYI80M W./ME71LEK: B.E73LA(
 HIW)-CO92(AR WA/Y.A75(AR:K70W.)IT./FM03 MIL:XFMF80H? B.:/"73MEQ
 HA/&.ID.I75YM00 9)"74T K.:DFR:LF(O61MER ME74LEK: ("YLF81M W:/TID:(FL03
 ME74LEK: G.OWYI80M? W:/)AM:RFPEL03 ME74LEK: \$IN:(F80R W:/)AR:YO73WK:
 ME74LEK:)EL.FSF92R)AR:B.F(F71H M:LFKI73YM)ET-?HA/X:AMIS.F75H00
 10 W:/("74MEQ HA/&.ID.I81YM]1 B.E95):ERO70T B.E):EROT03 X"MF80R WA/Y.FNU91SW.
 ME75LEK:-S:DO71M? WA/(:AMORF73H WA/Y.IP.:LW.-\$F92M./FH W:/HA/N.IS):FRI73YM
 HE71R/FH N.F75SW.00 11 14WA/Y.IQ:XW.)ET-K.FL-R:KU63\$? S:DO94M
 WA/(:AMORF91H W:/)ET-K.FL-)FK:L/F73M WA/Y."L"75KW.00 12 WA/Y.IQ:X63W.
)ET-LO94W+ W:/)ET-R:KU\$/O91W? B.EN-):AXI71Y)AB:RF73M WA/Y."L"92KW.
 W:/H71W.) YO\$"73B B.I/S:DO75M00 13 WA/Y.FBO)03 HA/P.FLI80Y+? WA/Y.AG."73D
 L:/)AB:RF74M HF/(IB:RI92Y W:/HW.)04 \$OK"63N B.:/"75LON"61Y MAM:R"74)
 HF/):EMORI81Y):AXI70Y)E\$:K.OL03? WA/):AXI74Y (FN"80R W:/H"73M B.A:(AL"71Y
 B:RIYT-)AB:RF75M00 14 WA/Y.IS:MA74()AB:RF80M K.I71Y NI\$:B.F73H)FXI92Y/W?
 WA/Y.F63REQ)ET-X:ANIYKF61Y/W Y:LIYD"74Y B"YT/O81W \$:MONF70H (F&FR03
 W./\$:LO74\$ M")O80WT WA/Y.IR:D.O73P (AD-?D.F75N00 15 WA/Y."XFL"63Q
 (:AL"Y/HE94M05 LA91Y:LFH H71W.) WA/(:ABFDF73Y/W WA/Y.AK./"92M
 WA95/Y.IR:D.:P/"M03 (AD-XOWBF80H?):A\$E71R MI/&.:MO73)L L:/DAM.F75&EQ00
 16 WA/Y.F85\$EB)"73T K.FL-HF/R:KU92\$ W:/GAM04)ET-LO63W+)FXI70Y/W?
 W./R:KU\$/OW03 H"\$I80YB W:/GA71M)ET-HA/N.F\$I73YM W:/)ET-HF/(F75M00
 17 WA/Y."C"74) ME75LEK:-S:DOM02? LI/Q:RF)T/OW01)AX:AR"74Y \$W.B/O81W
 M"95/HAK.OWT03)ET-K.:DFR-LF(O80MER]1 W:/)ET-HA/M.:LFKI73YM):A\$E74R?

)IT./O92W)EL-("74MEQ \$FW"80H H73W.) ("71MEQ HA/M.E75LEK:00
 18 W./MAL:K.IY-CE33DEQ03 ME74LEK: \$FL"80M? HOWCI73Y) LE74XEM WF/YF92YIN
 W:/H71W.) KOH"73N L:/"71L (EL:YO75WN00 19 WA95/Y:BFR:K/"73HW. WA/Y.O)MA92R?
 B.FR70W.K:)AB:RFM03 L:/"74L (EL:YO80WN QON"73H \$FMA71YIM WF/)F75REC00
 20 W./BFRW.K:03)"74L (EL:YO80WN):ASER-MIG."71N CFRE73Y/KF B.:YFD/E92KF?
 WA/Y.IT.EN-L/O71W MA:(A&"73R MI/K.O75L00 21 WA/Y.O71)MER ME75LEK:-S:DO73M
)EL-)AB:RF92M T.EN-L/I74Y HA/N.E80PE\$? W:/HF/R:KU73\$ QA75X-L/F75K:00
 22 WA/Y.O71)MER)AB:RF73M)EL-ME74LEK: S:DO92M H:ARIYMO63TIY YFDI70Y
)EL-?Y:HWFH03)"74L (EL:YO80WN QON"73H \$FMA71YIM WF/)F75REC00
 23)IM-MI/XW.+03 W:/(A74D &:RO75WK:-NA80(AL? W:/)IM-)EQ.A73X
 MI/K.FL-):ASER-L/F92K: W:/LO74) TO)MA80R):ANI73Y HE:(ESA71R:T.IY
)ET-)AB:RF75M00? 24 B.IL:(FD/A81Y 10RAQ):A\$E74R)F95K:L74W. HA/N.:(FRI80YM
 W:/X"33LEQ03 HF95/):ANF\$180YM):A\$E71R HFL:K73W.)IT./I92Y? (FN"R03)E\$:K.O74L
 W./MAM:R"80) H"73M YIQ:X71W. XEL:Q/F75M00 15 1)AXA74R05 HA/D.:BFRI74YM
 HF/)81L.EH HFYF70H D:BAR-Y:HWFH03)EL-)AB:RF80M B.A95/M.AX:AZE73H?
 L"/)MO92R)AL-T.IYRF74))AB:RF81M)FNOKIY03 MFG"74N L/F80K: &:KFR:/KF73
 HAR:B."71H M:)O75D00 2 WA/Y.O74)MER?)AB:RF81M):ADONF70Y Y:EHWIH03
 MAH-T.IT.EN-L/I80Y W:/)FNOKI73Y HOWL"74K: (:ARIYRI92Y W:/BEN-ME74\$EQ
 B."YTI80Y? H73W.) D.AM.E71&EQ):ELIY(E75ZER00 3 WA/Y.O74)MER)AB:RF80M
 H"74N L/I80Y LO71) NFTA73T.FH ZF92RA(W:/HIN."71H? BEN-B."YT/I73Y YOWR"71\$
)OT/I75Y00 4 W:/HIN."63H D:BAR-Y:HWF70H)"LFY/W03 L"/)MO80R LO71)
 YI75YRF\$:KF73 ZE92H? K.IY-)IM03):A\$E74R Y"C"74) MI/M."(E80Y/KF H73W.)
 YI75YRF\$/E75KF00 5 WA/Y.OWC"63))OT/O61W HA/X81W.C/FH WA/Y.O33)MER03?
 HAB.E+-NF74) HA/\$.FMA81Y:M/FH W:/S:POR03 HA/K.O74WKFB180YM)IM-T.W.KA73L
 LI/S:P.O74R)OT/F92M WA/Y.O74)MER L/O80W? K.O71H YIH:YE73H ZAR:(/E75KF00
 6 W:/HE):EMI73N B.A95/YHWF92H WA/Y.AX:\$:B/E71HF L./O73W C:DFQF75H00
 7 WA/Y.O73)MER)"LF92Y/W?):ANI74Y Y:HWF81H):A\$E70R HOWC")TI33Y/KF03
 M"/)74W.R K.A&:D.I80YM LF94/TET L:/KF91)ET-HF/F71REC HA/Z.O73)T?
 L:/RI\$:T./F75H.00 8 WA/Y.O)MA92R):ADONF74Y Y:EHWI80H B.A/M.F71H)"DA73(
 K.I71Y)I95YRF\$E75N./FH00 9 WA/Y.O74)MER?)"LF81Y/W Q:X/F71H L/IY03 (EG:LF74H
 M:\$UL.E80\$ET W:/("71Z M:\$UL.E73\$ET W:/)A74YIL M:\$UL.F92\$ W:/TO73R
 W:/GOWZF75L00? 10 WA/Y.I75Q.A75X-L/O74W)ET-K.FL-)81L.EH WA/Y:BAT."70R
)OT/FM03 B.A/T.F80WEK: WA/Y.IT."71N)IY\$-B.IT:RO73W LI/Q:RA74)T? R"/("92HW.
 W:/)ET-HA/CIP.O73R)1 LO71) BFTF75R00 11 WA/Y."71RED HF/(A73YI+
 (AL-HA/P.:GFRI92YM WA/Y.A\$."71B?)OT/F73M)AB:RF75M00 12 WA/Y:HI70Y
 HA/\$.E33ME\$03 LF/BO80W) W:/TAR:D."M/F73H NFP:LF74H (AL-)AB:RF92M
 W:/HIN."71H?)"YMF91H X:A\$ "KF71H G:DOLF73H NOPE71LET (FLF75Y/W00
 13 WA/Y.O74)MER L:/)AB:RF81M YFDO63(A T."DA61(K.IY-?G"74R05 YIH:YE74H
 ZAR:(/AKF81 B.:)E33REC03 LO74) L/FHE80M WA/(:ABFD73W./M W:/(IN.74W.)OT/F92M
)AR:B.A71(M")O73WT? \$FNF75H00 14 W:/GA94M)ET-HA/G.O91WY):A\$E71R
 YA:(ABO73DW. D.F74N)FNO92KIY W:/)AX:AR"Y-K"71N Y"C:)73W. B.I/R:KU71\$?
 G.FDO75WL00 15 W:/)AT.F91H T.FBO71W))EL-):ABOTE73Y/KF B.:/\$FLO92WM
 T.IQ.FB"73R B.:/&"YBF71H +OWBF75H00? 16 W:/DO71WR R:BIY(I73Y YF\$74W.BW.
 H"92N./FH K.I94Y LO)-\$FL"91M (:AWO71N HF):EMORI73Y (AD-H"75N./FH00
 17 WA/Y:HI70Y? HA/\$.E33ME\$03 B.F80)FH WA/(:ALF+F73H HFYF92H W:/HIN."63H
 TAN.70W.R (F\$FN03 W:/LAP.I74YD)"80\$):A\$E74R (FBA80R B."73YN? HA/G.:ZFRI71YM
 HF/"75L.EH00 18 B.A/Y.O74WM HA/H81W.) K.FRA94T Y:HWF91H)ET-)AB:RF73M
 B.:RI74YT L"/)MO92R? L:/ZAR:(/AKF81 NFTA33T.IY03)ET-HF/)F74REC HA/Z.O80)T
 MI/N.:HA74R MIC:RA80YIM (AD-HA/N.FHF71R HA/G.FDO73L? N:HAR-P.:RF75T00
 19)ET-HA/Q."YNIY03 W:/)ET-HA/Q.:NIZ.I80Y W:/)"73T HA/Q.AD:MONI75Y00
 20 W:/)ET-HA/XIT.I71Y? W:/)ET-HA/P.:RIZ.I73Y W:/)ET-HF/R:PF)I75YM00
 21 W:/)ET-HF95/):EMORIY03 W:/)ET-HA95/K.:NA:(ANI80Y W:/)ET-?HA/G.IR:G.F\$173Y
 W:/)ET-HA/Y:BW.SI75Y00 16 1 W:/&FRAY03)"74\$SET)AB:RF80M LO71) YFL:DF73H
 L/O92W W:/L/F91H. \$IP:XF71H MIC:RI73YT W:/\$.M/F71H.? HFGF75R00 2 WA/T.O63)MER
 &FRA61Y)EL-)AB:RF81M HIN."H-NF62) (:ACFR/A70NIY Y:HWFH03 MI/L.E80DET
 B.O)-NF03?)EL-\$IP:XFT/I80Y)W.LA71Y)IB.FNE73H MI/M."/92N.FH)1 WA/Y.I\$:MA71(
)AB:RF73M L:/QO71WL &FRF75Y00 3 WA/T.IQ.A62X? &FRA74Y)"75\$SET-)AB:RF81M

)ET-HFGF70R HA/M.IC:RIYT03 \$IP:XFT/F80H. MI/Q."C03 (E74&ER \$FNI80YM?
 L:/E71BET)AB:RF73M B.:/E74REC K.:NF92(AN WA/T.IT."71N)OT/F91H. L:/)AB:RF71M
)IY\$F73H. L/O71W L:/)I\$.F75H00? 4 WA/Y.FBO71))EL-HFGF73R WA/T.A92HAR
 WA/T."33RE)03 K.I74Y HFRF80TFH WA/T."QA71L G.:BIR:T./F73H. B.:/("YNE75Y/HF00?
 5 WA/T.O63)MER &FRA74Y)EL-)AB:RFM02 X:AMFSI74Y (FLEY/KF01)FNOKI81Y
 NFTA70T.IY \$IP:XFTIY03 B.:/X"YQ/E80KF? WA/T."33RE)03 K.I74Y HFRF80TFH
 WF/"QA73L B.:/("YNE92Y/HF YI\$:P.O71+ Y:HWF73H B."YN/I71Y
 W./B"YNE75Y52/KF00]4 6 WA/Y.O63)MER?)AB:RF61M)EL-&FRA81Y HIN."70H
 \$IP:XFT/"K:03 B.:/YFD/"80K: (:A&IY-L/F73H. HA/+O74WB B.:/("YNF92Y/HF:
 WA/T.:(AN.E74HF? &FRA80Y WA/T.IB:RA73X MI/P.FNE75Y/IK0
 7 WA75/Y.IM:CF/F62H. MAL:)A94K: Y:HWF91H (AL-("71YN HA/M.A73YIM
 B.A/M.ID:B.F92R? (AL-HF/(A73YIN B.:/DE71REK: \$75W.R00 8 WA/Y.O)MA81R HFGF62R
 \$IP:XA71T &FRA91Y)"75Y-MI/Z.E71H BF73)T W:/)F74N/FH? T"L"92KIY WA/T.O85)MER
 MI/P.:N"Y03 &FRA74Y G.:BIR:T.I80Y)FNOKI73Y B.OA75XAT00 9 WA/Y.O70)MER
 L/FH.03 MAL:)A74K:? Y:HWF80H \$73W.BIY)EL-G.:BIR:T./"92K: W:/HIT:(AN.I73Y
 T.A71XAT YFDE75Y/HF00 10 WA/Y.O70)MER L/FH.03 MAL:)A74K:? Y:HWF80H
 HAR:B.F71H)AR:B.E73H)ET-ZAR:("92K: W:/LO71) YIS.FP"73R M"/RO75B00
 11 WA/Y.O70)MER L/FH.03? MAL:)A74K: Y:HWF80H? HIN./F71K: HFRF73H
 W:/YOLA74D:T.: B."92N W:/QFRF70)T \$:M/OW03 YI\$:MF("80)L? K.I75Y-\$FMA71(
 Y:HWF73H)EL-(FN:Y/"75K:00 12 W:/H70W.) YIH:YEH03 P.E74RE))FDF80M YFD/O74W
 BA/K.O80L W:/YA71D K.O73L B./O92W? W:/)AL-P.:N"71Y KFL-)EXF73Y/W
 YI\$:K.O75N00 13 WA/T.IQ:RF70) "\$M-Y:HWFH03 HA/D.OB"74R)"LE80Y/HF)AT.F73H
)"74L R:F)I92Y K.I74Y)F95M:RF81H H:A/GA71M? H:ALO91M RF)I73YTIY)AX:AR"71Y
 RO)I75Y00 14 (AL-K."N03 QFRF74) LA/B.:)"80R B.:/)71R LA/XA73Y RO)I92Y? HIN."71H
 B"YN-QFD"73\$ W./B"71YN B.F75RED00 15 WA/T."94LED HFGF91R L:/)AB:RF73M B."92N
 WA/Y.IQ:RF63))AB:RF94M? \$EM-B.:N/O91W):A\$ER-YFL:DF71H HFGF73R
 YI\$:MF("75)L00 16 W:/)AB:RF85M B.EN-\$:MONI71YM \$FNF73H W:/"\$74\$? \$FNI92YM
 B.:LE75DET-HFGF71R)ET-YI\$:MF("73)L L:/)AB:RF75M00 17 1 WA/Y:HI74Y)AB:RF80M
 B.EN-T.I\$:I71YM \$FNF73H W:/T"74\$A(\$FNI92YM WA/Y."RF63) Y:HWF61H
)EL-)AB:RF81M WA/Y.O70)MER)"LFY/W03):ANIY-)"74L \$AD.A80Y HIT:HAL."71K:
 L:/PFNA73Y WE/H:Y"71H TFMI75YM00 2 W:/)ET.:N/F71H? B:RIYT/I73Y B."YNI74Y
 W./B"YN/E92K W:/)AR:B.E71H)OWT:/KF73 B.I/M:)O71D M:)O75D00 3 WA/Y.IP.O71L
)AB:RF73M (AL-?P.FNF92Y/W WA/Y:DAB."71R)IT./O91W):ELOHI73YM L"/)MO75R00
 4):ANI85Y HIN."71H B:RIYT/I73Y)IT./F92K: W:/HFYI85YTF L:/)A73B? H:AMO71WN
 G.OWYI75M00 5 W:/LO)-YIQ.FR"71) (O91WD)ET-\$IM/:KF73)AB:RF92M W:/HFYF70H
 \$IM/:KF03)AB:RFHF80M? K.I91Y)AB-H:AMO71WN G.OWYI73M N:TAT.I75Y/KF00
 6 W:/HIP:R"TI70Y)O75T:/KF03 B.I/M:)O74D M:)O80D W./N:TAT.I73Y/KF L:/GOWYI92M?
 W./M:LFKI73YM MI/M.:/KF71 Y"C"75)W.00 7 WA/H:AQIMOTI63Y)ET-B.:RIYT/I61Y
 B."YN/I74Y W./B"YN/E81KF W./B"63YN ZAR:(/:AKF94?)AX:ARE91Y/KF
 L:/DOROT/F73M LI/B:RI74YT (OWLF92M LI/H:YO70WT L:/KF03 L"75/)LOHI80YM
 W.75L:/ZAR:(/:AKF73)AX:ARE75Y/KF00? 8 W:/NFTAT.I74Y 14L:/KF
 W./L:/ZAR:(/:AKF63]3)AX:ARE61Y/KF)"74T05)E74REC M:GURE81Y/KF 10)"T
 K.FL-)E74REC K.:NA80(AN? LA):AXUZ.A73T (OWLF92M W:/HFYI71YTIY L/FHE73M
 L"/)LOHI75YM00 9 WA/Y.O70)MER):ELOHIYM03)EL-)AB:RFHF80M? W:/)AT.F73H
)ET-B.:RIYT/I74Y TI\$:MO92R)AT.F91H W:/ZAR:(/:AKF71)A95X:ARE73Y/KF
 L:/DOROT/F75M00 10 ZO74)T? B.:RIYT/I62Y):ASE74R T.I\$:M:R81W. B."YN/IY03
 W./B"74YN"Y/KE80M W./B"71YN ZAR:(/:AKF73)AX:ARE92Y/KF HIM.O71WL
 L/FKE73M? K.FL-ZFKF75R00 11 W./N:MAL:T.E85M)"73T B.:&A74R (FR:LAT:/KE92M
 W:/HFYFH03 L:/)O74WT B.:RI80YT B."YN/I73Y? W./B"YN"Y/KE75M00
 12 W./BEN-\$:MONA74T YFMI81YM YIM.O71WL L/FKE91M K.FL-ZFKF73R
 L:/DOROT"Y/KE92M Y:LI74YD? B.F80YIT W./MIQ:NAT-K.E33SEP03 MI/K.O74L
 B.EN-N"KF80R):A\$E91R LO71) MI75/Z.AR:(/:AKF73 H75W.)00 13 HIM.O94WL05?
 YIM.O91WL Y:LI71YD B."95YT:/KF73 W./MIQ:NA74T K.AS:P./E92KF W:/HFY:TF94H
 B:RIYT/I91Y B.I/B:&AR:/KE73M LI/B:RI71YT? (OWLF75M00 14 W:/)FR"74L05 ZFKF81R
):A\$E70R LO75)-YIM.OWL03)ET-B.:&A74R (FR:LFT/O80W W:/NIK:R:TF91H?
 HA/N.E71PE\$ HA/Hi73W) M"/(AM.E92Y/HF)ET-B.:RIYT/I73Y H"PA75R00
 15 WA/Y.O70)MER):ELOHIYM03?)EL-)AB:RFHF80M &FRA74Y)I\$:T.:KF80

TIQ:RF71))ET-\$:M/F73H. &FRF92Y K.I71Y &FRF73H \$:M/F75H.00? ¹⁶ W./B"RAK:T.I74Y)OT/F80H. W:/GA63M NFTA94T.IY MI/M./E91N.FH L:/KF73 B."92N W./B"75RAK:T.I33Y/HF03 W:/HF75Y:TF74H L:/GOWYI80M? MAL:K"71Y (AM.I73YM MI/M./E71N.FH YIH:Y75W.00 ¹⁷ WA/Y.IP.O94L)AB:RFHF91M (AL-P.FNF73Y/W WA/Y.IC:XF92Q WA/Y.O74)MER? B.:/LIB./O81W HA/L.:/BE70N M")F75H-\$FNFH03 YIW.FL"80D W:/)I63M-&FRF80H H:A/BAT-T.I\$:(I71YM \$FNF73H T."L"75D00? ¹⁸ WA/Y.O71)MER)AB:RFHF73M)EL-HF95/):ELOHI92YM L71W. YI\$:MF("73)L YIX:YE71H L:/PFNE75Y/KF00? ¹⁹ WA/Y.O74)MER):ELOHI81YM):ABFL03 &FRF74H)I\$T./:KF81 YOLE70DET L:/KF03 B."80N W:/QFRF71)TF)ET-\$:M/O73W? YIC:XF92Q WA/H:AQIMOTI63Y)ET-B.:RIYT/I71Y)IT./O91W LI/B:RI71YT (OWLF73M L:/ZAR:(/O71W)AX:ARF75YW00? ²⁰ W.75/L:/YI\$:MF(")L02]3 \$:MA:(T.IY/KF01 HIN."74H05 B."RA74K:T.IY)OT/O81W W:/HIP:R"YTI71Y)OT/O91W W:/HIR:B."YTI71Y?)OT/O73W B.I/M:)O74D M:)O92D \$:N"YM-(F&F70R N:&IY)IM03 YOWLI80YD W./N:TAT.I73Y/W L:/GO71WY G.FDO75WL00 ²¹ W:/)ET-?B.:RIYT/I73Y)FQI74YM)ET-YIC:XF92Q):A\$ER04 T."L"63D L:/KF70 &FRFH03 LA/M.OW("74D HA/Z.E80H B.A/\$.FNF73H? HF/)AXE75RET00 ²² WA/Y:KA73L L:/DAB."74R)IT./O92W WA/Y.A74(AL):ELOHI80YM M"/(A73L)AB:RFHF75M00? ²³ WA/Y.IQ.A63X)AB:RFHF61M)ET-YI\$:MF("74)L B.:N/O81W W:/)63T K.FL-Y:LIYD"70Y B"YT/OW03 W:/)T03 K.FL-?MIQ:NA74T K.AS:P./O80W K.FL-ZFKF85R B.:)AN:\$"73Y B."74YT)AB:RFHF92M WA/Y.F61MFL)ET-B.:&A74R (FR:LFT/F81M? B.:/(E33CEM03 HA/Y.O74WM HA/Z.E80H K.A):A\$E91R D.IB.E71R)IT./O73W):ELOHI75YM00 ²⁴ W:/)A63B:RFHF80M B.EN-T.I\$:(I71YM? WF/T"73\$(\$FNF92H B.:/HIM.OL/O73W B.:&A71R (FR:LFT/O75W00 ²⁵ W:/YI\$:MF("74)L B.:N/O80W B.EN-\$LO71\$ (E&R"73H? \$FNF92H B.:/HI63M.OL/O80W)"73T B.:&A71R (FR:LFT/O75W00 ²⁶ B.:/(E33CEM03 HA/Y.O74WM HA/Z.E80H NIM.O73WL)AB:RFHF92M? W:/YI\$:MF("73)L B.:N/O75W00 ²⁷ W:/KFL-)AN:\$"70Y B"YT/OW03 Y:LI74YD B.F80YIT W./MIQ:NAT-K.E73SEP M"/)"74T B.EN-?N"KF92R NIM.O73LW.)IT./O75W00 **18** ₁ WA/Y."RF70))LFY/W03 Y:HWF80H B.:)"LON"73Y MAM:R"92) W:/H91W.) YO\$71B P.E75TAX-HF/)O73HEL? K.:/XO71M HA/Y.O75WM00 ² WA/Y.I&F70) ("YNFY/W03 WA/Y.A80R:) W:/HIN."H03 \$:LO\$F74H):ANF\$180YM NIC.FBI73YM (FLF92Y/W WA/Y.A81R:)? WA/Y.F70RFC LI/Q:RF)T/FM03 MI/P.E74TAX HF/)O80HEL WA/Y.I\$T.A73XW.)F75R:C/FH00 ³ WA/Y.O)MA92R):ADONF81Y)IM-NF63)? MFCF70)TIY X"N03 B.:/"YNE80Y/KF)AL-NF71) TA:(ABO73R M"/(A71L (AB:D./E75KF00 ⁴ YUQ.A75X-NF74) M:(A+-?MA80YIM W:/RAX:AC73W. RAG:L"Y/KE92M W:/HI75\$.F:AN73W. T.A71XAT HF("75C00 ⁵ W:/)EQ:X/F63H PAT-LE61XEM W:/SA:(AD70W.? LIB./:KEM03)AXA74R T.A:(ABO80RW. K.I75Y-(AL-K."71N (:ABAR:T.E73M (A75L-(AB:D.:/KE92M WA/Y.O74)M:R80W. K."71N? T.A:(A&E73H K.A):A\$E71R D.IB.A75R:T.F00 ⁶ WA/Y:MAH"94R)AB:RFHF91M HF/)O73H:EL/FH)EL-&FRF92H WA/Y.O81)MER? MAH:ARI62Y \$:LO70\$ S:)IYM03 QE74MAX SO80LET L73W.\$IY WA/(:A&I71Y (UGO75WT00 ⁷ W:/)EL-HA/B.FQF73R RF74C?)AB:RFHF92M WA/Y.IQ.A63X B.EN-B.FQF61R RA70K: WF/+OWB03 WA/Y.IT."74N)EL-HA/N.A80(AR WA/Y:MAH"73R LA/(:A&O71WT)OT/O75W00? ⁸ WA/Y.IQ.A63X XEM:)F61H W:/XFLF81B W./BEN-HA/B.FQFR03):A\$E74R (F&F80H WA/Y.IT."73N LI/P:N"Y/HE92M W:/H75W.)-(OM"94D? (:AL"Y/HE91M T.A71XAT HF("73C WA/Y.O)K"75LW.00 ⁹ WA/Y.O)M:R74W.)"52LF8052Y52/W52]4)AY."73H &FRF74H)I\$:T./E92KF WA/Y.O73)MER? HIN."71H BF/)O75HEL00 ¹⁰ WA/Y.O81)MER \$O74WB)F\$70W.B)"LE33Y/KF03 K.F("74T XAY.F80H W:/HIN."H-B"73N L:/&FRF74H?)I\$:T./E92KF W:/&FRF71H \$OMA91(AT P.E71TAX HF/)O73HEL W:/H71W.))AX:ARF75Y/W00 ¹¹ W:/)AB:RFHF70M W:/&FRFH03? Z:Q"NI80YM B.F)I73YM B.A/Y.FMI92YM XFDAL03 LI/H:YO74WT L:/&FRF80H)O73RAX K.A/N.F\$175YM00 ¹² WA/T.IC:XA71Q? &FRF73H B.:/QIR:B./F74H. L"/)MO92R)AX:AR"70Y B:LOTIY03 HF95Y:TFH-L./I74Y (ED:NF80H WA95)/DONI73Y ZFQ"75N00? ¹³ WA/Y.O71)MER Y:HWF73H)EL-)AB:RFHF92M LF74/M.FH Z.EH04 CFX:AQF63H &FRF61H L"/)MO81R HA/)A71P)UM:NF91M?)"L"73D WA/):ANI71Y ZFQA75N:T.IY00 ¹⁴ H:A/YIP.FL"71) M"/Y:HWF73H D.FBF92R LA/M.OW("62D)F\$71W.B)"LE91Y/KF K.F("71T? XAY.F73H W./L:/&FRF71H B"75N00 ¹⁵ WA/T.:KAX"63\$ &FRF94H05 L"/)MO91R LO71) CFXA73Q:T.IY K.I74Y05 YFR"92)FH WA/Y.O71)MER05? LO73) K.I71Y CFXF75Q:T.:00 ¹⁶ WA/Y.FQU70MW. MI/\$.FM03 HF95/):ANF\$180YM WA/Y.A\$QI73PW. (AL-P.:N"74Y S:DO92M? W:/)A63B:RFHF80M

HOL"71K: (IM./F73M L:/\$AL.:X/F75M00¹⁷ WA75/YHOWF73H)FMF92R
 HA95/M.KAS.E70H):ANIY03 M"95/)AB:RFHF80M?):A\$E73R):ANI71Y (O&E75H00
¹⁸ W:/)A63B:RFHF80M W:/)A63B:RFHF80M HFYO94W HFYO94W YI75H:YE91H
 YI75H:YE91H L:/GO71WY L:/GO71WY G.FDO73WL G.FDO73WL W:/(FC92W.M
 W:/(FC92W.M W:/NI63B:R:KW. W:/NI63B:R:KW. K.O73L B/O80W? G.OWY"71Y K.O73L
 HF/)F75REC00 G.OWY"71Y HF/)F75REC00¹⁹ K.I74Y Y:DA:(T.I81Y/W L:MA(AN04
):A\$E63R Y:CAW.E61H)ET-B.FNF70Y/W W:/)ET-B."YT/OW03?)AX:ARF80Y/W
 W:/\$F75M:RW.03 D.E74REK: Y:HWF80H LA/(:A&O71WT C:DFQF73H W./MIS:P.F92+
 L:MA81(AN HFBI70Y) Y:HWFH03? (AL-)AB:RFHF80M)"71T):A\$ER-D.IB.E73R
 (FLF75Y/W00²⁰ WA/Y.O74)MER Y:HWF80H ZA(:AQA91T S:DO71M? WA/(:AMORF73H
 K.IY-RF92B.FH W:/XA63+.F)T/F80M K.I71Y KFB:DF73H M:)O75D00
²¹)"75R:AD/FH-N.F74) W:/)ER:)E80H? HA/K.:/CA:(AQFT/F91H. HA/B.F71)FH)"LA73Y
 (F&74W.05 K.FLF92H W:/)IM-LO73))"DF75(FH00²² WA/Y.IP:N70W. MI/\$.FM03?
 HF95):ANF\$180YM WA/Y."L:K73W. S:DO92M/FH W:/)A63B:RFHF80M (OWD/E71N.W.
 (OM"73D LI/P:N"71Y Y:HWF75H00²³ WA/Y.IG.A71\$?)AB:RFHF73M WA/Y.O)MA92R
 HA/A74P T.IS:P.E80H CAD.I73YQ (IM-RF\$F75(00²⁴)W.LA71Y Y"91\$ X:AMIS.I71YM?
 CAD.IYQI73M B.:/TO74WK: HF/(I92YR HA/A70P T.IS:P.EH03 W:/LO)-TI&.F74)
 LA/M.FQO80WM L:MA91(AN X:AMIS.I71YM? HA/C.AD.IYQI73M):A\$E71R
 B.:/QIR:B./F75H.00²⁵ XFLI63LFH L:/KF61 M"/(:A&O74T05 K.A/D.FBF74R HA/Z.E81H
 L:/HFMI70YT? CAD.IYQ03 (IM-RF\$F80(W:/HFYF71H KA/C.AD.I73YQ K.F/RF\$F92(
 XFLI74LFH L:/F80K: H:A/\$OP"+03 K.FL-HF/)F80REC? LO71) YA(:A&E73H MIS:P.F75+00
²⁶ WA/Y.O74)MER Y:HWF80H)IM-)EM:CF71) BI/S:DO91M X:AMIS.I71YM CAD.IYQI73M?
 B.:/TO74WK: HF/(I92YR W:/NF&F71)TIY L:/KFL-HA/M.FQO73WM B.A:(ABW.R/F75M00
²⁷ WA/Y.A71(AN)AB:RFHF73M WA/Y.O)MA92R? HIN."H-NF70) HOW)A33L:T.IY03
 L:/DAB."74R)EL-):ADONF80Y W:/)FNOKI73Y (FPF71R WF/)"75PER00²⁸ 14)W.LAY?
 YAX:S.R62W.N X:AMIS.I70YM HA/C.AD.IYQIM03 X:AMIS.F80H H:A/TAS:XI71YT
 B.A/X:AMIS.F73H)ET-K.FL-HF/(I92YR? WA/Y.O33)MER03 LO74))A\$:XI80YT
)IM-)EM:CF74) \$F80M)AR:B.F(I73YM WA/X:AMIS.F75H00²⁹ WA/Y.O63SEP (O61WD?
 L:/DAB."70R)"LFY/W03 WA/Y.O)MA80R)W.LA91Y YIM.FC:)71W.N \$F73M
)AR:B.F(I92YM WA/Y.O33)MER03 LO74))E95(:E&E80H? B.A:(AB73W.R
 HF/)AR:B.F(I75YM00³⁰ 14WA/Y.O)MER)AL-NF62) YI70XAR LA95/)DONFY03
 WA/):ADAB."80RFH)W.LA91Y? YIM.FC:)71W.N \$F73M \$:LO\$I92YM WA/Y.O33)MER03
 LO74))E95(:E&E80H)IM-)EM:CF71) \$F73M \$:LO\$I75YM00? ³¹ WA/Y.O81)MER
 HIN."75H-NF70) HOW)A33L:T.IY03 L:/DAB."74R)EL-):ADONF80Y)W.LA91Y
 YIM.FC:)71W.N \$F73M (E&:RI92YM? WA/Y.O33)MER03 LO74))A\$:XI80YT
 B.A:(AB73W.R HF95/(E&:RI75YM00³² 14WA/Y.O)MER)AL-NF62) YI70XAR
 LA75/)DONFY03? WA/):ADAB.:RF74H)AK:-HA/P.A80(AM)W.LA91Y YIM.FC:)71W.N
 \$F73M (:A&FRF92H WA/Y.O33)MER03 LO74))A\$:XI80YT? B.A:(AB73W.R
 HF/(:A&FRF75H00³³ WA/Y."74LEK: Y:HWF80H K.A/):A\$E74R K.I.L.F80H L:/DAB."73R
)EL-)AB:RFHF92M? W:/)AB:RFHF73M \$F71B LI/M:QOM/O75W00 **19** ¹ 14WA/Y.FBO)W.
 \$:N"63Y HA/M.AL:)FKI70YM S:DO33MFH03 B.F/(E80REB W:/LO73W+ YO\$"74B
 B.:/\$A75(AR-?S:DO92M WA/Y.AR-)-LOW+03 WA/Y.F74QFM LI/Q:RF)T/F80M
 WA/Y.IS:T.A71XW.)AP.A73YIM)F75R:C/FH00² WA/Y.O61)MER HIN.E74H?
 N.F-):ADONA81Y S74W.RW. 14NF))EL-B."63YT (AB:D./:KE70M W:/LI33YNW.03
 W:/RAX:AC74W. RAG:L"Y/KE80M W:/HIS:K.AM:T.E73M? WA/H:ALAK:T.E74M)2
 L:/DAR:K./KE92M WA/Y.O)M:R74W. L.O80) K.I71Y BF/R:XO73WB NFLI75YN00
³ WA/Y.IP:CAR-B./F74M M:)O80D? WA/Y.FSU74RW.)"LF80Y/W WA/Y.FBO73)W.
)EL-B."YT/O92W WA/Y.A70(A& L/FHEM03 MIS:T.E80H W:/MAC.O71WT)PPF73H
 WA/Y.O)K"75LW.00? ⁴ +EREM02 YIS:K.FBW.01 W:/)AN:\$"63Y HF/(I61YR)AN:\$"70Y
 S:DOM03 NFSA74B.W. (AL-HA/B.A80YIT MI/N.A73(AR W:/)AD-?ZFQ"92N
 K.FL-HF/(F73M MI/Q.FCE75H00⁵ WA/Y.IQ:R:)70W.)EL-LOW+03 WA/Y.O74)M:RW.
 L/O80W)AY."94H HF/):ANF\$191YM?3)A\$ER-B.F71)W.)"LE73Y/KF HA/L.F92Y:LFH
 HOWCIY)"74M)"L"80Y/NW. W:/N"D:(F73H)OT/F75M00⁶ WA/Y."C"94)):AL/"HE91M?
 LO73W+ HA/P.E92T:X/FH W:/HA/D.E73LET SFGA71R)AX:ARF75Y/W00
⁷ WA/Y.O)MA92R)AL-NF71))AXA73Y T.FR"75(W.00? ⁸ HIN."H-NF63) L/I61Y \$:T."74Y
 BFNO81WT):A\$E70R LO75)-YFD:(W.03)I80Y\$)OWCI75Y)/FH-N.F70))ET/:HEN03
):AL"Y/KE80M? WA/(:A&74W. L/FHE80N K.A/+O73WB B.:/"YN"Y/KE92M 14RAQ

LF75/):ANF\$170YM HF/)"L03)AL-T.A:(A&74W. DFBF80R K.I75Y-(AL-?K."71N B.F73)W.
 B.:C"71L QORFT/I75Y00 9 WA/Y.O)M:R74W.05 G.E\$-HF81L:)FH WA/Y.O75)M:RW.03
 HF/)EXF70D B.F75)-LF/GW.R03? WA/Y.I\$:P.O74+ \$FPO80W+ (AT.F85H NFRA71(L/:KF73
 M"/HE92M WA/Y.IP:C:R63W. BF/I70Y\$ B.:/LOW+03 M:)O80D WA75/Y.IG.:\$73W.?
 LI/\$:B.O71R HA/D.F75LET00 10 WA/Y.I\$:L:X70W. HF95/):ANF\$1YM03)ET-YFD/F80M
 WA/Y.FBI94Y)W.)ET-LO91W+):AL"Y/HE73M? HA/B.F92Y:T/FH W:/)ET-HA/D.E73LET
 SFGF75RW.00 11 W:75/ET-HF/):ANF\$162YM):A\$ER-P.E74TAX HA/B.A81YIT HIK.W.03?
 B.A/S.AN:W"RI80YM MI/Q.F+O73N W:/(AD-G.FDO92WL WA/Y.IL:)73W. LI/M:CO71)
 HA/P.F75TAX00 12 WA/Y.O)M:R63W.]3 HF/):ANF\$161YM?)EL-LO81W+ 10(OD
 MI75Y-L/:KF74 PO80H XFTFN03 W./BFNE74Y/KF W./B:NOTE80Y/KF W:/KO71L
):A\$ER-L/:KF73 B.F/(I92YR? HOWC"73) MIN-HA/M.FQO75WWM00
 13 K.I75Y-MA\$:XITI74YM):ANA80X:NW.)ET-HA/M.FQO73WM HA/Z.E92H
 K.I75Y-?GF95D:LF70H CA:(AQFT/FM03)ET-P.:N"74Y Y:HWF80H WA/Y:\$AL.:X/"71NW.
 Y:HWF73H L:/\$AX:AT/F75H.00 14 WA/Y."C"63) LO61W+? WA/Y:DAB."74R05
)EL-X:ATFNF74Y/W05 LOQ:X"74Y B:NOTF81Y/W WA/Y.O33)MER03 Q70W.MW.
 C.:)W.03 MIN-HA/M.FQO74WM HA/Z.E80H K.I75Y-?MA\$:XI71YT Y:HWF73H
)ET-HF/(I92YR WA/Y:HI71Y KI/M:CAX"73Q B.:("YN"71Y X:ATFNF75Y/W00
 15 W./K:MOW03? HA/\$.A74XAR (FLF80H WA/Y.F)I71YCW. HA/M.AL):FKI73YM
 B.:/LO74W+ L")MO92R QW.M04 QA63X)E75T-):\$T.:KF61? W:/)ET-):T."70Y
 B:NOTE33Y/KF03 HA/N.IM:CF)O80T P.EN-T.IS.FPE73H B.A/(:AWO71N HF/(I75YR00
 16 WA95/Y.IT:MAH:MF65H.05? WA/Y.AX:AZI63QW.]3 HF/):ANF\$161YM B.:/YFD/O74W
 W./B:/YAD-)IS:T./O81W W./B:/YAD03 \$:T."74Y B:NOTF80Y/W B.:/XEM:LA71T Y:HWF73H
 (FLF92Y/W? WA/Y.OCI)U71/HW. WA/Y.AN.IXU73/HW. MI/X71W.C LF/(I75YR00
 17 WA/Y:HIY04 K:/HOWCIY)/F63M)OT/F61M HA/X81W.CFH WA/Y.O33)MER03?
 HIM.FL"74+ (AL-NAP:\$/E80KF)AL-T.AB.I74Y+)AX:ARE80Y/KF W:/)A75L-T.A:(AMO73D
 B.:/KFL-HA/K.IK.F92R HF/HF71R/FH? HIM.FL"73+ P.EN-T.IS.FPE75H00 18 WA/Y.O71)MER
 LO73W+):AL/"HE92M)AL-NF73):ADONF75Y00 19 HIN."H-14NF)? MF63) (AB:D.:KF74
 X"N02 B.:("YNEY/KF01 WA/T.AG:D."74L XAS:D.:KF81):A\$E70R (F&I33YTF03
 (IM.FD/I80Y L:/HAX:AYO73WT?)ET-NAP:\$/I92Y W:/)FNOKI81Y LO70))W.KAL03
 L:/HIM.FL"74+ HF/HF80R/FH P.EN-T.ID:B.FQ/A71NIY HF/RF(F73H WF/MA75T.IY00?
 20 HIN."H-14NF) HF/(I63YR HA/Z.O94)T Q:ROBF91H LF/N71W.S \$F73M./FH W:/HI74Y)
 MIC:(F92R)IM.FL:+/F63H N.F61)? \$F81M./FH H:A/LO71) MIC:(F91R HI73W) W./T:XI71Y
 NAP:\$/I75Y00 21 WA/Y.O74)MER)"LF80Y/W HIN."H03 NF&F74)TIY PFNE80Y/KF?
 G.A73M LA/D.BF74R HA/Z.E92H L:/BIL:T.I91Y HFP:K./I71Y)ET-HF/(I73YR):A\$E71R
 D.IB.A75R:T.F00 22 MAH"R03 HIM.FL"74+? \$F80M./FH K.I74Y LO70))W.KAL03
 LA/(:A&O74WT D.FBF80R (AD-B.O):AKF73 \$F92M./FH (AL-K."91N QFRF71)
 \$"M-?HF/(I73YR CO75W(AR00 23 HA/\$.E73ME\$ YFCF74) (AL-HF)/F92REC W:/LO73W+
 B.F71) CO75(:AR/FH00 24 WA95/YHWF81H? HIM:+I94YR (AL-S:DO91M
 W:/AL-(:AMORF73H G.FP:RI74YT WF/)"92\$ M")"71T Y:HWF73H
 MIN-HA/\$.FMF75YIM00? 25 WA95/Y.AH:APOK:03)ET-HE/(FRI74YM HF/)"80L W:/)73T
 K.FL-HA/K.IK.F92R W:/)T03 K.FL-YO\$:B"74Y HE/(FRI80YM? W:/CE73MAX
 HF/):ADFMF75H00 26 WA/T.AB."71+)I\$:T./O73W M")AX:ARF92Y/W WA/T:HI73Y
 N:CI71YB ME75LAX00 27 WA/Y.A\$:K."71M?)AB:RFHF73M B.A/B.O92QER
)EL-HA63/M.FQO80WM):A\$ER-(F71MAD \$F73M)ET-P.:N"71Y Y:HWF75H00
 28 WA/Y.A\$:Q"81P? (AL-P.:N"70Y S:DOM03 WA/(:AMORF80H W:/A75L-K.FL-P.:N"73Y
)E74REC HA/K.IK.F92R WA/Y.A81R:) W:/HIN."70H (FLFH03? QIY+O74R HF/F80REC
 K.:/QIY+O73R HA/K.IB:\$F75N00 29 WA/Y:HI81Y B.:/\$AX"70T):ELOHIYM03)ET-(FR"74Y
 HA/K.IK.F80R WA/Y.IZ:K.O71R):ELOHI73YM)ET-?)AB:RFHF92M WA/Y:\$AL.A70X
)ET-LOW+03 MI/T.O74WK: HA/H:AP"KF80H B.A/H:APOK:03)ET-HE74/(FRI80YM
):A\$ER-?YF\$A71B B./FH"73N LO75W+00 30 WA/Y.A(AL04 LO63W+ MI/C.O61W(AR
 WA/Y."74\$EB B.F/HF81R W./\$:T."70Y B:NOTFY/W03 (IM./O80W K.I71Y? YFR"73)
 LF/\$E74BET B.:/CO92W(AR WA/Y."33\$EB03 B.A/M.:(FRF80H H73W.) W./\$:T."71Y
 B:NOTF75Y/W00 31 WA/T.O94)MER? HA/B.:KIYRF91H)EL-HA/C.:(IYRF73H)FBI74Y/NW.
 ZFQ"92N W:/)I63Y\$)"70YN B.F)/F33REC03 LF/BO74W) (FL"80Y/NW. K.:/DE73REK:?
 K.FL-HF)/F75REC00 32 L:KF63H NA\$:QE94H)ET-)FBI91Y/NW. YA73YIN W:/NI\$:K.:BF74H
 (IM./O92W W./N:XAY.E71H? M")FBI73Y/NW. ZF75RA(00 33 WA/T.A\$:QE94YNF
)ET-):ABIY/HE91N YA73YIN B.A/L.A74Y:LFH H92W.) WA/T.FBO70) HA/B.:KIYRFH03?

WA/T.IS:K.A74B)ET-)FBI80Y/HF W:/LO75)-YFDA71(B.:/SIK:B/F73H.
 W./B:/QW.52M/F75H.00]4 34 WA95/Y:HIY03 MI75/M.FX:FRF80T? WA/T.O70)MER
 HA/B.:KIYRFH03)EL-HA/C.:(IYRF80H H"N-\$FKA71B:T.IY)E73ME\$)ET-)FB/I92Y
 NA\$:Q/E63N.W. YA61YIN? G.AM-HA/L.A81Y:LFH W./BO33)IY03 \$IK:BI74Y (IM./O80W
 W./N:XAY.E71H M"/)FBI73Y/NW. ZF75RA(00 35 WA/T.A\$:QE61YNF G.A74M?
 B.A/L.A94Y:LFH HA/H91W.))ET-):ABIY/HE73N YF92YIN WA/T.F70QFM
 HA/C.:(IYRFH03 WA/T.IS:K.A74B (IM./O80W W:/LO75)-YFDA71(? B.:/SIK:B/F73H.
 W./B:/QUM/F75H.00 36 WA95/T.AH:ARE91YNF \$:T."71Y B:NO75WT-LO73W+
 M"/):ABIY/HE75N00 37 WA/T."70LED? HA/B.:KIYRFH03 B."80N WA/T.IQ:RF71) \$:M/O73W
 MOW)F92B H71W.)):ABI75Y-MOW)F73B (AD-HA/Y.O75WM00? 38 W:/HA/C.:(IYRF70H
 GAM-HIW)03 YF74L:DFH B."80N WA/T.IQ:RF71) \$:M/O73W B.EN-(AM./I92Y H91W.)
):ABI71Y B:N"75Y-?(AM.O73WN (AD-HA/Y.O75WM00 20 1 WA/Y.IS.A63(MI/\$.F70M
)AB:RFHFM03)A74R:C/FH HA/N.E80GEB WA/Y."71\$EB B."YN-QFD"73\$ W./B"74YN
 \$92W.R? WA/Y.F73GFR B.I/G:RF75R00 2 WA/Y.O94)MER)AB:RFHF91M)EL-&FRF71H
)I\$:T./O73W):AXO74T/IY HI92W) WA/Y.IS:LA81X?):ABIYME33LEK:03 ME74LEK:
 G.:RF80R WA/Y.IQ.A73X)ET-&FRF75H00 3 WA/Y.FBO94)):ELOHI91YM
)EL-):ABIYME73LEK:?. B.A/X:ALO74WM HA/L.F92Y:LFH WA/Y.O74)MER L/O81W
 HIN./:KF71 M"TO3 (AL-HF/)\$F74H):A\$ER-LFQA80X:T.F W:/HI73W)? B.:(U71LAT
 B.F75(AL00 4 WA/):ABIYME85LEK: LO71) QFRA73B)"LE92Y/HF WA/Y.O)MA85R
):ADONF85Y H:A/GO71WY G.AM-?CAD.I73YQ T.AH:ARO75G00 5 H:A/LO63) H70W.)
)F75MAR-L/O73):AXO74T/IY HI80W) W:/HI75Y)-GAM-HI71W)?)F95M:RF73H)FX/I74Y
 H92W.) B.:TFM-L:BFB/I91Y W./B:/NIQ:Y071N K.AP.A73Y (F&I71YTIY ZO75)T00
 6 WA/Y.O)MER04)"LF63Y/W? HF95/):ELOHI61YM B.A/X:ALO81M G.A74M)FNOKI70Y
 YFDA33:(T.IY03 K.I70Y B:/TFM-L:BFB/:KF03 (F&I74YTF Z.O80)T WF)EX:&O94K:?
 G.AM-)FNOKI91Y)O75WT/:KF73 M"/X:A+OW-L/I92Y (AL-K."71N LO)-N:TAT.I73Y/KF
 LI/N:G.O71(A)"LE75Y/HF00 7 W:/AT.F81H? HF\$"70B)"75\$ET-HF/)IY\$03
 K.I75Y-NFBI74Y) H80W.) W:/YIT:P.AL."71L B.A95(AD/:KF73 WE75/X:Y"92H
 W:/)IM-)75YN/:KF74? M"\$I81YB 10D.A(K.IY-MO74WT T.FM80W.T)AT.F73H
 W:/KFL-):A\$ER-L/F75K:00 8 WA/Y.A\$:K."63M):ABIYME61LEK:?. B.A/B.O81QER
 WA/Y.IQ:RF)03 L:/KFL-(ABFDF80Y/W WA/Y:DAB."91R)ET-K.FL-HA/D.:BFRI71YM
 HF/"73L.EH B.:)FZ:N"Y/HE92M? WA/Y.I75YR:71W. HF/):ANFSI73YM M:)O75D00
 9 WA/Y.IQ:RF63)):ABIYME61LEK: L/):AB:RFHF81M WA/Y.O63)MER L/O61W
 ME75H-?(F&I70YTF L./F33NW.03 W./ME75H-XF+F74)TIY L/F80K: K.I75Y-H"B"94)TF
 (FL/A91Y W:/AL-MAM:LAK:T./I73Y X:A+F)F74H? G:DOLF92H MA:(A&IYM03):A\$E74R
 LO)-Y"75(F&80W. (F&I73YTF (IM.FD/I75Y00 10 WA/Y.O71)MER):ABIYME73LEK:
)EL-?)AB:RFHF92M MF74H RF)I80YTF K.I71Y (F&I73YTF)ET-HA/D.BFB71R
 HA/Z.E75H00 11 WA/Y.O33)MER03)AB:RFHF80M? K.I74Y)FMA81R:T.IY 10RAQ
)"YN-YIR:):A74T):ELOHI80YM B.A/M.FQO73WM HA/Z.E92H WA/H:ARFG73W./NIY
 (AL-D.:BA71R?) I\$:T./I75Y00 12 W:/GAM-)FM:NF81H):AXOT/I70Y BAT-)FB/IY03 HI80W)
)A73K: LO74) BAT-)IM./I92Y WA/T.:HIY-L/I73Y? L:/)I\$.F75H00 13 WA/Y:HI62Y
 K.A):A\$E94R HIT:(74W.)OT/I81Y):ELOHIYM02 MI/B."74YT)FB/IY01 WF)OMA74R
 L/F80H. ZE74H? XAS:D./"80K:):A\$E71R T.A:(A&I73Y (IM.FD/I92Y)E70L
 K.FL-HA/M.FQOWM03):A\$E74R NFBO74W) \$F80M./FH)IM:RIY-L/I73Y?)FX/I71Y
 H75W.)00 14 WA/Y.IQ.A63X):ABIYME61LEK: CO74N W./BFQF81R WA/:(ABFDIYM03
 W./\$:PFXO80T WA/Y.IT."73N? L:/)AB:RFHF92M WA/Y.F74\$EB L/O80W)"73T &FRF71H
)I\$:T./O75W00 15 WA/Y.O74)MER):ABIYME80LEK: HIN."71H)AR:C/I73Y? L:/PFNE92Y/KF
 B.A/+O71WB B.:("YNE73Y/KF \$"75B00 16 W./L:/&FRF74H)FMA81R HIN."63H
 NFTA61T.IY)E70LEP K.E33SEP03? L:/)FXI80Y/K: HIN."70H HW.)-L/FK:03 K.:S74W.T
 ("YNA80YIM L:/KO73L):A\$E74R)IT./F92K: W:/)"71T K.O73L W:/NOKF75XAT00?
 17 WA/Y.IT:P.AL."71L)AB:RFHF73M)EL-HF/):ELOHI92YM WA/Y.IR:P.F63)):ELOHI61YM
)ET-):ABIYME94LEK: W:/)ET-?)I\$:T./O91W W:/)AM:HOTF73Y/W WA/Y."L"75DW.00
 18 K.I75Y-(FCO70R (FCAR03 Y:HWF80H B.:(A71D K.FL-RE73XEM L:/B"74YT?
):ABIYME92LEK: (AL-D.:BA71R &FRF73H)"71\$ET)AB:RFHF75M00
 21 1 WA95/YHWF91H P.FQA71D)ET-&FRF73H K.A):A\$E74R)FMF92R WA/Y.A94(A&
 Y:HWF91H L:/&FRF73H K.A):A\$E71R? D.IB."75R00 2 WA/T.AHAR04 WA/T."63LED
 &FRF94H L:/)AB:RFHF91M B."73N LI/Z:QUNF92Y/W LA/M.OW("85D):A\$ER-D.IB.E71R?
)OT/O73W):ELOHI75YM00 3 WA/Y.IQ:RF63))AB:RFHF61M)E75T-\$EM-B.:N/O94W

HA/N.O75WLAD-L/O91W):\$SER-YFL:DFH-?L/O71W &FRF73H YIC:XF75Q00
 4 WA/Y.F70MFL)AB:RFHFM03)ET-YIC:XF74Q B.:N/O80W B.EN-\$:MONA73T
 YFMI92YM? K.A):A\$E91R CIW.F71H)OT/O73W):ELOHI75YM00 5 W:/)AB:RFHF73M
 B.EN-M:)A74T \$FNF92H B.:HIW.F74LED L/O80W)"73T? YIC:XF71Q B.:N/O75W00
 6 WA/T.O74)MER &FRF80H C:XO85Q (F71&FH L/I73Y):ELOHI92YM K.FL-HA/\$.OM"73(A
 YI75C:XAQ-?L/I75Y00 7 WA/T.O81)MER MI70Y MIL."L03 L:/)AB:RFHF80M
 H"YNI71YQFH BFNI73YM &FRF92H K.I75Y-YFLA71D:T.IY B"73N? LI/Z:QUNF75Y/W00
 8 WA/Y.IG:D.A71L HA/Y.E73LED WA/Y.IG.FMA92L WA/Y.A70(A&)AB:RFHFM03
 MI\$:T.E74H GFDO80WL B.:YO73WM? HIG.FM"71L)ET-YIC:XF75Q00 9 WA/T."63RE)
 &FRF61H)E75T-B.EN-HFGF94R HA/M.IC:RI91YT):A\$ER-YFL:DF71H? L:/)AB:RFHF73M
 M:CAX"75Q00 10 WA/T.O33)MER03 L:/)AB:RFHF80M G.FR"91\$ HF/)FMF71H HA/Z.O73)T
 W:/)ET-?B.:N/F92H. K.I74Y LO70) YIYRA\$03 B.EN-HF/)FMF74H HA/Z.O80)T
 (IM-B.:N/I73Y (IM-YIC:XF75Q00 11 WA/Y."94RA(? HA/D.FBF91R M:)O73D B.:("YN"74Y
)AB:RFHF92M (A73L)OWDO71T B.:N/O75W00 12 WA/Y.O63)MER):ELOHI61YM
)EL-?)AB:RFHF81M)AL-Y"RA70(B.:("YNE33Y/KF03 (AL-HA/N.A74(AR
 W:/(AL-):AMFT/E80KF K.OL04):A\$E63R T.O)MA71R?)"LE91Y/KF &FRF73H \$:MA74(
 B.:/QOL/F92H. K.I74Y B:/YIC:XF80Q YIQ.FR"71) L:/KF73 ZF75RA(00 13 W:/GA71M
)ET-B.EN-?HF/)FMF73H L:/GO74WY):A&IYM/E92N.W. K.I71Y ZAR:(/:AKF73 H75W.)00
 14 WA/Y.A\$:K."74M)AB:RFHF74M05 B.A/B.O83QER WA/Y.I75Q.A75X-?LEXEM04
 W:/X"63MAT MA61YIM WA/Y.IT."74N)EL-14HFGFR &F94M (AL-\$IK:M/F91H.
 W:/)ET-HA/Y.E73LED WA75/Y:\$AL.:X/E92HF? WA/T."74LEK: WA/T."80TA(
 B.:/MID:B.A73R B.:)"71R \$F75BA(00 15 WA/Y.IK:L71W. HA/M.A73YIM MIN-HA/X"92MET
 WA/T.A\$:L"74K:?)ET-HA/Y.E80LED T.A73XAT)AXA71D HA/&.IYXI75M00
 16 WA/T."LEK:04 WA/T."63\$EB L/F61H. MI/N.E81GED HAR:X"Q03? K.I/M:+AX:AW"74Y
 QE80\$ET K.I74Y)F95M:RF80H)AL-)ER:)E73H B.:/MO74WT HA/Y.F92LED WA/T."74\$EB
 MI/N.E80GED WA/T.I.&.F71)?)ET-QOL/F73H. WA/T."75B:K.:00 17 WA/Y.I\$:MA74(
):ELOHIYM02)ET-QO74WL HA/N.A(AR01 WA/Y.IQ:RF)04 MAL:)A63K:?) :ELOHI70YM05
)EL-HFGFR03 MIN-HA/\$.FMA80YIM WA/Y.O71)MER L/F73H. MAH-L./F74K: HFGF92R
)AL-T.I74YR:)I80Y K.I75Y-?\$FMA94():ELOHI91YM)EL-QO71WL HA/N.A73(AR
 B.A):A\$E71R HW.)-\$F75M00 18 10QW.MIY &:I74Y)ET-?HA/N.A80(AR
 W:/HAX:AZI71YQIY)ET-YFD/"73K: B./O92W K.I75Y-L:/GO71WY G.FDO73WL
):A&IYM/E75N.W.00 19 WA/Y.IP:QA70X):ELOHIYM03?)ET-("YNE80Y/HF WA/T."73RE)
 B.:)"74R MF92YIM WA/T."61LEK: WA/T.:MAL."70))ET-HA/X"33MET03 MA80YIM
 WA/T.A73\$:Q:)ET-?HA/N.F75(AR00 20 WA/Y.HI94Y):ELOHI91YM)ET-HA/N.A73(AR
 WA/Y.IG:D.F92L WA/Y."33\$EB03 B.A/M.ID:B.F80R WA/Y:HI73Y ROBE71H? QAS.F75T00
 21 WA/Y."73\$EB B.:/MID:B.A74R P.F)RF92N WA/T.I75Q.A75X-L/O71W)IM./O91W)I\$.F73H
 M")E71REC MIC:RF75YIM00? 22 WA95/Y:HIY03 B.F/("74T HA/HI80W) WA/Y.O74)MER
):ABIYME81LEK: W./PIYKOL03 &AR-C:BF)/O80W?)EL-)AB:RFHF73M L"/)MO92R
):ELOHI74YM (IM./:KF80 B.:/KO71L):A\$ER-)AT.F73H (O&E75H00 23 W:/)AT.F81H?
 HIS.F63B:(FH L./I70Y B"75/)LOHIYM03 H"80N.FH)IM-T.I\$:QO74R L/I80Y
 W./L:/NIYN/I73Y W./L:/NEK:D./I92Y K.A/XE61SED):A\$ER-?(F&I70YTIY (IM./:KF03
 T.A(:A&E74H (IM.FD/I80Y W:/)IM-HF)/F73REC):A\$ER-G.A71R:T.FH B./F75H.00
 24 WA/Y.O33)MER03?)AB:RFHF80M)FNOKI73Y)I\$.FB"75(A00 25 W:/HOWKI71XA
)AB:RFHF73M)ET-):ABIYME92LEK: (AL-)ODOWT03? B.:)"74R HA/M.A80YIM):A\$E71R
 G.FZ:L73W. (AB:D"71Y):ABIYME75LEK:00 26 WA/Y.O74)MER):ABIYME80LEK: LO74)
 YFDA80(T.IY? MI71Y (F&F73H)ET-HA/D.FBF74R HA/Z.E92H W:/GA(M-)AT.F62H
 LO)-HIG.A74D:T.F L./I81Y W:/GA94M)FNOKI91Y LO71)? \$FMA73(:T.IY B.IL:T.I71Y
 HA/Y.O75WM00 27 WA/Y.IQ.A70X)AB:RFHFM03 CO74)N W./BFQF80R WA/Y.IT."73N
 LA):ABIYME92LEK:?) WA/Y.IK:R:T71W. \$:N"Y/HE73M B.:RI75YT00 28 WA/Y.AC."74B
)AB:RFHF81M)ET-\$E91BA(K.IB:&O71T HA/C.O73)N? L:/BAD./:HE75N00
 29 WA/Y.O71)MER):ABIYME73LEK:)EL-)AB:RFHF92M MF74H H"81N.FH \$E70BA(
 K.:BF&OT03? HF/"80L.EH):A\$E71R HIC.A73B:T.F L:/BAD./F75NFH00 30 WA/Y.O85)MER
 10K.IY)ET-\$E74BA(K.:BF&O80T T.IQ.A73X? MI/Y.FD/I92Y B.A:(ABW.R03
 T.I75H:YEH-L./I74Y L:/("DF80H K.I71Y XFPA73R:T.IY)ET-HA/B.:)"71R HA/Z.O75)T00
 31 (AL-?K."81N QFRF91) LA/M.FQO71WM HA/H73W.) B.:)"74R \$F92BA(K.I91Y \$F71M
 NIS:B.:(73W. \$:N"Y/HE75M00 32 WA/Y.IK:R:T71W.? B:RI73YT B.I/B:)"74R \$F92BA(
 WA/Y.F74QFM):ABIYME81LEK: W./PIYKOL03 &AR-C:BF)/O80W WA/Y.F\$U73BW.

)E71REC? P.:LIS:T.I75YM00³³ WA/Y.I+.A71()E73\$SEL B.I/B:)"74R \$F92BA(WA/Y.I63Q:RF)-\$F80M B.:/"71M Y:HWF73H)"71L? (OWLF75M00³⁴ WA/Y.F94GFR)AB:RFHF91M B.:)E71REC P.:LIS:T.I73YM YFMI71YM RAB.I75YM00 **22** ¹ WA/Y:HI81Y)AXAR03 HA/D.:BFRI74YM HF/)"80L.EH W:/HF74/):ELOHI80YM NIS.F73H)ET-)AB:RFHF92M? WA/Y.O74)MER)"LF80Y/W)AB:RFHF73M WA/Y.O71)MER HIN."75N/IY00² WA/Y.O83)MER QAX-14NF))ET-B.IN:/KF03)ET-?Y:XI75YD:/KF70):A\$ER-)FHA33B:T.F03)ET-YIC:XF80Q W:/LEK:-L:/KF80)EL-)E73REC HA/M.ORIY.F92H W:/HA:(AL/"70HW.? \$FM03 L:/(OLF80H 10(AL)AXA74D HE75/HFRI80YM):A\$E73R)OMA71R)"LE75Y/KF00³ WA/Y.A\$.K."63M)AB:RFHF61M? B.A/B.O81QER WA75/Y.AX:ABO\$03)ET-X:AMOR/O80W WA/Y.IQ.A62X)ET-\$:N"70Y N:(FRFY/W03)IT./O80W W:/)73T YIC:XF74Q B.:N/O92W? WA/Y:BAQ.A(03 (:AC"74Y (OLF80H WA/Y.F74QFM WA/Y."80LEK:)EL-HA/M.FQO73WM):A\$ER-)F75MAR-L/O71W HF/):ELOHI75YM00? ⁴ B.A/Y.O74WM HA/\$.:LIY\$I81Y WA/Y.I&.F63))AB:RFHF94M)ET-("YNF91Y/W WA/Y.A71R:))ET-HA/M.FQO73WM M"/RFXO75Q00? ⁵ WA/Y.O63)MER)AB:RFHF61M)EL-N:(FRF81Y/W \$:BW.-L/FKE71M P.OH03 (I75M-HA/X:AMO80WR WA/):ANI74Y W:/HA/N.A80(AR N"L:K/F73H (AD-K.O92H W:/NI75\$.T.AX:AWE73H W:/NF\$71W.BFH):AL"Y/KE75M00⁶ WA/Y.IQ.A63X)AB:RFHF61M)ET-(:AC"74Y? HF/(OLF81H WA/Y.F33&EM03 (AL-YIC:XF74Q B.:N/O80W WA/Y.IQ.A74X B.:YFD/O80W)ET-HF/)"73\$ W:/)ET-HA75/M.A):AKE92LET? WA/Y."L:K71W. \$:N"Y/HE73M YAX:D./F75W00⁷ WA/Y.O63)MER YIC:XF61Q)EL-)AB:RFHF70M)FBIY/W03 WA/Y.O74)MER)FB/180Y? WA/Y.O73)MER HIN.E74N./I75Y B.:N/I92Y WA/Y.O81)MER HIN."70H HF/)"\$03 W:/HF74/("CI80YM W:/)AY."71H HA/&.E73H L:/(OLF75H00⁸ WA/Y.O33)MER03?)AB:RFHF80M):ELOHI62YM YIR:)EH-L./O71W HA/&.E91H L:/(OLF73H B.:N/I92Y WA/Y."L:K71W. \$:N"Y/HE73M YAX:D./F75W00? ⁹ WA/Y.FBO81)W.)E75L-HA/M.FQOWM02):A\$E74R)F75MAR-L/O74W HF/):ELOHIYM01 WA/Y.I63BEN \$F70M)AB:RFHF03)ET-?HA/M.IZ:B."80XA WA75/Y.A(:ARO73K:)ET-HF/("CI92YM WA75/Y.A(:AQOD03)ET-YIC:XF74Q B.:N/O80W WA/Y.F70&EM)OT/OW03 (AL-?HA/M.IZ:B."80XA MI/M.A73(AL LF/("CI75YM00¹⁰ WA/Y.IS:LA70X)AB:RFHF03)ET-YFD/O80W WA/Y.IQ.A73X)ET-?HA75/M.A):AKE92LET LI/\$:XO73+)ET-B.:N/O75W00¹¹ WA/Y.IQ:RF63))"LF61Y/W MAL:)A70K: Y:HWFH03 MIN-HA/\$.FMA80YIM? WA/Y.O73)MER)AB:RFHF74M05)AB:RFHF92M WA/Y.O73)MER HIN."75N/IY00¹² WA/Y.O81)MER)AL-T.IS:LA70X YF75D:/KF03?)EL-HA/N.A80(AR W:/)AL-T.A71(A& L/O73W M:)92W.M.FH]1 K.I74Y05 (AT.F74H YFDA81(:T.IY K.I75Y-Y:R"70)):ELOHIYM03?)A80T.FH W:/LO71) XF&A91K:T.F)ET-B.IN:/KF71)ET-Y:XIYD:/KF73 MI/M./E75N.IY00¹³ WA/Y.I&.F63))AB:RFHF61M)ET-?("YNF81Y/W WA/Y.AR:)03 W:/HIN."H-)A80YIL)AXA85R NE):EXA71Z B.A/S.:BA73K: B.:/QAR:Nf92Y/W WA/Y."70LEK:)AB:RFHF03 WA/Y.IQ.A74X?)ET-HF/)A80YIL WA/Y.A:(AL/"71HW. L:/(OLF73H T.A71XAT B.:N/O75W00¹⁴ WA/Y.IQ:RF94))AB:RFHF91M \$"75M-HA/M.FQO71WM? HA/H73W.) Y:HWF74H05 YIR:)E92H):A\$ER03 Y")FM"74R HA/Y.O80WM B.:/HA71R Y:HWF73H Y"RF)E75H00? ¹⁵ WA/Y.IQ:RF91) MAL:)A71K: Y:HWF73H)EL-)AB:RFHF92M \$"NI73YT MIN-HA/\$.F75YIM00¹⁶ WA/Y.O85)MER B./I71Y? NIS:B.A73(:T.IY N:)UM-Y:HWF92H K.I81Y 10YA(AN):A\$E70R (F&I33YTF03)ET-HA/D.FBF74R HA/Z.E80H W:/LO71) XF&A73K:T.F?)ET-B.IN:/KF71)ET-Y:XIYD/E75KF00¹⁷ K.I75Y-BFR"74K:):ABFREK:/KF81 W:/HAR:B.F63H)AR:B.E70H)E75T-ZAR:(/AKF03? K.:/KOWK:B"74Y HA/\$.FMA80YIM W:/KA/XO85WL):A\$E73R (AL-&:PA74T HA/Y.F92M W:/YIRA74\$ ZAR:(/AKF80)"73T \$A71(AR?)OY:BF75Y/W00¹⁸ W:/HIT:B.FR:AK74W. B:/ZAR:(/AKF80 K.O73L G.OWY"74Y HF/)F92REC ("85QEB):A\$E71R \$FMA73(:T.F B.:/QOL/I75Y00? ¹⁹ WA/Y.F70\$FB)AB:RFHF03)EL-N:(FRF80Y/W WA/Y.FQU91MW. WA/Y."L:K71W. YAX:D./F73W)EL-B.:)"74R \$F92BA(WA/Y."71SEB?)AB:RFHF73M B.I/B:)"71R \$F75BA(00²⁰ WA/Y:HI81Y)AX:AR"Y03 HA/D.:BFRI74YM HF/)"80L.EH WA/Y.UG.A71D L:/)AB:RFHF73M L"/)MO92R 14HIN."H YFL:DF63H? MIL.K.F71H GAM-HI91W) B.FNI73YM L:/NFXO71WR)FXI75Y/KF00²¹)ET-(71W.C B.:KOR/O73W W:/)ET-B.74W.Z)FXI92Y/W? W:/)ET-Q:MW.)"73L):ABI71Y):ARF75M00²² W:/)ET-K.E74&ED W:/)ET-X:AZO80W W:/)ET-P.IL:D.F73\$ W:/)ET-?YID:LF92P W:/)73T B.:TW.)"75L00²³ W:/B:TW.)"73L YFLA74D)ET-RIB:QF92H \$:MONF71H)"33L.EH03 YFL:DF74H? MIL.K.F80H L:/NFXO73WR):AXI71Y)AB:RFHF75M00²⁴ W:/PI75YLAG:\$/O73W W:/\$.M/F74H. R:/W.MF92H WA/T."70LED G.AM-?HIW)03

+E74BAX W:/)ET-G.A80XAM W:/)ET-T.A73XA\$ W:/)E75T-MA(:AKF75H00
23 1 WA/Y.IH:YW.03 XAY."74Y &FRF80H M")F71H \$FNF91H W:/(E&:RI71YM \$FNF73H
W:/)E74BA(\$FNI92YM \$:N"73Y? XAY."71Y &FRF75H00 2 WA/T.F74MFT &FRF81H
B.:/QIR:YA71T)AR:B.A91(HI71W) XEB:RO73WN B.:/E74REC K.:NF92(AN?
WA/Y.FBO)03)AB:RFHF80M LI/S:P.O71D L:/&FRF73H W:/LI/B:K.OT/F75H.00
3 WA/Y.F33QFM03)AB:RFHF80M M"/(A73L P.:N"74Y? M"/T/O92W WA/Y:DAB."71R
)EL-B.:N"Y-X"73T L"/)MO75R00 4 G."R-W:/TOW\$F71B)FNOKI73Y (IM./FKE92M T.:N63W.
L/I70Y?):AXUZ.AT-QE33BER03 (IM./FKE80M W:/)EQ:B.:RF71H M"/T/I73Y
MI/L.:/PFNF75Y00 5 WA/Y.A(:AN94W. B:N"Y-X"91T)ET-?)AB:RFHF73M L"/)MO71R
L/O75W00 6 \$:MF("/74NW.05):ADONI81Y N:&I63Y)):ELOHI70YM)AT.FH03
B.:/TOWK/"80NW.? B.:/MIB:XA74R Q:BFR"80Y/NW. Q:BO73R)ET-M"/T/E92KF)I74YS
MI/M./E80N.W.)ET-QIB:R/O91W LO75)-YIK:LE71H MI/M.:KF73? MI/Q.:BO71R
M"/T/E75KF00 7 WA/Y.F94QFM)AB:RFHF91M WA/Y.IS:T.A71XW. L:/AM-HF/F73REC
LI/B:N"Y-X"75T00? 8 WA/Y:DAB."71R)IT./F73M L"/)MO92R)IM-Y"74\$
)E75T-NAP:\$:KE81M LI/Q:B.O70R)ET-M"/T/IY03 MI/L.:/PFNA80Y? \$:MF(85W./NIY
W./PIG:(W.-L/I73Y B.:/EP:RO71WN B.EN-CO75XAR00 9 W:/YIT.EN-L/I81Y
)ET-M:(FRA70T HA/M.AK:P."LFH03?):A\$ER-L/O80W):A\$E73R B.I/Q:C"74H &FD/"92HW.
B.:/KE63SEP MFL"61) YIT.:N/E71N.FH L/I91Y B.:/TOWK/:KE73M
LA):AXUZ.AT-?QF75BER00 10 W:/EP:RO71WN YO\$"73B B.:/TO74WK: B.:N"Y-X"92T
WA/Y.A(AN04 (EP:RO63WN HA/XIT.I70Y)ET-)AB:RFHFM03? B.:/FZ:N"74Y
B:N"Y-X"80T L:/KO91L B.F)"71Y \$A75(AR-(IYR/O73W L"/)MO75R00
11 LO75)-:ADON/I74Y \$:MF("80N/IY? HA/&FDEH03 NFTA74T.IY L/F80K:
W:/HA/M.:/FRF71H):A\$ER-B./O73W L:/KF74 N:TAT.I92Y/HF L:/("YN"94Y
B:N"Y-(AM./I91Y N:TAT.I71Y/HF? L:/F73K: Q:BO71R M"/T/E75KF00
12 WA/Y.IS:T.A33XW.03)AB:RFHF80M LI/P:N"73Y (A71M HF)/F75REC00
13 WA/Y:DAB."63R)EL-?(EP:RO61WN B.:/FZ:N"70Y (AM-HF)/F33REC03 L"/)MO80R
)A91K:)IM-)AT.F71H L73W. \$:MF("/92NIY NFTA61T.IY K.E70SEP? HA/&FDEH03 QA74X
MI/M./E80N.IY W:/)EQ:B.:RF71H)ET-M"/T/I73Y \$F75M./FH00 14 WA/Y.A94(AN
(EP:RO91WN)ET-?)AB:RFHF73M L"/)MO71R L/O75W00 15):ADON/I74Y \$:MF("/80NIY
)EREC04)AR:B.A63(M")O94T \$E75QEL-K.E91SEP? B."YN/I71Y W./B"75YN/:KF73
MAH-HI92W) W:/)ET-M"/T:KF73 Q:BO75R00 16 WA/Y.IS:MA74()AB:RFHFM02
)EL-(EP:ROWN01? WA/Y.IS:QO70L)AB:RFHFM03 L:/EP:RO80N)ET-HA/K.E85SEP
):A\$E71R D.IB.E73R B.:/FZ:N"74Y B:N"Y-X"92T)AR:B.A70(? M")OWT03 \$E74QEL
K.E80SEP (OB"73R LA/S.OX"75R00 17 WA/Y.F74QFM05 &:D"74H (EP:RO81WN):A\$ER03?
B.A/M.AK:P."LF80H):A\$E73R LI/P:N"74Y MAM:R"92) HA/&FDEH03 W:/HA/M.:/FRF74H
):A\$ER-B./O80W W:/KFL-HF/("C03?):A\$E74R B.A/&FDE80H):A\$E71R
B.:/KFL-G.:BUL/O73W SFBI75YB00 18 L:/)AB:RFHF71M L:/MIQ:N73H L:/("YN"74Y?
B:N"Y-X"92T B.:/KO73L B.F)"71Y \$A75(AR-(IYR/O75W00 19 W:/)AX:AR"Y-K"N04
QFBA63R)AB:RFHF61M)ET-?&FRF74H)IS:T/O81W)EL-M:(FRA62T &:D"94H
HA/M.AK:P."LF91H (AL-P.:N"71Y MAM:R"73) HI74W) XEB:RO92WN? B.:/E73REC
K.:NF75(AN00 20 WA/Y.F63QFM HA/&FDE61H W:/HA/M.:/FRF94H):A\$ER-B./O91W
L:/)AB:RFHF73M LA):AXUZ.AT-?QF92BER M"/)73T B.:N"Y-X"75T00
24 1 W:/)AB:RFHF74M ZFQ"80N B.F73) B.A/Y.FMI92YM WA95/YHWF91H B."RA71K:
)ET-)AB:RFHF73M B.A/K.O75L00? 2 WA/Y.O74)MER)AB:RFHF81M)EL-(AB-D./OW03
Z:QA74N B."YT/O80W HA/M.OS"73L B.:/KFL-):A\$ER-L/O92W &I75YM-NF71)? YD:/KF73
T.A71XAT Y:R"KI/I75Y00 3 W:/)A\$:B.I74Y(/:AKF80 B.A95/YHWFH03):ELOH"74Y
HA/\$.FMA80YIM W"95/)LOH"73Y HF)/F92REC?):A\$E63R LO75)-TIQ.A70X)IS.FH03
LI/B:N/I80Y MI/B.:NOWT03 HA75/K.:NA(:ANI80Y):A\$E71R)FNOKI73Y YOW\$"71B
B.:/QIR:B./O75W00? 4 K.I94Y)EL-)AR:C/I91Y W:/)EL-MOWLAD:T./I73Y T."L"92K:
W:/LFQAX:T.F71)IS.F73H LI/B:N/I71Y L:/YIC:XF75Q00? 5 WA/Y.O70)MER)"LFY/W03
HF/(E80BED)W.LAY03 LO)-TO)BE74H HF75/)IS.F80H LF/LE71KET)AX:ARA73Y
)EL-?HF)/F74REC HA/Z.O92)T HE75/HF\$"70B)F\$YB03)ET-B.IN/:KF80)EL-HF)/F73REC
):A\$ER-YFCF71)TF MI/\$.F75M00? 6 WA/Y.O71)MER)"LF73Y/W)AB:RFHF92M
HI\$.F74MER L:/KF80 P.EN-T.F\$I71YB)ET-B.:N/I73Y \$F75M./FH00 7 Y:HWF74H05?
):ELOH"74Y HA/\$.FMA81YIM):A\$E63R L:QFX/A61NIY MI/B."74YT)FB/IY02
W./M"/)E74REC MO75WLAD:T./IY01 WA):A\$E63R? D.IB.ER-L/I61Y WA):A\$E70R
NI75\$:B.A75(-L/IY03 L"/)MO80R L:/ZA63R(/:AKF80)ET."73N)ET-HF)/F74REC

HA/Z.O92)T H81W.)? YI\$:LA70X MAL:FK/OW03 L:/PFNE80Y/KF W:/LFQAX:T.F71
)I\$.F91H LI/B:N/I73Y MI\$.F75M00 8 W:/IM-LO63) TO)BE70H? HF75/)I\$.FH03 LF/LE74KET
)AX:ARE80Y/KF W:/NIQ.I85YTF MI/\$.:BU(FT/I73Y ZO92)T RA74Q)ET-B.:N/I80Y LO71)
 TFS"73B? \$F75M./FH00 9 WA/Y.F70&EM HF/(E33BED03)ET-YFD/O80W T.A91XAT
 YE71REK:)AB:RFHF73M):ADONF92Y/W WA/Y.I\$.F74BA75(L/O80W? (AL-HA/D.FBF73R
 HA/Z.E75H00 10 WA/Y.IQ.A74X 14HF/(EBED (:A&FRF63H G:MAL.I61YM MI/G.:MAL."70Y
):ADONFY/W03? WA/Y."80LEK: W:/KFL-+71W.B):ADONF73Y/W B.:YFD/O92W
 WA/Y.F81QFM WA/Y."91LEK:)EL-):ARA71M NA95H:ARA73YIM)EL-(I71YR?
 NFXO75WR00 11 WA/Y.AB:R"94K: HA/G.:MAL.I91YM MI/X71W.C LF/(I73YR)EL-B.):"74R
 HA/M.F92YIM L:/("74T (E80REB? L:/("73T C"71)T HA/\$.O):ABO75T00
 12 WA/Y.O)MA65R05 Y:HWF81H):ELOH"Y03):ADON/I74Y)AB:RFHF80M
 HAQ:R"H-NF71)? L:/PFNA73Y HA/Y.O92WM WA/(:A&"H-XE85SED (I73M):ADON/I71Y
)AB:RFHF75M00 13 HIN."91H)FNOKI71Y NIC.F73B (AL-"74YN? HA/M.F92YIM
 W./B:NOWT03)AN:\$"74Y HF/(I80YR YOC:)O73T LI/\$:)O71B MF75YIM00 14 W:/HFYF74H
 HA75/N.A:(ARF81):A\$E63R)OMA70R?)"LE33Y/HF03 HA+.IY-NF70) KAD."K:03
 W:/)E\$.T.E80H W:/)FM:RF74H \$:T"80H W:/GAM-G.:MAL.E73Y/KF)A\$:QE92H)OTF70H?
 HOKA33X:T.F03 L:(AB:D./:KF74 L:/YIC:XF80Q W./B/F74H.)"DA80(K.IY-(F&I71YTF
 XE73SED (IM-):ADON/I75Y00 15 WA75/Y:HIY-?H81W.) +EREM02 K.II.LF74H L:/DAB."R01
 W:/HIN."94H RIB:QF74H YOC"81)T):A\$E70R YUL:DFH03 LI/B:TW.)"74L
 B.EN-?MIL:K.F80H)"71SET NFXO73WR):AXI74Y)AB:RFHF92M W:/KAD./F73H.
 (AL-\$IK:M/F75H.00 16 W:/HA75/N.A:(ARF81 +OBA70T? MAR:)EH03 M:O80D
 B.:TW.LF85H W:/)I73Y\$ LO74) Y:DF(F92H. WA/T."74RED HF/(A80Y:N/FH
 WA/T.:MAL."71) KAD./F73H.? WA/T.F75(AL00 17 WA/Y.F71RFC HF/(E73BED
 LI/Q:RF)T/F92H. WA/Y.O85)MER HAG:MIY)I71Y/NIY NF91) M:(A+-MA73YIM?
 MI/K.AD."75K:00 18 WA/T.O73)MER \$:T"74H):ADON/I92Y WA/T.:MAH"81R
 WA/T.O94RED K.AD./F91H. (AL-YFD/F73H. WA/T.A\$:Q/"75HW.00? 19 WA/T.:KA73L
 L:/HA\$:QOT/O92W WA/T.O81)MER G.A70M LI/G:MAL.E33Y/KF03)E\$:)F80B (A71D
)IM-K.II.L73W. LI/\$:T.O75T00? 20 WA/T.:MAH"81R WA/T.:(A70R K.AD./FH.03
)EL-HA/\$.O80QET WA/T.F71RFC (O91WD)E75L-HA/B.:)"73R LI/\$:)O92B?
 WA/T.I\$:)A73B? L:/KFL-G.:MAL.F75YW00 21 W:/HF/)I71Y\$ MIS:T.F)"73H L/F92H.
 MAX:ARI85Y\$ LF/DA81(AT HA95/HIC:LI94YXA? Y:HWF91H D.AR:K./O73W
)IM-LO75)00 22 WA/Y:HI81Y K.A/):A\$E63R K.II.L70W. HA/G.:MAL.IYM03 LI/\$:T.O80WT
 WA/Y.IQ.A70X? HF/)IY\$03 NE74ZEM ZFHF80B B.E73QA(MIS:QFL/O92W W./\$:N"70Y
 C:MIYDIYM03 (AL-YFDE80Y/HF (:A&FRF71H ZFHF73B? MIS:QFL/F75M00
 23 WA/Y.O33)MER03 B.AT-MI74Y)A80T.: HAG.I71YDIY NF73) L/I92Y H:A/Y"94\$
 B."YT-FBI91Y/K: MFQO71WM? L/F73NW. LF/LI75YN00 24 WA/T.O74)MER)"LF80Y/W
 B.AT-B.:TW.)"73L)FNO92KIY B.EN-MIL:K.F85H):A\$E71R YFL:DF73H? L:/NFXO75WR00
 25 WA/T.O74)MER)"LF80Y/W G.AM-T.E71BEN G.AM-MIS:P.O73W) RA74B (IM./F92NW.
 G.AM-MFQO73WM? LF/L75W.N00 26 WA/Y.IQ.O74D HF/)I80Y\$ WA/Y.I\$:T.A73XW.
 LA95/YHWF75H00 27 WA/Y.O81)MER B.FR70W.K: Y:HWFH03):ELOH"Y03?):ADON/I74Y
)AB:RFHF80M 14):A\$ER LO75)-(FZA71B XAS:D./O91W WA/):AMIT./O73W M"/(I74M
):ADON/I92Y)FNOKI81Y B.A/D.E33REK:03? NFX/A74NIY Y:HWF80H B."73YT):AX"71Y
):ADON/I75Y00 28 WA/T.F33RFC03 HA75/N.A:(ARF80 WA/T.AG."73D L:/B"74YT
)IM./F92H.? K.A/D.:BFRI73YM HF/)"75L.EH00 29 W./L:/RIB:QF71H)F73X W./\$:M/O74W
 LFBF92N WA/Y.F63RFC LFBF94N)EL-HF/)I91Y\$? HA/X73W.C/FH)EL-HF/(F75YIN00
 30 WA/Y:HI74Y05 K.I/R:)O74T)ET-HA/N.E81ZEM W:75)ET-HA/C.:MIDIYM02
 (AL-?Y:D"74Y):AXOT/OW01 W./K:/\$FM:(/O81W)ET-D.IB:R"62Y RIB:QF70H
):AXOT/OW03 L/)MO80R K.O75H-DIB.E71R)"LA73Y? HF/)I92Y\$ WA/Y.FBO)03
)EL-HF/)I80Y\$ W:/HIN."91H (OM"71D (AL-HA/G.:MAL.I73YM (AL-HF/(F75YIN00
 31 WA/Y.O85)MER? B.O73W) B.:R74W.K: Y:HWF92H LF70M.FH TA:(AMOD03
 B.A/X80W.C W:/)FNOKIY03 P.IN.I74YTIY HA/B.A80YIT W./MFQO73WM
 LA/G.:MAL.I75YM00? 32 WA/Y.FBO70) HF/)IY\$03 HA/B.A80Y:T/FH WA/Y:PAT.A73X
 HA/G.:MAL.I92YM WA/Y.IT."63N T.E70BEN W./MIS:P.O73W)03 LA/G.:MAL.I80YM?
 W./MA33YIM03 LI/R:XO74C RAG:LF80Y/W W:/RAG:L"71Y HF/):ANF\$173YM):A\$E71R
)IT./O75W00 33 **WA/Y.W.&A70M L:/PFNFY/W03 LE/):EKO80L? WA/Y.O33)MER03 LO74)
)OKA80L (A71D)IM-D.IB.A73R:T.IY D.:BFR/F92Y WA/Y.O73)MER D.AB."75R00
 34 WA/Y.O)MA92R (E71BED?)AB:RFHF73M)FNO75KIY00 35 WA/YHWF62H B."RA94K:

)ET-):ADON/I91Y M:)O73D WA/Y.IG:D.F92L WA/Y.IT.EN-L/O62W CO70)N? W./BFQFR03
 W:/KE74SEP W:/ZFHf80B WA/(:ABFDIM03 W:/\$.PFXO80T W:/G:MAL.I73YM
 WA/X:AMORI75YM00 ³⁶ WA/T."83LED &FRFH04?)"63\$ET):ADON/I71Y B"N03
 LA95)DON/I80Y)AX:AR"73Y ZIQ:NFT/F92H. WA/Y.IT.EN-L./O73W]1
)ET-K.FL-):A\$ER-L/O75W00? ³⁷ WA/Y.A\$.B.I(/"71NIY):ADON/I73Y L"/)MO92R
 LO)-T.IQ.A70X)I\$.FH03 LI/B:N/I80Y MI/B.:NOWT03 HA75/K.:NA:(ANI80Y):A\$E71R?
)FNOKI73Y YO\$"71B B.:)AR:C/O75W00 ³⁸)IM-LO94))EL-B."YT-)FB/I91Y T."L"73K:
 W:/)EL-MI\$:P.AX/:T.I92Y? W:/LFQAX:T.F71)I\$.F73H LI/B:N/I75Y00 ³⁹ WF/)OMA73R
)EL-):ADON/I92Y)ULA91Y LO)-T"L"71K: HF/)I\$.F73H)AX:ARF75Y00? ⁴⁰ WA/Y.O73)MER
)"L/F92Y Y:HWF62H):A\$ER-HIT:HAL.A74K:T.IY L:/PFNF81Y/W YI\$:LA63X
 MAL:/FK/O70W)IT./FK:03? W:/HIC:LI74YXA D.AR:K./E80KF W:/LFQAX:T.F70)I\$.FH03
 LI/B:N/I80Y MI/M.IS:P.AX:T./I73Y W./MI/B."71YT)FB/I75Y00 ⁴¹)F70Z? T.IN.FQEH03
 M"/)F74LFTI80Y K.I71Y TFBO73W))EL-MI\$:P.AX:T./I92Y W:/)IM-LO70) YIT.:NW.03
 L/F80K: W:/HFYI71YTF NFQI73Y? M"/)FLFTI75Y00 ⁴² WF/)FBO71) HA/Y.O73WM
)EL-HF/(F92YIN WF/)OMA81R Y:HWFH03):ELOH"Y03):ADON/I74Y)AB:RFHF80M?
)IM-YES:/KF-N.F)03 MAC:LI74YXA D.AR:K./I80Y):A\$E71R)FNOKI73Y HOL"71K:
 (FLE75Y/HF00 ⁴³ HIN."91H)FNOKI71Y NIC.F73B? (AL-("74YN HA/M.F92YIM
 W:/HFYF70H HF75/(AL:MFH03 HA/Y.OC"74)T LI/\$:O80B W:/)FMAR:T.I74Y)"LE80Y/HF
 HA\$:QI75Y/NIY-?NF71) M:(A+-MA73YIM MI/K.AD./"75K:00 ⁴⁴ W:/)FM:RF70H)"L/AY03
 G.AM-)AT.F74H \$:T"80H W:/GA71M LI/G:MAL.E73Y/KF?)E\$:)F92B HI74W)
 HF95)I\$.F80H):A\$ER-HOKI71YXA Y:HWF73H L:/BEN-):ADON/I75Y00 ⁴⁵):ANIY04
 +E63REM):AKAL.E61H? L:/DAB."74R)EL-LIB./I81Y W:/HIN."63H RIB:QF70H YOC")T03
 W:/KAD./F74H. (AL-\$IK:M/F80H. WA/T."71RED HF/(A73Y:N/FH? WA/T.IS:)F92B
 WF/)OMA71R)"LE73Y/HF HA\$:QI71Y/NIY NF75)00 ⁴⁶ WA/T.:MAH"81R WA/T.O70WRED
 K.AD./FH.03 M"75/(FLE80Y/HF? WA/T.O74)MER \$:T"80H W:/GAM-G.:MAL.E73Y/KF
)A\$:QE92H WF/)"85\$:T.: W:/GA71M HA/G.:MAL.I73YM HI\$:QF75TFH00? ⁴⁷ WF/)E\$:)A74L
)OT/F81H. WF/)OMAR02 B.AT-MI74Y)AT.:01 WA/T.O81)MER B.AT-B.:TW.)"L03
 B.EN-NFXO80WR):A\$E71R? YF75L:DFH-L./O73W MIL:K.F92H WF/F&I70M
 HA/N.E33ZEM03 (AL-)AP./F80H. W:/HA/C.:MIYDI73YM (AL-YFDE75Y/HF00
⁴⁸ WF/)EQ.O71D? WF75/)E\$:T.AX:AWE73H LA/YHWF92H WF/):ABFR"81K:
)ET-Y:HWFH03):ELOH"Y03):ADON/I74Y)AB:RFHF80M):A\$E70R HIN:X/A33NIY03?
 B.:/DE74REK:):EME80T LF/QA91XAT)ET-B.AT-):AX/I71Y):ADON/I73Y LI/B:N/O75W00
⁴⁹ 14W:/(AT.FH)IM-YES:/KE63M? (O&I61YM XE94SED WE95/):EME91T)ET-):ADON/I73Y
 HAG.I74YDW. L/I92Y W:/)IM-LO85) HAG.I74YDW. L/I80Y W:/)EP:NE71H
 (AL-?YFMI73YN)O71W (AL-&:MO75)L00 ⁵⁰ WA/Y.A63(AN LFBF70N W./B:TW.)"L03
 WA/Y.O74)M:R80W. M"/Y:HWF73H YFCF74)? HA/D.FBF92R LO71) NW.KA91L
 D.AB."71R)"LE73Y/KF RA71()OW-+O75WB00 ⁵¹ HIN."75H-RIB:QF71H L:/PFNE73Y/KF
 QA74X? WF/L"92K: W./T:HI70Y)I\$.FH03 L:/BEN-):ADONE80Y/KF K.A/):A\$E73R
 D.IB.E71R Y:HWF75H00 ⁵² WA/Y:HI85Y K.A/):A\$E71R \$FMA91(? (E71BED)AB:RFHF73M
)ET-D.IB:R"/Y/HE92M WA/Y.IS:T.A71XW.)A73R:C/FH LA95/YHWF75H00
⁵³ WA/Y.OWC"63) HF/(E61BED? K.:L"Y-KE63SEP W./K:L"70Y ZFHFB03 W./B:GFDI80YM
 WA/Y.IT."73N L:/RIB:QF92H W./MI63G:D.FNO80T NFTA71N L:/)FXI73Y/HF?
 W./L:/)IM./F75H.00 ⁵⁴ WA/Y.O)K:L74W. WA/Y.IS:T.81W. H91W.) W:/HF/):ANF\$I71YM
):A\$ER-(IM./O73W WA/Y.FL92YNW. WA/Y.FQ74W.MW.? BA/B.O80QER WA/Y.O73)MER
 \$AL:XU71/NIY LA95)DON/I75Y00 ⁵⁵ WA/Y.O70)MER)FXI33Y/HF03 W:/)IM./F80H.
 T."\$"63B HA/NA.(ARF71?)IT./F91NW. YFMI73YM)O74W (F&O92WR)AXA73R
 T."L"75K:00 ⁵⁶ WA/Y.O70)MER):AL/"HEM03)AL-T.):AX:AR74W.)OT/I80Y?
 WA95/YHWF73H HIC:LI74YXA D.AR:/K.I92Y \$AL.:X85W./NIY W:/)L:KF73H
 LA95)DON/I75Y00 ⁵⁷ WA/Y.O)M:R73W. NIQ:RF74) LA75/N.A:(ARF92? W:/NI\$):ALF73H
)ET-P.I75Y/HF00 ⁵⁸ WA/Y.IQ:R:)70W. L:/RIB:QFH03 WA/Y.O)M:R74W.)"LE80Y/HF
 H:A/T"L.KI73Y (IM-?HF)/I74Y\$ HA/Z.E92H WA/T.O73)MER)"L"75K:00
⁵⁹ WA75/Y:\$AL.:X91W.)ET-RIB:QF71H):AXOT/F73M W:/)ET-M"NIQ:T./F92H?
 W:/)ET-(E71BED)AB:RFHF73M W:/)ET-):ANF\$F75Y/W00 ⁶⁰ WA/Y:BFR:AK70W.
)ET-RIB:QFH03 WA/Y.O74)M:RW. L/F80H.?):AXOT/"85NW.)A71T.: H:AYI73Y
 L:/)AL:P"74Y R:BFBF92H? W:/YIYRA74\$ ZAR:/"80K:)"73T \$A71(AR &ON:)F75Y/W00
⁶¹ WA/T.F63QFM RIB:QF61H W:/NA:(AROTE81Y/HF WA/T.IR:K.A33B:NFH03
 (AL-HA/G.:MAL.I80YM WA/T."LA73K:NFH)AX:AR"74Y? HF/I92Y\$ WA/Y.IQ.A71X

HF/(E91BED)ET-RIB:QF73H WA/Y."LA75K:00 ⁶² W:/YIC:XFQ03 B.F74) MI/B.O80W) B.:)"71R LA/XA73Y? RO)I92Y W:/H71W.) YOW\$"73B B.:)/E71REC HA/N.E75GEB00 ⁶³ WA/Y."C"71) YIC:XF91Q LF/&71W.XA B.A/&.FDE73H LI/P:NO74WT? (F92REB WA/Y.I.&.F70) ("YNFY/W03 WA/Y.A80R:) W:/HIN."71H G:MAL.I73YM B.F)I75YM00 ⁶⁴ WA/T.I.&.F70) RIB:QFH03)ET-("YNE80Y/HF? WA/T."73RE))ET-YIC:XF92Q WA/T.IP.O73L M"/(A71L HA/G.FMF75L00 ⁶⁵ WA/T.O74)MER)EL-HF/(E81BED MI75Y-?HF)/I70Y\$ HAL.FZEH03 HA/HOL"70K: B.A/&.FDEH03 LI/Q:RF)T/"80NW. WA/Y.O71)MER HF/(E73BED H74W.)):ADON/I92Y WA/T.IQ.A71X? HA/C.F(I73YP WA/T.IT:K.F75S00 ⁶⁶ WA/Y:SAP."71R HF/(E73BED L:/YIC:XF92Q)"71T K.FL-HA/D.:BFRI73YM):ASE71R? (F&F75H00 ⁶⁷ WA/Y:BI)/E74HF YIC:XF81Q HF)/O33H:EL/FH03 &FRF74H)IM./O80W WA/Y.IQ.A94X)ET-RIB:QF91H WA/T.:HIY-?L/O71W L:/)IS.F73H WA/Y.E):EHFB/E92HF WA/Y.IN.FX"71M YIC:XF73Q)AX:AR"71Y)IM./O75W00 **25** ¹ WA/Y.O94SEP)AB:RFHF91M WA/Y.IQ.A71X)IS.F73H W./\$:M/F71H. Q:+W.RF75H00 ² WA/T."74LED L/O81W)ET-?ZIM:RFN03 W:/)ET-YFQ:\$F80N W:/)ET-M:DF73N W:/)ET-MID:YF92N W:/)ET-YIS:B.F73Q W:/)ET-\$75W.XA00 ³ W:/YFQ:\$F74N? YFLA80D)ET-\$:BF73) W:/)ET-D.:DF92N W./B:N"74Y D:DF80N HFY91W.)A\$.W.RI71M W./L:+W.\$I73YM W./L:)UM.I75YM00? ⁴ W./B:N"74Y MID:YF81N ("YPF70H WF/("33PER03 WA/X:ANO80K: WA/):ABIYDF73(W:/)EL:D.F(F92H K.FL-)"73L.EH B.:N"71Y? Q:+W.RF75H00 ⁵ WA/Y.IT."94N)AB:RFHF91M)ET-K.FL-):A\$ER-L/O73W L:/YIC:XF75Q00 ⁶ W:/LI/B:N"70Y? HA/P.I75YLAG:\$IYM03):A\$E74R L:/)AB:RFHF80M NFTA71N)AB:RFHF73M MAT.FNO92T WA75/Y:\$AL:X/"62M M"/(A63L YIC:XF70Q? B.:N/O703 B.:/(OWD/E74N.W. XA80Y Q"73D:M/FH)EL-?E71REC QE75DEM00 ⁷ W:/)"81L.EH Y:M"91Y \$:N"75Y-XAY."71Y)AB:RFHF73M?):A\$ER-XF92Y M.):A71T \$FNF91H W:/SIB:(I71YM \$FNF73H W:/XFM"71\$ \$FNI75YM00 ⁸ WA/Y.IG:WA63(WA/Y.F94MFT)AB:RFHF91M? B.:/&"YBF71H +OWBF73H ZFQ"74N W:/&FB"92(A WA/Y.)F73SEP)EL-(AM.F75Y/W00 ⁹ WA/Y.IQ:B.:R63W.)OT/O61W YIC:XF70Q? W:/YIS:MF(")L03 B.FNF80Y/W)EL-M:(FRA73T HA/M.AK:P."LF92H)EL-&:D"62H (EP:RO70N B.EN-CO33XAR03 HA75/XIT.I80Y?):A\$E73R (AL-P.:N"71Y MAM:R"75)00 ¹⁰ HA/&.FDE91H):A\$ER-QFNF71H)AB:RFHF73M M"/)"74T B.:N"Y-X"92T? \$F91M.FH QUB.A71R)AB:RFHF73M W:/&FRF71H)IS:T./O75W00 ¹¹ WA/Y:HI81Y)AX:AR"Y03 MO74WT)AB:RFHF80M WA/Y:BF71REK:?) :ELOHI73YM)ET-YIC:XF74Q B.:N/O92W WA/Y."74\$EB YIC:XF80Q (IM-B.:)"71R LA/XA73Y RO)I75Y00 ¹² W:/)"91L.EH T.OL:DO71T YIS:MF("73)L B.EN-)AB:RFHF92M):A\$E63R YFL:DF61H HFGF94R HA/M.IC:RI91YT? \$IP:XA71T &FRF73H L:/)AB:RFHF75M00 ¹³ W:/)"81L.EH \$:MOWT03 B.:N"74Y YIS:MF("80)L B.I/\$:MOT/F73M? L:/TOWL:DOT/F92M B.:KO70R YIS:MF(")L03 N:BFY080T W:/Q"DF71R W:/)AD:B.:)"73L W./MIB:&F75M00 ¹⁴ W./MIS:MF71(? W:/DW.MF73H W./MA&.F75)00 ¹⁵ X:ADA74D W:/T"YMF80) Y:+71W.R NFPI73Y\$ WF/Q"75D:MFH00 ¹⁶)"74L.EH H"62M B.:N"70Y? YIS:MF(")L03 W:/)"74L.EH \$:MOT/F80M B.:XAC:R"Y/HE73M W./B:/+I75YROT/F92M \$:N"YM-(F&F71R N:&IY)I73M? L:/)UM.OT/F75M00 ¹⁷ W:/)"81L.EH \$:N"Y03 XAY."74Y YIS:MF("80)L M.):A71T \$FNF91H W./\$:LO\$I71YM \$FNF73H W:/\$E74BA(? \$FNI92YM WA/Y.IG:WA74(WA/Y.F80MFT WA/Y.)F73SEP)EL-(AM.F75Y/W00 ¹⁸ WA/Y.IS:K.:N63W. M"95/X:AWIYLF61H (AD-\$81W.R):A\$ER03? (AL-P.:N"74Y MIC:RA80YIM B.O):AKF73H)A\$.92W.R/FH (AL-P.:N"71Y KFL-)EXF73Y/W NFPF75L00 ¹⁹ W:/)"91L.EH T.OWL:DO71T YIC:XF73Q B.EN-)AB:RFHF92M)AB:RFHF73M HOWL71YD)ET-YIC:XF75Q00? ²⁰ WA/Y:HI70Y YIC:XFQ03 B.EN-)AR:B.F(I74YM \$FNF80H B.:/QAX:T./O74W)ET-RIB:QF81H B.AT-B.:TW.)"L03? HF95/):ARAM.I80Y MI/P.AD.A73N):ARF92M):AXO91WT LFBF71N HF/):ARAM.I73Y L/O71W L:/)IS.F75H00 ²¹ WA/Y.E(:T.A63R YIC:XF70Q? LA95/YHWFH03 L:/NO74KAX)IS:T./O80W K.I71Y (:AQFRF73H HI92W) WA/Y."(F70TER L/O703 Y:HWF80H WA/T.A73HAR RIB:QF71H?)IS:T./O75W00 ²² WA/Y.IT:RO75C:AC70W. HA/B.FNIYM03 B.:/QIR:B./F80H. WA/T.O74)MER)IM-K."80N LF71M.FH Z.E73H)FNO92KIY? WA/T."73LEK: LI/D:RO71\$)ET-Y:HWF75H00 ²³ WA/Y.O63)MER Y:HWF61H L/F81H.? \$:N"70Y **GOWYIM03 B.:/BI+:N/"80K: W./\$:N"74Y L:)UM.I80YM MI/M."(A73Y/IK: YIP.FR"92DW.? W./L:)OM03 MI/L:)O74M YE75):EMF80C W:/RA73B YA(:ABO71D CF(I75YR00? ²⁴ WA/Y.IM:L:)71W. YFME73Y/HF LF/LE92DET W:/HIN."71H TOWMI73M B.:/BI+:N/F75H.00 ²⁵ WA/Y."C"70) HF/RI)\$OWN03?)AD:MOWNI80Y K.UL./O73W K.:/AD.E74RET &"(F92R WA/Y.IQ:R:)71W. \$:M/O73W ("&F75W00

W:/)A75X:AR"Y-K"62N YFCF74)?)FXI81Y/W W:/YFD/O70W)OXE33ZET03 B.A/(:AQ"74B
 ("&F80W WA/Y.IQ:RF71) \$:M/O73W YA:(AQO92B W:/YIC:XF91Q B.EN-\$\$.I71YM
 \$FNF73H? B.:LE71DET)OT/F75M00²⁷ WA95/Y.IG:D.:LW.03 HA/N.:(FRI80YM
 WA/Y:HI74Y ("&F81W)I91Y\$ YOD"71(A CA73YID?)I74Y\$? &FDE92H W:/YA:(AQOB03
)I74Y\$ T.F80M YOS"73B)OHFLI75YM00²⁸ WA/Y.E):EHA71B YIC:XF91Q)ET-("&F73W
 K.IY-CA74YID? B.:PI92Y/W W:/RIB:QF73H)OHE71BET)E75T-YA:(AQO75B00
²⁹ WA/Y.F71ZED YA:(AQO73B NFZI92YD WA/Y.FBO71) ("&F91W MIN-?HA/&.FDE73H
 W:/H71W.) (FY"75P00³⁰ WA/Y.O63)MER ("&F61W)E75L-YA:(AQO81B HAL:(IY+/"70NIY
 NF)03 MIN-HF/)FDO70M? HF/)FDOM03 HA/Z.E80H K.I71Y (FY"73P)FNO92KIY
 (AL-K."71N QFRF75)-\$:M/O73W):EDO75WM00³¹ WA/Y.O73)MER YA:(AQO92B?
 MIK:RF71H KA/Y.O91WM)ET-B.:KO75RFT:KF73 L/I75Y00³² WA/Y.O74)MER ("&F80W
 HIN."91H)FNOKI71Y HOWL"73K: LF/M92W.T? W:/LFM.FH-Z.E71H L/I73Y
 B.:KORF75H00³³ WA/Y.O74)MER YA:(AQO81B HIS.F70B:(FH L./Y03 K.A/Y.O80WM)3
 WA/Y.I\$.FBA73(L/O92W? WA/Y.IM:K.O71R)ET-B.:KORFT/O73W L:/YA:(AQO75B00
³⁴ W:/YA:(AQO62B NFTA74N L:/("&F81W 10LEXEM W./N:ZI74YD (:ADF\$180YM?
 WA/Y.O74)KAL WA/Y."80\$.T.: WA/Y.F73QFM WA/Y."LA92K: WA/Y.I71BEZ ("&F73W
)ET-HA/B.:KORF75H00²⁶ WA/Y:HI70Y RF(FB03 B.F)/F80REC MI/L.:BAD03 HF/RF(F74B
 HF/RI)\$O80WN):A\$E71R HFYF73H B.I/YM"74Y?)AB:RFHF92M WA/Y."94LEK:
 YIC:XF91Q)EL-):ABIYM.E71LEK:|1 ME75LEK:-P.:LI\$:T.I73YM G.:RF75R/FH00
² WA/Y."RF70)?)LFY/W03 Y:HWF80H WA/Y.O73)MER)AL-T."R"74D MIC:RF92Y:M/FH
 \$:KO74N B.F)/F80REC):A\$E73R)OMA71R)"LE75Y/KF00? ³ 10G.W.R]3 B.F)/F74REC
 HA/Z.O80)T W:/)E75H:YE71H (IM./:KF73 WA/):ABFR:K/E92K.F K.I75Y-L:/:KF74
 W.75L:/ZAR:(/:AKF81)ET."N03)ET-?K.FL-HF75/):ARFCO74T HF/)"80L
 WA/H:AQI75MOTIY03)ET-HA/\$.:BU(F80H):A\$E71R NI\$:B.A73(:T.IY L:/)AB:RFHF71M?
)FBI75Y/KF00⁴ W:/HIR:B."YTI70Y)E75T-ZAR:(/:AKF03 K.:KOWK:B"74Y
 HA/\$.FMA80YIM W:/NFTAT.I74Y L:/ZAR:(/:AKF80)"71T K.FL-?HF/):ARFCO73T HF/)"92L
 W:/HIT:B.FR:AK74W. B:/ZAR:(/:AKF80 K.O73L G.OWY"71Y HF/)/F75REC00⁵ ("85QEB
):A\$ER-\$FMA71(?)AB:RFHF73M B.:QOL/I92Y WA/Y.I\$.MOR03 MI\$:MAR.T.I80Y
 MIC:WOT/A73Y XUQ.OWT/A71Y W:/TOWROT/F75Y00⁶ WA/Y."71\$EB YIC:XF73Q?
 B.I/G:RF75R00⁷ WA75/Y.I\$):AL62W.)AN:\$"70Y HA/M.FQOWM03 L:/)IS:T./O80W
 WA/Y.O73)MER):AXO74T/IY HI92W) K.I70Y YFR"03? L"/)MO74R)IS:T./I80Y
 P.EN-YA75HAR:GU61/NIY)AN:\$"70Y HA/M.FQOWM03 (AL-RIB:QF80H
 K.I75Y+OWBA71T MAR:)E73H? HI75Y)00⁸ WA/Y:HI81Y K.I74Y)F75R:KW.-L/O71W
 \$FM03 HA/Y.FMI80YM WA/Y.A\$.Q"81P):ABIYME33LEK:03 ME74LEK: P.:LI\$:T.I80YM?
 B.:(A73D HA95/XAL.O92WN WA/Y.A81R:) W:/HIN."70H YIC:XFQ03 M:CAX"80Q)"73T
 RIB:QF71H)IS:T./O75W00⁹ WA/Y.IQ:RF63)?):ABIYME61LEK: L:/YIC:XF81Q
 WA/Y.O33)MER03)A74K: HIN."70H)IS:T./:KF03 HI80W) W:/)"71YK:)FMA73R:T.F
):AXO74T/IY HI92W)? WA/Y.O70)MER)"LFY/W03 YIC:XF80Q K.I74Y)FMA80R:T.IY
 P.EN-)FM73W.T (FLE75Y/HF00¹⁰ WA/Y.O74)MER):ABIYME80LEK: MAH-Z.O73)T
 (F&I74YTF L./F92NW. 14K.I/M:(A+ \$FKA62B)AXA70D HF/(FM03)ET-)IS:T./E80KF
 W:/H"B")TF71 (FL"73Y/NW.?)F\$F75M00¹¹ WA/Y:CA74W):ABIYME80LEK:
)ET-K.FL-HF/(F73M L"/)MO92R HA/N.OG"61(A B.F)/I71Y\$ HA/Z.E91H? W./B:/)IS:T./O73W
 MO71WT YW.MF75T00¹² WA/Y.IZ:RA70(YIC:XFQ03 B.F)/F74REC HA/HI80W)
 WA/Y.IM:CF91)? B.A/\$.FNF71H HA/HI73W) M")F74H \$:(FRI92YM
 WA95/Y:BFR:AK/"73HW. Y:HWF75H00¹³ WA/Y.IG:D.A73L HF/)/I92Y\$ WA/Y."70LEK:
 HFLOWK:03? W:/GFD"80L (A71D K.I75Y-GFDA73L M:)O75D00¹⁴ WA95/Y:HIY-L/O70W
 MIQ:N"H-CO)N03 W./MIQ:N"74H BFQF80R WA/(:ABUD.F73H? RAB.F92H
 WA/Y:QAN:)71W.)OT/O73W P.:LI\$:T.I75YM00¹⁵ W:/KFL-HA/B.:"RO81T):A\$E70R
 XF75P:RW.03 (AB:D"74Y)FBI80Y/W? B.I/YM"73Y)AB:RFHF74M)FBI92Y/W
 SIT.:M74W./M P.:LI\$:T.I80YM WA/Y:MAL:)73W./M (FPF75R00¹⁶ WA/Y.O71)MER?
):ABIYME73LEK:)EL-YIC:XF92Q 10L"K: M"95/(IM./F80NW.
 K.I75Y-(FCA75M:T.F-MI/M./E73N.W.]3 M:)O75D00¹⁷ WA/Y."71LEK: MI/\$.F73M?
 YIC:XF92Q WA/Y.I71XAN B.:NA75XAL-G.:RF73R WA/Y."71\$EB \$F75M00
¹⁸ WA/Y.F63\$FB YIC:XF61Q WA/Y.AX:P.O74R05)ET-B.:"RO74T? HA/M.A81YIM
):A\$E70R XF75P:RW.03 B.I/YM"Y03)AB:RFHF74M)FBI80Y/W WA/Y:SAT.:M74W./M
 P.:LI\$:T.I80YM)AX:AR"73Y MO74WT?)AB:RFHF92M WA/Y.IQ:RF70) L/FHEN03
 \$"MO80WT K.A/\$."MO85T):A\$ER-QFRF71) L/FHE73N)FBI75Y/W00

WA/Y.AX:P.:R71W.? (AB:D"75Y-YIC:XF73Q B.A/N.F92XAL WA/Y.I63M:C:)W.-\$F80M B.):"73R MA71YIM XAY.I75YM00 20 WA/Y.FRI61YBW. RO("74Y G:RF81R? (IM-RO("71Y YIC:XF91Q L"/)MO73R L/F74NW. HA/M.F92YIM WA/Y.IQ:RF70) "\$75M-HA/B.):"R03 ("80&EQ K.I71Y HI75T:(A&.:Q73W.? (IM./O75W00 21 WA75/Y.AX:P.:RW.03 B.):"74R)AXE80RET WA/Y.FRI73YBW. G.AM-(FLE92Y/HF WA/Y.IQ:RF71) \$:M/F73H. &I+:NF75H00? 22 WA/Y.A(:T."74Q MI/\$.F81M WA/Y.AX:P.OR03 B.):"74R)AXE80RET W:/LO71) RFB73W. (FLE92Y/HF WA/Y.IQ:RF70) \$:M/FH.03? R:XOBO80WT WA/Y.O81)MER K.I75Y-(AT.F62H HIR:XI94YB Y:HWF91H L/F73NW. W./PFRI71YNW. BF)F75REC00 23 WA/Y.A71(AL? MI/\$.F73M B.):"71R \$F75BA(00 24 WA/Y."RF63))"LF70Y/W Y:HWFH03 B.A/L.A74Y:LFH HA/H80W.) WA/Y.O85)MER)FNOKI85Y?):ELOH"73Y)AB:RFHF74M)FBI92Y/KF)AL-T.IYRF)03 K.I75Y-)IT./:KF74)FNO80KIY W./B"75RAK:T.I33Y/KF03 W:/HIR:B."YTI74Y?)E75T-ZAR:(/:AKF80 B.A:(AB73W.R)AB:RFHF71M (AB:D.I75Y00 25 WA/Y.I94BEN \$F74M MIZ:B."81XA WA/Y.IQ:RF)03 B.:)\$"74M? Y:HWF80H WA/Y.E+-\$F73M)FH:FL/O92W WA/Y.IK:RW.-\$F71M (AB:D"Y-YIC:XF73Q B.):"75R00 26 WA/):ABIYME85LEK:?. HFLA71K:)"LF73Y/W MI/G.:RF92R WA/):AXUZ.AT03 M"75/R"/("80HW. W./PIYKO73L &AR-C:BF)/O75W00? 27 WA/Y.O70)MER):AL/"HEM03? YIC:XF80Q MAD.73W.(A B.F)TE74M)"L/F92Y W:/)AT.EM03 &:N")TE74M)OT/I80Y WA/T.:\$AL.:X73W./NIY M"/)IT./:KE75M00? 28 WA/Y.O)M:R81W. RF)O74W RF)IYNW.02 K.I75Y-HFYF74H Y:HWF74H05 (IM./FK:01 WA/N.O81)MER T.:HI63Y NF71))FLF91H B."YNOWT"73Y/NW.? B."YN"74Y/NW. W./B"YN/E92KF W:/NIK:R:TF71H B:RI73YT (IM./F75K:00 29)IM-T.A:(A&"63H)1 (IM./F61NW. RF(F81H K.A):A\$ER03? LO74) N:GA75:(AN80W./KF W:/KA):A\$E63R (F&I70YNW. (IM./:KF03 RAQ-+O80WB WA/N.:\$AL."75X/:AKF73 B.:)\$FLO92WM)AT.F71H (AT.F73H? B.:R71W.K: Y:HWF75H00 30 WA/Y.A70(A& L/FHEM03 MIS:T.E80H WA/Y.O)K:L73W. WA/Y.I\$:T.75W.00 31 WA/Y.A\$:K.I74YMW. BA/B.O80QER? WA/Y.I\$.FB:(73W.)I74Y\$ L:/)FXI92Y/W WA/Y:\$AL.:X/"74M YIC:XF80Q WA/Y."L:K71W. M"/)IT./O73W B.:)\$FLO75WM00 32 WA/Y:HI74Y05? B.A/Y.O74WM HA/H81W.) WA/Y.FBO33)W.03 (AB:D"74Y YIC:XF80Q WA/Y.AG.I74DW. L/O80W (AL-)ODO71WT HA/B.):"73R):A\$E74R XFPF92RW.? WA/Y.O71)M:RW. L/O73W MFCF71)NW. MF75YIM00 33 WA/Y.IQ:RF71))OT/F73H. \$IB:(F92H (AL-K."70N \$"M-HF/(IYR03? B.):"74R \$E80BA((A73D HA/Y.O71WM HA/Z.E75H00 34 WA/Y:HI70Y ("&FW03 B.EN-)AR:B.F(I74YM \$FNF80H WA/Y.IQ.A70X?)I\$.FH03)ET-Y:HW.DI80YT B.AT-B.):"RI73Y HA75/XIT.I92Y W:/)ET-B.F74&:MA80T B.AT-)YLO73N HA95/XIT.I75Y00? 35 WA/T.IH:YE73YNF MO74RAT R92W.XA L:/YIC:XF73Q W./L:/RIB:QF75H00 27 1 WA/Y:HIY03 K.I75Y-ZFQ"74N YIC:XF80Q WA/T.IK:HE71YNF ("YNF73Y/W M"/R:)O92T WA/Y.IQ:RF62))ET-("&F74W05? B.:N/O74W HA/G.FDO81L WA/Y.O70)MER)"LFY/W03 B.:N/I80Y WA/Y.O71)MER)"LF73Y/W HIN."75N/IY00 2 WA/Y.O85)MER HIN."H-NF73)? ZFQA92N:T.IY LO71) YFDA73:(T.IY YO71WM MOWT/I75Y00 3 W:/)AT.FH03 &F)-NF74) K"LE80Y/KF T.EL:Y/:KF73 W:/QA\$:T./E92KF? W:/C")03 HA/&.FDE80H W:/C71W.DFH L./I73Y **CF75YID00 4 WA/(:A&"H-L/I63Y MA+:(AM.I61YM K.A):A\$E71R)FHA91B:T.IY? W:/HFB171Y)FH L./I73Y W:/)OK"92LFH B.A:(AB91W.R T.:BFREK/:KF71 NAP:\$I73Y B.:+E71REM)FM75W.T00 5 W:/RIB:QF74H? \$OMA80(AT B.:/DAB."74R YIC:XF80Q)EL-("&F73W B.:N/O92W WA/Y."70LEK: ("&FW03 HA/&.FDE80H LF/C71W.D CA73YID L:/HFB175Y)00? 6 W:/RIB:QFH03)F75M:RF80H)EL-YA(:AQO71B B.:N/F73H. L"/)MO92R HIN."70H \$FMA33:(T.IY03)ET-)FBI80Y/KF M:DAB."91R?)EL-("&F71W)FXI73Y/KF L"/)MO75R00 7 HFB163Y)FH L./I71Y CA91YID WA/(:A&"H-L/I71Y MA+:(AM.I73YM W:/)OK"92LFH? WA/):ABFREK/:KF91H LI/P:N"71Y Y:HWF73H LI/P:N"71Y MOWT/I75Y00 8 W:/)AT.F71H B:N/I73Y \$:MA74(B.:/QOL/I92Y LA):A\$E71R):ANI73Y? M:CAW.F71H)OT/F75K:00 9 LEK:-NF)03)EL-HA/C.O80)N W:/QA75X-L/I74Y MI/\$.F81M \$:N"91Y G.:DFY"71Y (IZ.I73YM +OBI92YM? W:/)E95:(E&E63H)OT/F94M MA+:(AM.I91YM L:/)FBI73Y/KF K.A):A\$E71R)FH"75B00 10 W:/H"B")TF71 L:/)FBI73Y/KF? W:/)FKF92L B.A:(ABU91R):A\$E71R Y:BFREK/:KF73 LI/P:N"71Y MOWT/O75W00 11 WA/Y.O74)MER YA(:AQO80B)EL-RIB:QF73H?)IM./O92W H"74N ("&F70W)FX/IY03)I74Y\$ &F(I80R W:/)FNOKI73Y)I71Y\$ XFLF75Q00 12)W.LA70Y Y:MU\$./"33NIY03)FBI80Y? W:/HFI71YTIY B:/("YNF73Y/W K.I/M:TA:(T."92(A W:/H"B")TI71Y (FLA91Y Q:LFLF73H W:/LO71) B:RFKF75H00 13 WA/T.O70)MER? L/OW03)IM./O80W (FLA71Y QIL:LFT/:KF73 B.:N/I92Y)A91K: \$:MA71(B.:/QOL/I73Y W:/L"71K: QA75X-L/I75Y00 14 WA/Y."33LEK:03

WA/Y.IQ.A80X? WA/Y.FB"73) L:/)IM./O92W WA/T.A70(A&)IM./OW03 MA+:(AM.I80YM K.A.):A\$E73R)FH"71B)FBI75Y/W00 15 WA/T.IQ.A74X 14RIB:QFH?)ET-B.IG:D"63Y ("&F61W B.:N/F70H. HA/G.FDOL03 HA/X:AMUDO80T):A\$E71R)IT./F73H. B.A/B.F92YIT WA/T.AL:B."71\$)E75T-?YA:(AQO73B B.:N/F71H. HA/Q.F+F75N00 16 W:/)"81T (OROT03 G.:DFY"74Y HF75/(IZ.I80YM HIL:B.I73Y\$FH (AL-YFDF92Y/W W:/A73L? XEL:QA71T CAW.F)RF75Y/W00 17 WA/T.IT."94N)ET-HA/M.A+:(AM.I91YM W:/)ET-HA/L.E73XEM):A\$E74R (F&F92TFH? B.:YA73D YA:(AQO71B B.:N/F75H.00 18 WA/Y.FBO71))EL-)FBI73Y/W WA/Y.O74)MER]3)FB/I92Y WA/Y.O74)MER HIN.E80N./IY MI71Y?)AT.F73H B.:N/I75Y00 19 WA/Y.O63)MER YA:(AQO61B)EL-)FBI81Y/W)FNOKIY03 ("&F74W B.:KOR/E80KF (F&I85YTIY K.A.):A\$E71R? D.IB.A73R:T.F)L/F92Y Q75W.M-NF74) \$:BF81H W:/)FK:LFH03 MI/C."YD/I80Y B.A:(AB73W.R T.:BFR:AK/A71N.IY NAP:\$E75KF00? 20 WA/Y.O70)MER YIC:XFQ03)EL-B.:N/O80W MAH-Z.E91H MIHA71R:T.F LI/M:CO73) B.:N/I92Y WA/Y.O85)MER K.I71Y HIQ:RF91H? Y:HWF71H)E:LOHE73Y/KF L:/PFNF75Y00 21 WA/Y.O70)MER YIC:XFQ03)E75L-YA:(AQO80B G.:\$/FH-N.F71) WA/):AMU75\$/:KF73 B.:N/I92Y? HA75/)AT.F71H ZE91H B.:N/I71Y ("&F73W)IM-LO75)00 22 WA/Y.IG.A94\$ YA:(AQO91B)EL-YIC:XF71Q)FBI73Y/W WA/Y.MUS./"92HW.? WA/Y.O81)MER HA/Q.OL03 QO74WL YA:(AQO80B W:/HA/Y.FDA73YIM Y:D"71Y ("&F75W00 23 W:/LO74) HIK.IYR/O80W K.I75Y-HFY74W. YFDF81Y/W? K.I/YD"91Y ("&F71W)FXI73Y/W &:(IRO92T WA75/Y:BFR:K/"75HW.00 24 WA/Y.O85)MER)AT.F71H ZE73H B.:N/I74Y ("&F92W WA/Y.O73)MER?)F75NIY00 25 WA/Y.O81)MER HAG.I70\$FH L./IY03 W:/)O75K:LFH03 MI/C."74YD B.:N/I80Y L:MA71(AN T.:BF75REK/:KF73 NAP:\$/I92Y WA/Y.AG.E\$-?L/OW03 WA/Y.O)KA80L WA/Y.F94B") L/O72W YA73YIN WA/Y."75\$:T.:00 26 WA/Y.O71)MER)LF73Y/W YIC:XF74Q)FBI92Y/W G.:\$/FH-N.F71)? W:/:QFH-L./I73Y B.:N/I75Y00 27 WA/Y.IG.A\$03 WA/Y.I\$.AQ-L/O80W WA/Y.F91RAX)ET-R"71YXA B.:GFDF73Y/W WA95/Y:BFR:AK/"92HW. WA/Y.O81)MER? R:)"H03 R"74YXA B.:N/I80Y K.:R"74YXA &FDE80H):A\$E71R B.:R:AK/O73W Y:HWF75H00? 28 W:/YI75T.EN-L/:KF03 HF):ELOHI80YM MI/+.AL03 HA/\$.FMA80YIM W./MI/\$.MAN."73Y HF)/F92REC? W:/RO71B D.FGF73N W:/TIYRO75\$00? 29 YA95(AB:D74W./KF (AM.I81YM **W:/YI75\$:T.AX:AW70W. L:/KF03 L:)UM.I80YM? H:EW"70H G:BIYR03 L:/)AXE80Y/KF W:/YI\$:T.AX:AW.71W.]1 L:/KF73 B.:N"74Y)IM./E92KF?)OR:RE74Y/KF)FR80W.R W.95/M:BFR:AKE73Y/KF B.FR75W.K:00? 30 WA/Y:HI81Y K.A.):A\$E63R K.I.L.F74H YIC:XFQ02 L:/BFR"74K:)E75T-YA:(AQOB01 WA/Y:HI81Y)A74K: YFCO70) YFCF)03 YA:(AQO80B? M"/)"71T P.:N"73Y YIC:XF74Q)FBI92Y/W W:/("&F74W)FXI80Y/W B.F73) MI/C."YD/O75W00 31 WA/Y.A70(A& G.AM-HW.)03 MA+:(AM.I80YM? WA/Y.FB"73) L:/)FBI92Y/W WA/Y.O74)MER L:/)FBI81Y/W YFQU70M)FB/IY03 W:/YO)KAL03 MI/C."74YD B.:N/O80W B.A:(AB73W.R? T.:BFR:AK/A71N.IY NAP:\$/E75KF00 32 WA/Y.O71)MER L/O91W YIC:XF71Q)FBI73Y/W MIY-)F92T.FH WA/Y.O85)MER):ANI91Y B.IN:/KF71? B:KO75R:/KF73 ("&F75W00 33 WA/Y.EX:ERA63D YIC:XF74Q X:ARFDFH02 G.:DOLF74H (AD-M:)OD01 WA/Y.O83)MER MI75Y-)"PO83W)? H74W.) HA/C.F75D-CAYID04 WA/Y.F63B") L/I61Y WF/)OKA71L MI/K.O91L B.:+E71REM T.FBO73W) WF):ABFR:AK/"92HW. G.AM-?B.FR73W.K: YIH:YE75H00 34 K.I.\$:MO70(A ("&FW03)ET-D.IB:R"74Y)FBI80Y/W WA/Y.IC:(A74Q C:(FQF80H G.:DOLF71H? W./MFRF73H (AD-M:)O92D WA/Y.O74)MER L:/)FBI80Y/W B.FR:AK/"71NIY GAM-)F73NIY)FB/I75Y00 35 WA/Y.O85)MER B.F71)?)FXI73Y/KF B.:MIR:MF92H WA/Y.IQ.A73X B.IR:KFT/E75KF00 36 WA/Y.O83)MER H:A/KIY04 QFRF63) \$:M/O61W YA:(AQO81B? WA95/Y.A:(Q:B/"33NIY03 ZE74H PA:(AMA80YIM)ET-B.:KORFT/I74Y LFQF80X W:/HIN."71H (AT.F73H LFQA74X B.IR:KFT/I92Y WA/Y.O)MA85R? H:A/LO-)FCA71L:T.F L:/I73Y B.:RFKF75H00 37 WA/Y.A63(AN YIC:XF61Q WA/Y.O74)MER L:/("&F81W H"74N G.:BI62YR &AM:T.I71Y/W? L/FK:03 W:/)ET-K.FL-)EXF81Y/W NFTA70T.IY L/OW03 LA/(:ABFDI80YM W:/DFGF71N W:/TIYRO73\$ S:MAK:T.I92Y/W W.L:/:KF74H?)"PO80W) MF71H)E95:(E&E73H B.:N/I75Y00 38 WA/Y.O63)MER ("&F61W)EL-)FBI81Y/W HA75/B:RFKF63H)AXA70T HI75W)-?L:/KF03)FB/I80Y B.FR:AK/"71NIY GAM-)F73NIY)FB/I92Y WA/Y.I.&.F71) ("&F91W QOL/O73W WA/Y."75B:K.:00 39 WA/Y.A91(AN YIC:XF71Q?)FBI73Y/W WA/Y.O74)MER)"LF92Y/W? HIN."62H MI/\$.MAN."70Y HF)/F33REC03 YIH:YE74H MO75W\$FB/E80KF W./MI/+.A71L HA/\$.FMA73YIM M"/(F75L00? 40 W:/(AL-XAR:B.:KF74

TI75X:YE80H W:/)ET-)FXI73Y/KF T.A:(ABO92D? W:/HFYFH03 K.A.):A\$E74R T.FRI80YD
 W./PFRQAQ:T.F71 (UL./O73W M"/(A71L CAW.F)R/E75KF00? 41 WA/Y.I&:+O70M ("&FW03
)E75T-YA:(AQO80B (AL-HA63/B.:RFKF80H):A\$E71R B."R:AK/O73W)FBI92Y/W
 WA/Y.O63)MER ("&F61W? B.:LIB./O81W YIQ:R:BW.03 Y:M"Y03)"74BEL)FB/I80Y
 W:/)A75HAR:GF73H)ET-YA:(AQO71B)FX/I75Y00 42 WA/Y.UG.A74D L:/RIB:QF80H?
)ET-D.IB:R"71Y ("&F73W B.:N/F74H. HA/G.FDO92L WA/T.I\$:LA62X WA/T.IQ:RF70)
 L:/YA:(AQOB03 B.:N/F74H. HA/Q.F+F80N WA/T.O74)MER?)"LF80Y/W HIN."H03
 ("&F74W)FXI80Y/KF MIT:NAX"71M L:/KF73 L:/HFR:G/E75KF00 43 W:/(AT.F71H B.:N/I73Y
 \$:MA74(B.:/QOL/I92Y? W:/Q94W.M B.:RAX-L:/KF91)EL-LFBF71N)FX/I73Y
 XFRF75N/FH00 44 W:/YF\$AB:T.F71 (IM./O73W YFMI74YM):AXFDI92YM (A71D?
):A\$ER-T.F\$73W.B X:AMA71T)FXI75Y/KF00 45 (AD-\$63W.B)AP-)FXI61Y/KF MI/M./:KF81
 W:/\$FKAX03)"74T):A\$ER-(F&I74YTF L./O80W W:/\$FLAX:T.I73Y W./L:QAX:T.I74Y/KF
 MI/\$.F92M LFMF71H)E\$:K.A91L G.AM-\$:N"Y/KE73M YO71WM)EXF75D00?
 46 WA/T.O70)MER RIB:QFH03)EL-YIC:XF80Q QA74C:T.IY B:/XAY.A80Y MI/P.:N"73Y
 B.:NO74WT X"92T)IM-?LOQ"74XA 14YA:(AQOB)I\$.F63H MI/B.:NO75WT-X"70T
 K.F)"33L.EH03 MI/B.:NO74WT HF/)F80REC LF71M.FH L./I73Y XAY.I75YM00?
28 1 WA/Y.IQ:RF71) YIC:XF91Q)E75L-YA:(AQO73B WA/Y:BF74REK:)OT/O92W
 WA/Y:CAW./"33HW.03 WA/Y.O74)MER L/O80W LO75)-TIQ.A71X?)I\$.F73H
 MI/B.:NO71WT K.:NF75(AN00 2 Q71W.M L"K:03 P.AD.E74N/F75H):ARF80M B."71YT/FH
 B:TW.)"73L):ABI74Y)IM./E92KF? W:/QAX-L:/KF70 MI/\$.FM03)I\$.F80H MI/B.:NO71WT
 LFBF73N):AXI71Y)IM./E75KF00 3 W:/)70L \$AD.AY03 Y:BFR"74K:)O75T:KF80?
 W:/YAP:R:KF73 W:/YAR:B./E92KF W:/HFYI73YTF LI/Q:HA71L (AM.I75YM00
 4 W:/YI75T.EN-L:/KF03)ET-B.IR:K.A74T)AB:RFHF80M? L:/KF73 W./L:/ZAR:(/AKF74
)IT./F92K: L:/RIS:T./:KF03)ET-)E74REC M:GURE80Y/KF):A\$ER-NFTA71N):ELOHI73YM?
 L:/)AB:RFHF75M00 5 WA/Y.I\$:LA70X YIC:XFQ03)E75T-YA:(AQO80B WA/Y."73LEK:
 P.AD.E74N/F75H):ARF92M)EL-LFBF70N? B.EN-B.:TW.)"L03 HF75/):ARAM.I80Y
):AXI74Y RIB:QF80H)"71M YA:(AQO73B W:/("&F75W00 6 WA/Y.A74R:) ("&F81W
 K.I75Y-?B"RA74K: YIC:XFQ02)E75T-YA:(AQOB01 W:/\$IL.A70X)OT/OW03
 P.AD.E74N/F75H):ARF80M LF/QA75XAT-L/O71W MI/\$.F73M)I\$.F92H?
 B.:BFR:AK/O74W)OT/O80W WA/Y:CA70W (FLFY/W03 L"/)MO80R LO75)-TIQ.A71X
)I\$.F73H MI/B.:NO71WT K.:NF75(AN00 7 WA/Y.I\$:MA74(? YA:(AQO80B)EL-)FBI73Y/W
 W:/)EL-)IM./O92W WA/Y."73LEK: P.AD.E71N/F75H):ARF75M00 8 WA/Y.A74R:) ("&F80W
 K.I71Y RF/O73WT? B.:NO74WT K.:NF92(AN B.:/"YN"73Y YIC:XF71Q)FBI75Y/W00
 9 WA/Y."71LEK: ("&F73W)EL-YIS:MF("92)L WA/Y.IQ.A83X?)E75T-MFX:ALA74T05
 B.AT-YIS:MF("63)L B.EN-)AB:RFHF61M):AXO94WT N:BFYO91WT (AL-NF\$F73Y/W
 L/O71W? L:/)I\$.F75H00 10 WA/Y."C"71) YA:(AQO73B MI/B.):"74R \$F92BA(WA/Y."73LEK:
 XFRF75N/FH00? 11 WA/Y.IP:G.A63(B.A.M.FQO61WM WA/Y.F70LEN \$FM03 K.IY-BF74)
 HA/\$.E80M\$ WA/Y.IQ.AX03 M"/)AB:N"74Y HA/M.FQO80WM WA/Y.F73&EM?
 M:RA75):A\$OTF92Y/W WA/Y.I\$:K.A73B B.A/M.FQO71WM HA/H75W.)00
 12 WA95/Y.AX:ALO81M W:/HIN."70H SUL.FM03 MUC.F74B)A8OR:C/FH? W:/RO)\$O73W
 MAG.I74Y(A HA/\$.FMF92Y:M/FH W:/HIN."H03 MAL:):AK"74Y):ELOHI80YM (OLI71YM
 W:/YOR:DI73YM B./O75W00? 13 W:/HIN."63H Y:HWF61H NIC.F74B (FLFY/W02
 WA/Y.O)MAR01):ANI74Y Y:HWF81H):ELOH"Y03)AB:RFHF74M)FBI80Y/KF
 W"/)LOH"73Y? YIC:XF92Q HF/)F81REC):A\$E70R)AT.FH03 \$OK"74B (FLE80Y/HF
 L:/KF71)ET.:N/E73N.FH W./L:/ZAR:(E75KF00 14 W:/HFYF70H? ZAR:(/AKF03
 K.A:(APA74R HF/)F80REC W./PFRAC:T.F91 YF71M.FH WF/Q"73D:M/FH
 W:/CFPO74N/FH WF/NE92G:B./FH W:/NIB:R:AK71W. B:/KF91? K.FL-MI\$:P.:XO71T
 HF/):ADFMF73H W./B:/ZAR:(E75KF00 15 W:/HIN."63H)FNOKI61Y (IM./F81K:
 W./\$:MAR:T.I33Y/KF03 B.:/KO74L?):A\$ER-T."L"80K: WA/H:A\$174BOTI80Y/KF
)EL-HF/):ADFMF73H HA/Z.O92)T 10K.IY LO74))E95:(EZFB:/KF80 10(AD):A\$E74R?
)IM-(F&I80YTIY)"71T):A\$ER-D.IB.A73R:T.IY L/F75K:00 16 WA/Y.IYQA74C YA:(AQOB02
 MI/\$.:NFT/OW01 WA/Y.O85)MERJ3)FK"N03? Y"74\$ Y:HWF80H B.A/M.FQO73WM
 HA/Z.E92H W:/)FNOKI73Y LO71) YFDF75:(T.IY00 17 WA/Y.IYRF)03 WA/Y.O)MA80R
 MAH-N.OWRF73)? HA/M.FQO74WM HA/Z.E92H)"74YN ZE81H 10K.IY)IM-B."74YT
):ELOHI80YM W:/ZE73H \$A71(AR HA/\$.FMF75YIM00 18 WA/Y.A\$:K."63M? YA:(AQO61B
 B.A/B.O81QER WA/Y.IQ.A70X)ET-HF/)E33BEN03):A\$ER-&F74M M:RA75):A\$OTF80Y/W
 WA/Y.F71&EM)OT/F73H. MAC."BF92H? WA/Y.IC071Q \$E73MEN (AL-RO)\$/F75H.00

WA/Y.IQ:RF91))ET-\$"75M-HA/M.FQO71WM HA/H73W.) B."75YT-)"92L? W:/)W.LF91M
 L71W.Z \$"M-HF/(I73YR LF/RI)\$ONF75H00 20 WA/Y.ID.A71R YA(:AQO73B NE74DER
 L"/)MO92R)IM-?YIH:YE63H):ELOHI61YM (IM.FD/I81Y W:/\$.MFR/A33NIY03
 B.A/D.E70REK: HA/Z.EH03):A\$E74R)FNOKI74Y HOWL"80K: W:/NF75TAN-L/I71Y?
 LE91XEM LE/):EKO73L W./BE71GED LI/L.B.O75\$00 21 W:/\$AB:T.I71Y B:/FLO73WM
)EL-B."74YT)FB/I92Y W:/HFYF94H Y:HWF91H? L/I73Y L"/)LOHI75YM00
 22 W:/HF/)E74BEN HA/Z.O81)T):A\$ER-&A33M:T.IY03 MAC."BF80H YIH:YE73H B."74YT
):ELOHI92YM? W:/KOL03):A\$E74R T.IT.EN-L/I80Y (A&."73R):A(A&.:R/E71N.W.
 L/F75K:00? 29 1 WA/Y.I.&F71) YA(:AQO73B RAG:LF92Y/W WA/Y."73LEK:)A71R:C/FH
 B:N"Y-QE75DEM00 2 WA/Y.A62R:) W:/HIN."94H? B:)"74R B.A/&FDE81H
 W:/HIN."H-\$F62M \$:LO\$F70H (ED:R"Y-CO)N03 ROB:CI74YM (FLE80Y/HF 10K.IY
 MIN-HA/B.):"74R? HA/HI80W) YA\$:Q73W. HF/(:ADFR192YM W:/HF/)E71BEN
 G.:DOLF73H (AL-P.I71Y HA/B.):"75R00 3 W:/NE)ES:PW.-\$F74M./FH?
 KFL-HF/(:ADFR181YM W:/GFL:AL70W.)ET-HF/)E33BEN03 M"/(AL03 P.I74Y HA/B.):"80R
 W:/HI\$:Q73W.)ET-HA/C.O92)N? W:/H"\$94YBW.)ET-HF/)E91BEN (AL-P.I71Y
 HA/B.):"73R LI/M:QOM/F75H.00 4 WA/Y.O70)MER L/FHEM03 YA(:AQO80B)AXA73Y?
 M"/)A74YIN)AT.E92M WA/Y.O74)M:R80W. M"/XFRF73N):ANF75X:NW.00
 5 WA/Y.O74)MER L/FHE80M HA/Y:DA:(T.E73M)ET-LFBF74N? B.EN-NFXO92WR
 WA/Y.O)M:R73W. YFDF75:(NW.00 6 WA/Y.O71)MER L/FHE73M H:A/\$FLO74WM L/O92W
 WA/Y.O)M:R74W. \$FLO80WM W:/HIN."H03? RFX"74L B.IT./O80W B.F)F73H
 (IM-HA/C.O75)N00 7 WA/Y.O81)MER H"71N (OWD03 HA/Y.O74WM G.FDO80WL
 LO)-("73T H")FS"74P? HA/M.IQ:NE92H HA\$:Q71W. HA/C.O73)N W/L:K71W. R:(75W.00
 8 WA/Y.O)M:RW.02 LO74) NW.KAL01 (A74D):A\$E70R Y")F75S:PW.03?
 K.FL-HF74/(:ADFR180YM W:/GF75L:ALW.03)ET-HF/)E80BEN M"/(A73L P.I74Y
 HA/B.):"92R W:/HI\$:QI73YNW. HA/C.O75)N00? 9 (OWD/E73N.W. M:DAB."74R (IM./F92M
 W:/RFX"74L05 B.F81)FH (IM-HA/C.O)N03):A\$E74R L:/)FBI80Y/HF K.I71Y RO(F73H?
 HI75W)00 10 WA/Y:HI83Y K.A):A\$ER04 RF)F63H YA(:AQO61B)ET-RFX"81L
 B.AT-LFBFN03):AXI74Y)IM./O80W W:/)ET-?CO71)N LFBF73N):AXI74Y)IM./O92W
 WA/Y.IG.A74\$ YA(:AQO81B WA/Y.F70GEL)ET-HF/)E33BEN03 M"/(AL03 P.I74Y
 HA/B.):"80R WA/Y.A85\$:Q:?)ET-CO71)N LFBF73N):AXI71Y)IM./O75W00
 11 WA/Y.IS.A71Q YA(:AQO73B L:/RFX"92L WA/Y.I.&F71))ET-QOL/O73W
 WA/Y."75B:K.:00? 12 WA/Y.AG."63D YA(:AQO61B L:/RFX"81L K.I74Y):AXI70Y
)FBI33Y/HF03 H80W.) W:/KI71Y BEN-RIB:QF73H H92W.) WA/T.F73RFC WA/T.AG."71D?
 L:/)FBI75Y/HF00 13 WA/Y:HIY04 KI/\$:MO63(A LFBF61N)ET-\$"74MA(05 YA(:AQO74B
 B.EN-):AXOT/O81W WA/Y.F70RFC LI/Q:RF)T/OW03? WA/Y:XAB.EQ-L/OW03
 WA/Y:NA\$.EQ-L/O80W WA/Y:BIY)"73HW.)EL-B."YT/O92W WA/Y:SAP."74R
 L:/LFBF80N)"71T K.FL-?HA/D.:BFRI73YM HF/)"75L.EH00 14 WA/Y.O70)MER L/OW03
 LFBF80N)A91K: (AC:M/I71Y W./B:&FR/I73Y)F92T.FH WA/Y."71\$EB? (IM./O73W
 XO71DE\$ YFMI75YM00 15 WA/Y.O70)MER LFBFN03 L:/YA(:AQO80B H:A/KIY)-FX/I74Y
)A80T.FH WA/(:ABAD:T./A73NIY XIN.F92M? HAG.I71YDFH L./I73Y
 MAH-M.A&:K.UR:T./E75KF00 16 W./L:/LFBF73N \$:T."74Y BFNO92WT \$"70M
 HA/G.:DOLF73H L")F80H W:/S"71M? HA/Q.:+AN.F73H RFX"75L00 17 W/("YN"71Y
 L")F73H RAK.O92WT W:/RFX"L03 HF75Y:TF80H Y:PAT-T.O73)AR WI/YPA71T?
 MAR:)E75H00 18 WA/Y.E):EHA71B YA(:AQO73B)ET-RFX"92L WA/Y.O81)MER
)E95:(EBFD):KF03 \$E74BA(\$FNI80YM B.:RFX"71L? B.IT./:KF73 HA/Q.:+AN.F75H00
 19 WA/Y.O74)MER LFBF81N 10+OWB)3 T.IT.I74Y)OT/F74H. L/F80K: MI/T.IT.I71Y
)OT/F73H. L:/)I74Y\$?)AX"92R \$:BF73H (IM.FD/I75Y00 20 WA/Y.A:(ABO94D YA(:AQO91B
 B.:RFX"73L \$E74BA(\$FNI92YM WA/Y.IH:Y70W. B:/("YNFY/W03? K.:YFMI74YM
):AXFDI80YM B.:)AH:ABFT/O73W)OT/F75H.00 21 WA/Y.O63)MER YA(:AQO70B
)EL-LFBFN03 HFBF74H)ET-?)I\$:T./I80Y K.I71Y MFL:)73W. YFM/F92Y W:/)FBO73W)/FH
)"LE75Y/HF00 22 WA/Y.E):ESO71P LFBF91N)ET-K.FL-)AN:\$"71Y? HA/M.FQO73WM
 WA/Y.A71(A& MIS:T.E75H00 23 WA/Y:HI74Y BF/(E80REB WA/Y.IQ.AX03)ET-L")F74H
 BIT./O80W WA/Y.FB"71))OT/F73H.?)"LF92Y/W WA/Y.FBO73))"LE75Y/HF00
 24 WA/Y.IT."70N LFBFN03 L/F80H.)ET-ZIL:P.F73H \$IP:XFT/O92W L:/L")F71H BIT./O73W?
 \$IP:XF75H00 25 WA/Y:HI74Y BA/B.O80QER W:/HIN."H-HI73W) L")F92H WA/Y.O74)MER
)EL-LFBF81N MAH-Z.O)T03? (F&I74YTF L./I80Y H:A/LO70) B:/RFX"L03 (FBA74D:T.IY
 (IM./F80K: W:/LF73M.FH RIM.IYT/F75NIY00 26 WA/Y.O74)MER LFBF80N

Y"(F&E71H K"73N B.I/M:QOWM/"92NW. LF/T"71T HA/C.:(IYRF73H LI/P:N"71Y
 HA/B.:.KIYRF75H00 27 MAL."73) \$:BU74(A ZO92)T? W:/NIT.:NF63H L:/KF61
 G.AM-)ET-ZO81)T B.A/(:ABODFH03):A\$E74R T.A(:ABO74D (IM.FD/I80Y (O73WD
 \$E75BA(-\$FNI71YM?):AX"RO75WT00 28 WA/Y.A70(A& YA(:AQOB03 K."80N
 WA/Y:MAL."73) \$:BU74(A ZO92)T WA/Y.IT.EN-L/O91W)ET-RFX"71L B.IT./O73W?
 L/O71W L:/)I\$.F75H00 29 WA/Y.IT."70N LFBFN03 L:/RFX"74L B.IT./O80W)ET-B.IL:HF73H
 \$IP:XFT/O92W L/F73H. L:/\$IP:XF75H00? 30 WA/Y.FBO)03 G.A74M)EL-RFX"80L
 WA/Y.E):EHA71B G.A75M-)ET-RFX"73L MI/L.")F92H WA/Y.A(:ABO74D (IM./O80W
 (O73WD? \$E75BA(-\$FNI71YM):AX"RO75WT00 31 WA/Y.A70R:) Y:HWFH03
 K.I75Y-&:NW.)F74H L")F80H WA/Y.IP:T.A73X)ET-?RAX:M/F92H. W:/RFX"73L
 (:AQFRF75H00 32 WA/T.A70HAR L")FH03 WA/T."74LED B."80N WA/T.IQ:RF71) \$:M/O73W
 R:)W.B"92N K.I74Y?)F75M:RF81H K.I75Y-RF)F70H Y:HWFH03 B.:(FN:Y/I80Y K.I71Y
 (AT.F73H YE):EHFB/A71NIY)IY\$/I75Y00 33 WA/T.A74HAR (OWD02? WA/T."74LED
 B."N01 WA/T.O81)MER K.I75Y-\$FMA70(Y:HWFH03 K.I75Y-&:NW.)F74H)FNO80KIY
 WA/Y.IT.EN-L/I73Y G.AM-)ET-ZE92H? WA/T.IQ:RF71) \$:M/O73W \$IM:(O75WN00
 34 WA/T.A74HAR (OWD02 WA/T."74LED B."N01 WA/T.O81)MER (AT.F70H
 HA/P.A33(AM03 YIL.FWE70H?)IY\$/IY03)"L/A80Y K.I75Y-YFLA71D:T.IY L/O73W
 \$:LO\$F74H BFNI92YM (AL-K."71N QFRF75)-\$:M/O73W L"WI75Y00? 35 WA/T.A63HAR
 (O61WD WA/T."74LED B."81N WA/T.O33)MER03 HA/P.A33(AM03)OWDE74H
)ET-Y:HWF80H (AL-K."91N QFR:)F71H? \$:M/O73W Y:HW.DF92H WA75/T.A(:AMO73D
 MI/L.E75DET00 30 1 WA/T."74RE) RFX"81L K.I74Y LO70) YF75L:DFH03 L:/YA(:AQO80B?
 WA/T.:QAN."71) RFX"73L B.A/):AXOT/F92H. WA/T.O70)MER)E75L-YA(:AQOB03
 HF75BFH-L./I74Y BFNI80YM W:/)IM-)A73YIN M"TF71H?)FNO75KIY00
 2 WA/Y.I75XAR-)A71P YA(:AQO73B B.:/RFX"92L WA/Y.O81)MER H:A/TA70XAT
):ELOHIYM03)FNO80KIY):A\$ER-?MFNA71(MI/M."73K: P.:RIY-BF75+EN00
 3 WA/T.O85)MER HIN."91H):AMFT/I71Y BIL:HF73H B.O74))"LE92Y/HF W:/T"L"D03?
 (AL-B.IR:K./A80Y W:/)IB.FNE71H GAM-)FNOKI73Y MI/M./E75N.FH00
 4 WA/T.IT.EN-L/O91W)ET-B.IL:HF71H \$IP:XFT/F73H.? L:/)I\$.F92H WA/Y.FBO71)
)"LE73Y/HF YA(:AQO75B00 5 WA/T.A74HAR B.IL:HF80H WA/T."71LED L:/YA(:AQO73B
 B."75N00 6 WA/T.O70)MER? RFX"L03 D.FN/A74N.IY):ELOHI80YM W:/GAM03 \$FMA74(
 B.:/QOL/I80Y WA/Y.IT.EN-L/I73Y B."92N (AL-K."91N QFR:)F71H \$:M/O73W D.F75N00?
 7 WA/T.A74HAR (O80WD WA/T."85LED B.IL:HF73H \$IP:XA74T RFX"92L B."71N \$"NI73Y
 L:/YA(:AQO75B00 8 WA/T.O74)MER? RFX"81L NAP:T.W.L"63Y):ELOHI94YM05
 NIP:T.A91L:T.IY (IM-):AXOT/I73Y G.AM-YFKO92L:T.IY WA/T.IQ:RF71) \$:M/O73W?
 NAP:T.FLI75Y00 9 WA/T."74RE) L")F80H K.I71Y (FM:DF73H MI/L.E92DET WA/T.IQ.AX03
)ET-ZIL:P.F74H \$IP:XFT/F80H.? WA/T.IT."71N)OT/F91H. L:/YA(:AQO73B L:/)I\$.F75H00
 10 WA/T."81LED ZIL:P.F91H \$IP:XA71T L")F73H L:/YA(:AQO71B B."75N00?
 11 WA/T.O71)MER L")F73H **B.F74) **GF92D WA/T.IQ:RF71))ET-\$:M/O73W G.F75D00
 12 WA/T."81LED ZIL:P.FH03 \$IP:XA74T? L")F80H B."71N \$"NI73Y L:/YA(:AQO75B00
 13 WA/T.O74)MER L")F80H B.:/)F\$:R/I85Y K.I71Y)I\$.:R73W./NIY B.FNO92WT?
 WA/T.IQ:RF71))ET-\$:M/O73W)F\$"75R00 14 WA/Y."63LEK: R:)W.B"61N B.I/YM"74Y
 Q:CIYR-XI+.I81YM WA/Y.IM:CF70)? D75W.DF)IYM03 B.A/&.FDE80H WA/Y.FB"74)
)OT/F80M)EL-L")F73H)IM./O92W WA/T.O70)MER RFX"L03)EL-L")F80H? T.:NIY-NF74)
 L/I80Y MI/D.W.DF)"73Y B.:N/"75K:00 15 WA/T.O74)MER L/F81H. HA/M:(A+03
 QAX:T./"74K:)ET-)IY\$/I80Y? W:/LFQA85XAT G.A71M)ET-D.W.DF)"73Y B.:N/I92Y
 WA/T.O74)MER RFX"81L LF/K"N03 YI\$:K.A70B (IM.FK:03 HA/L.A80Y:LFH T.A.73XAT?
 D.W.DF)"71Y B.:N/"75K:00 16 WA/Y.FBO63) YA(:AQO74B]3 MIN-HA/&.FDEH02
 B.F/(EREB01 WA/T."C"63) L")F61H LI/Q:RF)T/O81W? WA/T.O33)MER03)"L/A74Y
 T.FBO80W) 10K.IY &FKO74R &:KAR:T.I80Y/KF B.:/DW.DF)"73Y B.:N/I92Y
 WA/Y.I\$:K.A71B (IM./F73H. B.A/L.A71Y:LFH? H75W.)00 17 WA/Y.I\$:MA71():ELOHI73YM
)EL-L")F92H WA/T.A91HAR WA/T."71LED L:/YA(:AQO73B B."71N X:AMIY\$I75Y00?
 18 WA/T.O74)MER L")F81H NFTA70N):ELOHIYM03 &:KFR/I80Y):A\$ER-NFTA71T.IY
 \$IP:XFT/I73Y L:/)IY\$/I92Y WA/T.IQ:RF71)? \$:M/O73W YI&.F#KF75R00 19 WA/T.A70HAR
 (OWD03 L")F80H WA/T."71LED B."N-\$I\$.I73Y L:/YA(:AQO75B00]1 20 WA/T.O74)MER?
 L")F81H Z:BFD/A63NIY):ELOHI71YM05)OT/IY02 Z"74BED +OWB01 HA/P.A33(AM03
 YIZ:B.:L/"74NIY)IY\$/I80Y K.I75Y-YFLA71D:T.IY L/O73W? \$I\$.F74H BFNI92YM
 WA/T.IQ:RF71))ET-\$:M/O73W Z:BUL75W.N00 21 W:/)AXA73R YF74L:DFH B.A92T

WA/T.IQ:RF71))ET-?\$.M/F73H. D.IYNF75H00 22 WA/Y.IZ:K.O71R):ELOHI73YM
)ET-RFX"92L WA/Y.IS:MA70()LE33Y/HF03):ELOHI80YM WA/Y.IP:T.A73X?
)ET-RAX:M/F75H.00 23 WA/T.A73HAR WA/T."74LED B."92N WA/T.O85)MER)FSA71P
):ELOHI73YM)ET-XER:P.FT/I75Y00? 24 WA/T.IQ:RF94))ET-\$.M/O91W YOWS"73P
 L"/)MO92R YOS"94P Y:HWF91H L/I73Y B."71N)AX"75R00 25 WA/Y:HI85Y? K.A.):A\$E91R
 YFL:DF71H RFX"73L)ET-YOWS"92P WA/Y.O70)MER YA(:AQOB03)EL-LFBF80N
 \$AL:.X/"33NIY03 W:/)"74L:KF80H?)EL-M:QOWM/I73Y W./L:/)AR:C/I75Y00 26 T.:NF62H
)ET-NF\$/A74Y W:/)ET-Y:LFD/A81Y):A\$E63R (FBA94D:T.IY)O75T/:KF91? B./FH"73N
 W:/)"L"92KFH 10K.IY)AT.F74H YFDA80(:T.F)ET-(ABODFT/I73Y):A\$E71R
 (:ABAD:T.I75Y/KF00 27 WA/Y.O70)MER?)LFY/W03 LFBF80N)IM-NF91) MFCF71)TIY
 X"73N B.:(("YNE92Y/KF NIXA85\$:T.IY WA/Y:BFR:AK/"71NIY Y:HWF73H
 B.I/G:LFL/E75KF00? 28 WA/Y.O)MA92R NFQ:BF94H &:KFR/:KF91 (FL/A73Y
 W:/)ET."75NFH00 29 WA/Y.O74)MER)"LF80Y/W)AT.F74H YFDA80(:T.F)"73T?):A\$E74R
 (:ABAD:T.I92Y/KF W:/)"91T):A\$ER-HFYF71H MIQ:N/:KF73)IT./I75Y00 30 K.I83Y M:(A+04
):A\$ER-HFYF63H L/:KF70? L:/PFNAY03 WA/Y.IP:RO74C LF/RO80B WA/Y:BF94R/EK:
 Y:HWF91H)OT/:KF73 L:/RAG:L/I92Y W:/(AT.F81H MFTA91Y)E95:(E&E71H
 GAM-?)FNOKI73Y L:/B"YT/I75Y00 31 WA/Y.O73)MER MF74H)ET.EN-L/F92K:
 WA/Y.O70)MER YA(:AQOB03 LO)-TIT.EN-L/I74Y?j3 M):80W.MFH
)IM-T.A95(:A&EH-L/IY03 HA/D.BFB74R HA/Z.E80H)F\$91W.BFH)ER:(E71H
 CO75)N/:KF73)E\$:MO75R00? 32)E95:(EBO63R B.:/KFL-CO75)N/:KF61 HA/Y.O81WM
 HFS"63R MI/\$.F61M K.FL-&E74H05 NFQO74D W:/+FL81W.) W:/KFL-&EH-?XW.M03
 B.A/K.:&FBI80YM W:/+FL71W.) W:/NFQO73D B.F/(IZ.I92YM W:/HFYF73H &:KFR/I75Y00
 33 W:/(F75N:TFH-B./I70Y CID:QFT/IY03? B.:YO74WM MFXF80R K.I75Y-TFBO71W)
 (AL-&:KFR/I73Y L:/PFNE92Y/KF K.O74L):A\$ER-)"YN/EN.W.04 NFQO63D W:/+FL61W.)?
 B.F75/(IZ.I81YM W:/XW.M03 B.A/K.:&FBI80YM G.FN71W.B H73W.))IT./I75Y00
 34 WA/Y.O71)MER LFBF73N H"92N L73W. Y:HI71Y? KI/D:BFR/E75KF00 35 WA/Y.F74SAR
 B.A/Y.OWM04 HA/H63W.))ET-HA/T.:YF\$161YM HF75:(AQUD.I74YM
 W:/HA/+.LU)I81YM W:/)"70T? K.FL-HF95/(IZ.IYM03 HA/N.:QUD.O74WT
 W:/HA/+.LU)O80T K.O70Lj3):A\$ER-LFBFN03 B./O80W W:/KFL-X73W.M
 B.A/K.:&FBI92YM? WA/Y.IT."73N B.:YAD-B.FNF75Y/W00 36 WA/Y.F81&EM 10D.EREK:
 \$:LO74\$ET YFMI80YM B."YN/O73W W./B"74YN YA(:AQO92B W:/YA(:AQO81B?
 RO(E91H)ET-CO71)N LFBF73N HA/N.OWTFRO75T00 37 WA/Y.I75Q.A75X-L/O74W
 YA(:AQO81B MAQ.A71L LIB:NE91H LA73X W:/L74W.Z? W:/(ER:MO92WNj1
 WA/Y:PAC."70L B.F/H"N03 P.:CFLO74WT L:/BFNO80WT MAX:&OP03 HA/L.FBF80N
):A\$E73R (AL-HA/M.AQ:LO75WT00? 38 WA/Y.AC."81G)ET-HA/M.AQ:LOWT03):A\$E74R
 P.IC."80L B.F/R:FHF+I73YM B.:\$I75Q:ATO74WT HA/M.F92YIM):A\$ER04 T.FBO63)NF?
 HA/C.O70)N LI/\$:T.OWT03 L:/NO74KAX HA/C.O80)N WA/Y."XA73M:NFH B.:/BO)F71N
 LI/\$:T.O75WT00 39 WA/Y.EX:EM71W. HA/C.O73)N?)EL-HA/M.AQ:LO92WT
 WA/T."LA74D:NF HA/C.O80)N (:AQUD.I71YM N:QUD.I73YM W:/+LU)I75YM00
 40 W:/HA/K.:&FBIYM02? HIP:R174YD YA(:AQOB01 14WA/Y.IT."N P.:N"63Y HA/C.O94)N
)EL-(FQO91D W:/KFL-X73W.M B.:/CO74)N LFBF92N WA/Y.F75\$ET-?L/O70W
 (:ADFRIYM03 L:/BAD./O80W W:/LO71) \$FTF73M (AL-CO71)N LFBF75N00 41 W:/HFYF81H
 B.:/KFL-YAX"M02 HA/C.O74)N? HA/M:QU\$.FROWT01 W:/&F63M YA(:AQO94B
)ET-HA/M.AQ:LO91WT L:/("YN"71Y HA/C.O73)N B.F/R:FHF+I92YM L:/YAX:M"73N.FH?
 B.A/M.AQ:LO75WT00 42 W./B:/HA:(A+I71YP HA/C.O73)N LO74) YF&I92YM W:/HFYF70H
 HF/(A+UPIYM03 L:/LFBF80N? W:/HA/Q.:SURI73YM L:/YA(:AQO75B00 43 WA/Y.IP:R071C
 HF/I73Y\$ M:)O74D M:)O92D WA95/Y:HIY-L/OW03 CO74)N RAB.O80WT?
 W./\$:PFXOWT03 WA/(:ABFDI80YM W./G:MAL.I73YM WA/X:AMORI75YM00
31 1 WA/Y.IS:MA81()ET-D.IB:R"70Y B:N"75Y-LFBFN03 L"/)MO80R LFQA74X
 YA(:AQO80B)"73T K.FL-?):A\$E74R L:/)FBI92Y/NW. W./M"/):A\$E74R L:/)FBI80Y/NW.
 (F&F85H)"71T K.FL-HA/K.FBO73D HA/Z.E75H00 2 WA/Y.A71R:)? YA(:AQO73B
)ET-P.:N"74Y LFBF92N W:/HIN."71H)"YN/EN.91W. (IM./O73W K.I/T:MO71WL
 SIL:\$O75WM00 3 WA/Y.O70)MER Y:HWFH03?)E75L-YA(:AQO80B \$91W.B)EL-)E71REC
):ABOWTE73Y/KF W./L:/MOWLAD:T./E92KF W:/)E75H:YE73H (IM./F75K:00
 4 WA/Y.IS:LA74X? YA(:AQO80B WA/Y.IQ:RF73) L:/RFX"74L W./L:/L")F92H HA/&.FDE73H
)EL-CO)N/O75W00 5 WA/Y.O74)MER L/FHE81N RO)E70H?)FNOKIY03)ET-P.:N"74Y
):ABIY/KE80N K.I75Y-)"YN/E71N.W.)"L/A73Y K.I/T:MO74L SIL:\$O92M W"95/LOH"74Y

)FB/I80Y HFYF73H? (IM.FD/I75Y00⁶ W:/)AT."73NFH Y:DA:(T.E92N 10K.IY
 B.:KFL-K.OX/I80Y (FBA73D:T.IY)ET-):ABIY/KE75N00⁷ WA/):ABIY/KEN03? H"74TEL
 B./I80Y W:/HEX:ELI71P]3)ET-MA&:K.UR:T/I73Y (:A&E74RET MONI92YM
 W:/LO75)-N:TFN/O74W):ELOHI80YM L:/HFRA73(? (IM.FD/I75Y00⁸)IM-K.O74H
 YO)MA81R N:QUD.IYM03 YIH:YE74H &:KFR/E80KF W:/YFL:D71W. KFL-HA/C.O73)N
 N:QUD.I92YM? W:/)IM-K.O74H YO)MA81R (:AQUD.IYM03 YIH:YE74H &:KFR/E80KF
 W:/YFL:D71W. KFL-HA/C.O73)N (:AQUD.I75YM00⁹ WA/Y.AC."94L?):ELOHI91YM
)ET-MIQ:N"71H):ABIY/KE73M WA/Y.IT.EN-L/I75Y00¹⁰ WA/Y:HI81Y B.:("T03 YAX"74M
 HA/C.O80)N WF/)E&.F71)? ("YN/A91Y WF/)"73RE) B.A/X:ALO92WM W:/HIN."70H
 HF75/(AT.UDIYM03 HF/(OLI74YM (AL-HA/C.O80)N (:AQUD.I71YM N:QUD.I73YM?
 W./B:RUD.I75YM00¹¹ WA/Y.O63)MER)"L/A61Y MAL:)A94K: HF/):ELOHI91YM
 B.A/X:ALO73WM YA95(:AQO92B WF)OMA73R HIN."75N/IY00?¹² WA/Y.O81)MER
 &F)-NF63) ("YNE70Y/KF W./R:)"H03 K.FL-HF75/(AT.UDIYM03 HF/(OLI74YM
 (AL-HA/C.O80)N? (:AQUD.I71YM N:QUD.I73YM W./B:RUD.I92YM K.I74Y RF)I80YTIY
)"91T K.FL-):A\$E71R LFBF73N (O71&EH L./F75K:00?¹³)FNOKI70Y HF/)"L03
 B."75YT-)"80L):A\$E63R MF\$A70X:T.F \$.FM03 MAC."BF80H):A\$E63R NFDA71R:T.F
 L./I91Y \$F73M? NE92DER (AT.F81H Q71W.M C")03 MIN-HF/F74REC HA/Z.O80)T
 W:/\$73W.B)EL-)E71REC MOWLAD:T./E75KF00¹⁴ WA/T.A70(AN? RFX"L03 W:/L")F80H
 WA/T.O)MA73R:NFH L/O92W HA/(O71WD L/F91NW. X"71LEQ W:/NAX:ALF73H
 B.:B"71YT)FBI75Y/NW.00¹⁵ H:A/LO94W)? NFK:RIY.O91WT NEX:\$A71B:NW. L/O73W
 K.I74Y M:KFR/F92NW. WA/Y.O71)KAL G.AM-)FKO73WL)ET-K.AS:P./"75NW.00¹⁶ K.I74Y
 KFL-?HF/(O81\$ER):A\$E63R HIC.I70YL):ELOHIYM03 M"75/)FBI80Y/NW. L/F71NW.
 H73W.) W./L:/BFN"92Y/NW. W:/)AT.F81H K.OLO4):A\$E63R?)FMA94R):ELOHI91YM
)"LE73Y/KF (:A&"75H00¹⁷ WA/Y.F73QFM YA(:AQO92B WA/Y.I&.F91))ET-B.FNF71Y/W
 W:/)ET-NF\$F73Y/W? (AL-HA/G.:MAL.I75YM00¹⁸ WA/Y.IN:HA74G
)ET-K.FL-MIQ:N"81HW. W:/)ET-K.FL-R:KUS/OW03):A\$E74R RFKF80\$? MIQ:N"H03
 QIN:YFN/O80W):A\$E71R RFKA73\$ B.:/PAD.A74N):ARF92M LF/BO91W)EL-YIC:XF71Q
)FBI73Y/W)A71R:C/FH? K.:NF75(AN00¹⁹ W:/LFBF74N HFLA80K: LI/G:ZO73Z
)ET-CO)N/O92W WA/T.IG:NO74B RFX"80L)ET-HA/T.:RFPI73YM):A\$E71R?
 L:/)FBI75Y/HF00²⁰ WA/Y.IG:NO74B YA(:AQO80B)ET-L"71B LFBF73N HF/):ARAM.I92Y
 (AL-B.:LIY03 HIG.I74YD L/O80W K.I71Y? BOR"73XA H75W.)00²¹ WA/Y.IB:RA71X
 HW.)03 W:/KFL-):A\$ER-L/O80W WA/Y.F73QFM WA/Y.A(:ABO74R)ET-HA/N.FHF92R
 WA/Y.F71&EM?)ET-P.FNF73Y/W HA71R HA/G.IL:(F75D00²² WA/Y.UG.A71D L:/LFBF73N
 B.A/Y.O74WM HA/\$.LIY\$92Y K.I71Y BFRA73X YA(:AQO75B00?²³ WA/Y.IQ.A70X
)ET-)EXFY/W03 (IM./O80W WA/Y.IR:D.O74P)AX:ARF80Y/W D.E73REK: \$IB:(A74T
 YFMI92YM WA/Y.AD:B."71Q)OT/O73W? B.:/HA71R HA/G.IL:(F75D00²⁴ WA/Y.FBO94)
):ELOHI91YM)EL-LFBF71N HF/):ARAM.I73Y B.A/X:ALO74M HA/L.F92Y:LFH
 WA/Y.O74)MER? L/O81W HIS.F94MER L:/KF91 P.EN-T.:DAB."71R (I75M-YA(:AQO73B
 MI/+O71WB (AD-RF75(00²⁵ WA/Y.A&."71G LFBF73N?)E75T-YA(:AQO92B
 W:/YA(:AQO81B T.FQA70()E75T-)FH:FL/OW03 B.F/HF80R W:/LFBF91N T.FQA71(
)ET-)EXF73Y/W B.:/HA71R? HA/G.IL:(F75D00²⁶ WA/Y.O70)MER LFBFN03
 L:/YA(:AQO80B ME74H (F&I80YTF WA/T.IG:NO73B)ET-L:BFB/I92Y WA/T.:NAH"G03?
)ET-B.:NOT/A80Y K.I/\$:BUYO73WT XF75REB00²⁷ LF70M.FH NAX:B."33)TF03
 LI/B:RO80XA WA/T.IG:NO73B)OT/I92Y W:/LO)-?HIG.A74D:T.F L/I80Y
 WF75/):A\$AL."X/:AKF91 B.:/&IM:XF71H W./B:/\$IRI73YM B.:/TO71P W./B:/KIN.O75WR00
²⁸ W:/LO74) N:+A\$T./A80NIY? L:/NA\$. "71Q L:/BFN/A73Y W:/LI/B:NOT/F92Y (AT.F73H
 HIS:K.A71L:T.F75 (:A&/O75W00²⁹ YES-L:/)"74L YFD/I80Y LA/(:A&O71WT? (IM./FKE73M
 RF92(W"95/)LOH"63Y):ABIY/KE61M)E74ME\$05)FMA94R)"L/A74Y L/)"MO81R
 HIS.F94MER L:/KF91 MI/D.AB."71R? (I75M-YA(:AQO73B MI/+O71WB (AD-RF75(00
³⁰ W:/)AT.FH03 HFLO74K: HFLA80K:T.F K.I75Y-NIK:SO71P NIK:SA73P:T.FH? L:/B"74YT
)FBI92Y/KF LF71M.FH GFNA73B:T.F)ET-):ELOH/F75Y00³¹ WA/Y.A71(AN YA(:AQO73B
 WA/Y.O74)MER L:/LFBF92N K.I74Y? YFR"80)TIY K.I74Y)FMA80R:T.IY
 P.EN-T.IG:ZO71L)ET-B.:NOWTE73Y/KF M/)(IM./I75Y00³² 14(IM):A\$E63R T.IM:CF74)?
)ET-):ELOHEY/KF02 LO74) YI75X:YEH01 NE74GED)AX"94Y/NW. HA75K.ER-L:/KF91
 MF71H (IM.FD/I73Y W:/QA75X-L/F92K: W:/LO75)-?YFDA74(YA(:AQO80B K.I71Y
 RFX"73L G.:NFBF75T/AM00³³ WA/Y.FBO63) LFBF61N B.:)O71HEL YA(:AQO74B05
 W./B:/)O74HEL L")F81H? W./B:/)O91HEL \$:T."71Y HF/):AMFHO73T W:/LO74) MFCF92)

WA/Y."C")03 M"/)O74HEL L")F80H WA/Y.FBO73) B.:)O71HEL RFX"75L00?
³⁴ W:/RFX"62L LFQ:XF74H)ET-HA/T.:RFPI81YM WA/T.:&IM/"91M B.:/KA71R
 HA/G.FMF73L WA/T."74\$EB (:AL"Y/HE92M? WA/Y:MA\$. "71\$ LFBF91N
)ET-K.FL-HF/)O73HEL W:/LO71) MFCF75)00 ³⁵ WA/T.O74)MER)EL-)FBI81Y/HF
)AL-?YI33XAR03 B.:("YN"74Y):ADON/I80Y K.I74Y LO70W))W.KAL03 LF/Q74W.M
 MI/P.FNE80Y/KF K.IY-DE71REK: NF\$!73YM L/I92Y WA/Y:XAP."85&? W:/LO71) MFCF73)
)ET-HA/T.:RFPI75YM00 ³⁶ WA/Y.I71XAR L:/YA(:AQO73B WA/Y.F74REB B.:/LFBF92N
 WA/Y.A70(AN YA(:AQOB03? WA/Y.O74)MER L:/LFBF80N MAH-P.IS:/(IY03 MA74H
 XA+.F)TI80Y K.I71Y DFLA73Q:T.F)AX:AR/F75Y00 ³⁷ K.I75Y-MI\$.A74\$:T.F?
)ET-K.FL-K."L/A81Y MAH-M.FCF33)TF03 MI/K.O74L K.:L"Y-B"YT/E80KF &I74YM
 K.O80H NE71GED)AX/A73Y W:/)AXE92Y/KF? W:/YOWKI73YXW. B."71YN
 \$:N"75Y/NW.00 ³⁸ ZEH04 (E&:RI63YM \$FNF70H)FNOKIY03 (IM./F80K: R:X"LE71Y/KF
 W:/)IZ.E73Y/KF LO74)? \$IK."92LW. W:/)YL"71Y CO)N:/KF73]3 LO71))FKF75L:T.IY00
³⁹ +:R"PFH03 LO)-H"B"74)TIY)"LE80Y/KF)FNOKI74Y?):AXA+.E80N.FH MI/Y.FDI73Y
 T.:BAQ:\$/E92N.FH G.:NU75B:TI74Y YO80WM W:/G:NU75B:TI73Y LF75Y:LFH00
⁴⁰ HFYI94YTIY BA/Y.O91WM):AKFL/A71NIY? XO73REB W:/QE74RAX B.A/L.F92Y:LFH
 WA/T.ID.A71D \$:NFT/I73Y M"75/(YN/F75Y00 ⁴¹ ZEH-L./I62Y (E&:RI74YM \$FNFH02
 B.:B"YT/EKF01? (:ABAD:T.I61Y/KF)AR:B.A75(-E&:R"70H \$FNFH03 B.I/\$:T."74Y
 B:NOTE80Y/KF W:/\$"71\$ \$FNI73YM B.:/CO)N/E92KF WA/T.AX:AL"71P?
)ET-MA&:K.UR:T./I73Y (:A&E71RET MONI75YM00 ⁴² LW.L"83Y):ELOH"74Y)FB/IY04
):ELOH"63Y)AB:RFHF61M W./PA70XAD? YIC:XFQ03 HF74YFH L/I80Y K.I71Y (AT.F73H
 R"YQF74M \$IL.AX:T./F92NIY)ET-(FN:Y/I62Y W:/)ET-Y:GI94Y(A]3 K.AP./A91Y RF)F71H?
):ELOHI73YM WA/Y.O71WKAX)F75ME\$00 ⁴³ WA/Y.A63(AN LFBF61N WA/Y.O74)MER
)E75L-YA(:AQO81B HA/B.FNO63WT B.:NOT/A61Y? W:/HA/B.FNI70YM B.FN/AY03
 W:/HA/C.O74)N CO)N/I80Y W:/KO91L):A\$ER-)AT.F71H RO)E73H L/IY-H92W.)
 W:/LI/B:NOT/A62Y MF75H-?)E95(:E&E70H LF/)"33L.EH03 HA/Y.O80WM)O71W
 LI/B:N"Y/HE73N):A\$E71R YFLF75DW.00 ⁴⁴ W:/)AT.F81H L:KF91H NIK:R:TF71H?
 B:RI73YT):ANI74Y WF)F92T.FH W:/HFYF71H L:/("73D B."YN/I71Y W./B"YN/E75KF00
⁴⁵ WA/Y.IQ.A71X YA(:AQO73B)F92BEN WA/Y:RIYM/E73HF? MAC."BF75H00
⁴⁶ WA/Y.O63)MER YA(:AQO70B L:/)EXFY/W03 LIQ:+74W.):ABFNI80YM WA/Y.IQ:X71W.
):ABFNI73YM WA/Y.A75(:A&W.-GF92L? WA/Y.O71)K:LW. \$F73M (AL-HA/G.F75L00
⁴⁷ WA/Y.IQ:RF)-L/O74W LFBF80N Y:GA73R &FH:ADW.TF92) W:/YA75(:AQO80B
 QF71RF)? L/O73W G.AL:("75D00 ⁴⁸ WA/Y.O74)MER LFBF80N HA/G.A63L HA/Z.E71H
 ("91D B."YN/I71Y W./B"YN:/KF73 HA/Y.O92WM (AL-K."71N QFRF)-?S:M/O73W
 G.AL:("75D00 ⁴⁹ W:/HA/M.IC:P.FH03):A\$E74R)FMA80R YI71CEP Y:HWF73H B."YN/I74Y
 W./B"YN/E92KF K.I71Y NIS.FT"73R?)I71Y\$ M"/R/("75HW.00 ⁵⁰)IM-T.:AN.E74H
)ET-B.:NOT/A81Y W:/)IM-T.IQ.A70X NF\$!YM03 (AL-B.:NOT/A80Y)"71YN?)I73Y\$
 (IM./F92NW. R:)"85H):ELOHI71YM ("73D B."YN/I71Y W./B"YN/E75KF00
⁵¹ WA/Y.O71)MER LFBF73N L:/YA(:AQO92B HIN."74H05? HA/G.A74L HA/Z.E81H
 W:/HIN."H03 HA/MAC."BF80H]1):A\$E71R YFRI73YTIY B."YN/I71Y W./B"YN/E75KF00?
⁵² 10("D HA/G.A74L HA/Z.E80H W:/("DF73H HA/M.AC."BF92H)IM-)F81NIY
 LO75)-)E95(:EBO70R]1)"LE33Y/KF03)ET-HA/G.A74L HA/Z.E80H W:/)IM-14)AT.FH?
 LO)-TA(:ABO63R)"L/A61Y)ET-HA/G.A71L HA/Z.E91H W:/)ET-HA/M.AC."BF71H
 HA/Z.O73)T L:/RF(F75H00 ⁵³):ELOH"63Y?)AB:RFHF61M W"75/)LOH"70Y NFXOWR03
 YI\$:P.:+74W. B"YN"80Y/NW.):ELOH"73Y):ABIY/HE92M WA/Y.IS.FBA74(YA(:AQO80B?
 B.:/PA73XAD)FBI71Y/W YIC:XF75Q00 ⁵⁴ WA/Y.IZ:B.A63X YA(:AQO71B ZE33BAX03
 B.F/HF80R WA/Y.IQ:RF71) L:/)EXF73Y/W LE/):EKFL-?LF92XEM WA/Y.O74)K:LW.
 LE80XEM WA/Y.FLI73YNW. B.F/HF75R00 **32** ₁ WA/Y.A\$:K."63M LFBF61N
 B.A/B.O81QER WA/Y:NA\$. "94Q? L:/BFNF91Y/W W:/LI/B:NOWTF73Y/W WA/Y:BF74REK:
)ET:/HE92M WA/Y."91LEK: WA/Y.F71\$FB LFBF73N LI/M:QOM/O75W00
₂ W:/YA(:AQO73B? HFLA74K: L:/DAR:K./O92W WA/Y.IP:G.:(W.-B/O73W MAL.):AK"71Y
):ELOHI75YM00 ₃ WA/Y.O70)MER YA(:AQOB03 K.A/):A\$E74R RF)/F80M? MAX:AN"71H
):ELOHI73YM ZE92H WA/Y.IQ:RF91) \$"75M-HA/M.FQO71WM HA/H73W.)
 MA95X:ANF75YIM00 ₄ WA/Y.IS:LA63X YA(:AQO70B MAL:)/FKIYM03 L:/PFNF80Y/W
)EL-("&F73W)FXI92Y/W)A71R:C/FH &("I73YR? &:D"71H):EDO75WM00 ₅ WA/Y:CA70W
)OT/FM03 L"/)MO80R K.O74H TO)M:R80W.N LA75/)DON/I73Y L:/("&F92W K.O70H
)FMAR03? (AB:D./:KF74]3 YA(:AQO80B (IM-LFBF74N G.A80R:T.IY WF/)"XA73R

(F75T.FH00 6 WA75/Y:HIY-L/IY03 \$O74WR WA/X:AMO80WR? CO73)N W:/(E74BED W:/\$IP:XF92H WF75/)E\$:L:XFH03 L:/HAG.I74YD LA95/)DON/I80Y LI/M:CO)-X"73N B.:("YNE75Y/KF00? 7 WA/Y.F\$U33BW.03 HA/M.AL:FKI80YM)E75L-YA:(AQO73B L")MO92R B.F70)NW.)EL-)FXI33Y/KF03)EL-("&F80W W:/GAM03? HOL"74K: LI/Q:RF75)T:/KF80 W:/)AR:B.A(-M")O71WT)I73Y\$ (IM./O75W00 8 WA/Y.IYRF94) YA:(AQO91B M:)O73D WA/Y."74CER? L/O92W WA/Y.A61XAC)ET-HF/(F74M):A\$ER-)IT./O81W W:/)ET-HA/C.O94)N W:/)ET-HA/B.FQF91R W:/HA/G.:MAL.I73YM? LI/\$:N"71Y MAX:ANO75WT00 9 WA/Y.O85)MER)IM-YFBO71W) ("&F91W)EL-HA/M.AX:ANE71H HF/)AXA73T W:/HIK./F92HW.? W:/HFYF91H HA/M.AX:ANE71H HA/N.I\$:)F73R LI/P:L"Y+F75H00 10 WA/Y.O)MERO2 YA:(AQOB01):ELOH"Y03)FB/I74Y)AB:RFHF80M? W:/)LOH"73Y)FB/I74Y YIC:XF92Q Y:HWF62H HF/OM"74R)"L/A81Y \$94W.B L:/)AR:C:/KF91 W:/L:/MOWLAD:T:/KF73 W:/)Y+I71YBFH? (IM./F75K:00 11 QF+O61N:T.IY MI/K.O70L HA/X:ASFDIYM03 W./MI/K.FL-HF74/):EME80T):A\$E71R (F&I73YTF)ET-(AB:D./E92KF? K.I74Y B:/MAQ:L/I81Y (FBA33R:T.IY03)ET-HA/Y.AR:D."74N HA/Z.E80H W:/)AT.F71H HFYI73YTIY LI/\$:N"71Y MAX:ANO75WT00? 12 HAC.IYL/"71NIY NF91) MI/Y.A71D)FX/I73Y MI/Y.A74D ("&F92W K.I75Y-YFR"70))FNOKIY03)OT/O80W P.EN-YFBO74W) W:/HIK./A80NIY)"73M? (AL-B.FNI75YM00 13 W:/)AT.F74H)FMA80R:T.F H"Y+"71B)"Y+I73YB (IM./F92K: W:/&AM:T.I70Y)E75T-ZAR:(/:AKF03 K.:/XO74WL? HA/Y.F80M):A\$E71R LO)-YIS.FP"73R M"/RO75B00 14 WA/Y.F71LEN \$F73M B.A/L.A74Y:LFH HA/H92W.) WA/Y.IQ.A62X MIN-HA/B.F94)? B:/YFD/O91W MIN:XF73H L:/("&F71W)FXI75Y/W00 15 (IZ.I74YM MF)TA80YM W./T:YF\$I73YM (E&:RI92YM R:X"LI71YM? MF)TA73YM W:/)YLI71YM (E&:RI75YM00 16 G.:MAL.I94YM M"YNIYQO91WT W./B:N"Y/HE73M \$:LO\$I92YM P.FRO70WT?)AR:B.F(IYM03 W./PFRI74YM (:A&FRF80H):ATONO74T (E&:RI80YM WA/(:YFRI73M)1 (:A&FRF75H00 17 WA/Y.IT."N03 B.:YAD-?(:ABFDF80Y/W ("71DER ("73DER L:/BAD./O92W WA70/Y.O)MER)EL-(:ABFDFY/W03 (IB:R74W. L:/PFNA80Y W:/RE74WAX T.F&I80YMW.? B."71YN ("73DER W./B"71YN ("75DER00 18 WA/Y:CA71W)ET-HF/RI)\$O73WN L")MO92R K.I74Y YI75P:G.F\$:KF62)1 ("&F74W)FX/I81Y? WI/\$:)"75L:/KF03)1 L")MO80R L:/MIY-)A33T.FH03 W:/)F74NFH T"71L"80K: W./L:/MI73Y)"71L.EH L:/PFNE75Y/KF00 19 W:/)F75MAR:T.F03? L:/)AB:D./:KF74 L:/YA:(AQO80B MIN:XF71H HIW)03 \$:LW.XF80H LA95/)DON/I73Y L:/("&F92W W:/HIN."71H GAM-H73W.)?)AX:AR"75Y/NW.00 20 WA/Y:CA62W G.A74M)ET-HA/\$."NI81Y 10G.AM)ET-HA/\$.:LIY\$180Y 10G.AM)ET-K.FL-HA/HO74L:KI80YM?)AX:AR"71Y HF(/:ADFR173YM L")MO92R K.A/D.FBF70R HA/Z.EH03 T.:DAB.:R74W.N)EL-("&F80W B.:MOCA)/:AKE73M)OT/O75W00? 21 WA/):AMAR:T.E85M G.A81M HIN."91H (AB:D./:KF71 YA:(AQO73B)AX:AR"92Y/NW. K.I75Y-)FMA62R):AKAP.:RF74H PFNF81Y/W? B.A/M.IN:XFH03 HA/HOLE74KET L:/PFNF80Y W:/)AX:AR"Y-K"N03)ER:)E74H PFNF80Y/W)W.LA73Y YI&.F71) PFNF75Y00 22 WA/T.A:(ABO71R? HA/M.IN:XF73H (AL-P.FNF92Y/W W:/H91W.) LF71N B.A/L.A75Y:LFH-HA/H73W.) B.A75/M.AX:ANE75H00? 23 WA/Y.F74QFM05 B.A/L.A74Y:LFH H81W.) WA/Y.IQ.A62X)ET-\$:T."70Y NF\$FY/W03 W:/)ET-\$:T."74Y \$IP:XOTF80Y/W? W:/)ET-)AXA71D (F&F73R Y:LFDF92Y/W WA75/Y.A:(ABO80R)"73T MA:(ABA71R YAB.O75Q00 24 WA/Y.IQ.FX/"80M WA/Y.A75(:ABIR/"73M?)ET-HA/N.F92XAL WA75/Y.A:(AB"73R)ET-):A\$ER-L/O700)1 25 WA/Y.IW.FT"71R YA:(AQO73B L:/BAD./O92W WA/Y.)FB"71Q)IY\$03? (IM./O80W (A73D (:ALO71T HA/\$.F75XAR00 26 WA/Y.A81R:) K.I74Y LO70) YFKOLO3 L/O80W WA/Y.IG.A73(B.:KAP-Y:R"K/O92W WA/T."33QA(03? K.AP-YE74REK: YA:(AQO80B B.:H"75)FB:Q/O73W (IM./O75W00 27 WA/Y.O74)MER \$AL.:X/"80NIY K.I71Y (FLF73H HA/\$.F92XAR? WA/Y.O33)MER03 LO74)):A\$A75L."X:/AKF80 K.I73Y)IM-B."RAK:T.F75/NIY00 28 WA/Y.O71)MER)"LF73Y/W MAH-\$.:M/E92KF? WA/Y.O73)MER YA:(AQO75B00 29 WA/Y.O81)MER LO70) YA:(AQOB03 Y")FM"71R (OWD03 \$IM:/KF80 K.I73Y)IM-YI&:RF)"92L? K.I75Y-&FRI94YTF (IM-):ELOHI91YM W:/)IM-):ANF\$173YM WA/T.W.KF75L00 30 WA/Y.IS:)A74L YA:(AQO81B WA/Y.O33)MER03? HAG.I75YDFH-N.F74) \$:M/E80KF WA/Y.O85)MER LF71M.FH Z.E73H T.I\$:)A74L LI/\$:M/I92Y WA/Y:BF71REK:)OT/O73W \$F75M00? 31 WA/Y.IQ:RF94) YA:(AQO91B \$"71M HA/M.FQO73WM P.:NIY)"92L K.I75Y-RF)I70YTIY):ELOHIYM03 P.FNI74YM)EL-?P.FNI80YM WA/T.IN.FC"73L NAP:\$/I75Y00 32 WA/Y.I75Z:RA75X-L/O74W HA/\$.E80MES K.A/):A\$E71R (FBA73R)ET-P.:NW.)"92L?

W:/H71W.) COL"73(A (AL-Y:R"K/O75W00³³ (AL-K."83N LO75)-YO)K:L63W.
 B:N"75Y-YI&:RF)"61L)ET-G.I74YD? HA/N.F\$E81H):A\$ER03 (AL-K.A74P HA/Y.FR"80K:
 (A73D HA/Y.O74WM HA/Z.E92H K.I70Y NFGA(03 B.:KAP-YE74REK: YA(:AQO80B?
 B.:GI73YD HA/N.F\$E75H00 **33** ₁ WA/Y.I.&.F63) YA(:AQO61B ("YNF81Y/W WA/Y.AR:)03
 W:/HIN."74H ("&F74W B.F80) W:/(IM./O85W)AR:B.A71(M")O73WT?)I92Y\$
 WA/Y.A74XAC)ET-HA/Y:LFDI81YM (AL-L")FH03 W:/(AL-RFX"80L W:/(A73L \$:T."71Y
 HA/\$:PFXO75WT00? ₂ WA/Y.F94&EM)ET-HA/\$:PFXO91WT W:/)ET-YAL:D"Y/HE73N
 RI75)\$ONF92H W:/)ET-L")F70H WI75/YLFDE33Y/HF03)AX:ARONI80YM?
 W:/)ET-RFX"71L W:/)ET-YOWS"73P)AX:ARONI75YM00 ₃ W:/H73W.) (FBA74R
 LI/P:N"Y/HE92M WA/Y.IS:T.A70XW.)A33R:C/FH03? \$E74BA(P:.(FMI80YM
 (AD-G.IS:T./O73W (AD-)FXI75Y/W00 ₄ WA/Y.F63RFC ("&F70W LI/Q:RF)/OW03
 WA95/Y:XAB.:Q"80HW.? WA/Y.IP.O71L (AL-CAW.F)RF73/W]q
 WA52/Y.I52\$.F52Q/"9252H52W.52]4 WA/Y.IB:K.75W.00 ₅ WA/Y.I.&.F74))ET-("YNF81Y/W
 WA/Y.A70R:))ET-HA/N.F\$IYM03? W:/)ET-HA/Y:LFDI80YM WA/Y.O73)MER
 MIY-)74L.EH L./F92K: WA/Y.O)MA85R HA/Y:LFDI85YM):A\$ER-XFNA71N
):ELOHI73YM?)ET-(AB:D./E75KF00 ₆ WA/T.IG.A94\$:NF HA/\$:PFXO91WT H"71N./FH
 W:/YAL:D"Y/HE73N WA/T.I75\$:T.AX:AWE75YNF00 ₇ WA/T.IG.A94\$ G.AM-?L")F91H
 WI/YLFDE73Y/HF WA/Y.I75\$:T.AX:AW92W. W:/)AXA81R NIG.A71\$ YOWS"91P
 W:/RFX"73L WA/Y.I75\$:T.AX:AW75W.00 ₈ WA/Y.O85)MER MI71Y? L:/KF91
 K.FL-HA/M.AX:ANE71H HA/Z.E73H):A\$E74R P.FGF92\$:T.IY WA/Y.O85)MER
 LI/M:CO)-X"73N B.:("YN"71Y):ADON/I75Y00? ₉ WA/Y.O71)MER ("&F73W YE\$L/I74Y
 RF92B)FX/I85Y Y:HI71Y L:/KF73):A\$ER-L/F75K:00 ₁₀ WA/Y.O74)MER YA(:AQO81B
)AL-?NF03)IM-NF63) MFCF70)TIY X"N03 B.:("YNE80Y/KF W:/LFQAX:T.F71
 MIN:XFT/I73Y MI/Y.FD/I92Y K.I74Y (AL-K."62N RF)I74YTIY? PFNE81Y/KF K.I/R:)O91T
 P.:N"71Y):ELOHI73YM WA/T.IR:C"75NIY00 ₁₁ QAX-NF70))ET-B.IR:KFT/IY03):A\$E74R
 HUBF74)T? L/F80K: K.I75Y-XAN.A71N/IY):ELOHI73YM W:/KI74Y YE\$L/IY-KO92L
 WA/Y.IP:CAR-B./O73W WA/Y.IQ.F75X00 ₁₂ WA/Y.O73)MER NIS:(F74H? W:/N"L"92KFH
 W:/)L:KF73H L:/NEG:D./E75KF00 ₁₃ WA/Y.O74)MER)"LF81Y/W):ADON/I70Y
 YOD"33(A03 K.I75Y-HA/Y:LFDI74YM RAK.I80YM? W:/HA/C.O71)N W:/HA/B.FQF73R
 (FLO74WT (FL/F92Y W:/D:PFQW./M03 YO74WM)EXF80D WF/M"73TW.
 K.FL-HA/C.O75)N00? ₁₄ YA(:ABFR-NF71)):ADON/I73Y LI/P:N"74Y (AB:D./O92W
 WA):ANI62Y)E75T:NFH:ALF74H]3 L:/I+./I81Y L:/RE63GEL HA/M.:LF)KF70H?
):A\$ER-L/PFNAY03 W./L:/RE74GEL HA/Y:LFDI80YM (A91D):A\$ER-)FBO71)
)EL-):ADON/I73Y &"(I75YR/FH00? ₁₅ WA/Y.O74)MER ("&F80W)AC.I75YGFH-N.F74)
 (IM./:KF80 MIN-HF/(F73M):A\$E74R)IT./I92Y WA/Y.O33)MER03 LF74M.FH Z.E80H?
)EM:CF)-X"73N B.:("YN"71Y):ADON/I75Y00 ₁₆ WA/Y.F\$FB04 B.A/Y.O63WM HA/H71W.)
 ("&F91W L:/DAR:K./O73W &"(I75YR/FH00? ₁₇ W:/YA(:AQOB03 NFSA74(SUK.O80T/FH
 WA/Y.I71BEN L/O73W B.F92YIT W./L:/MIQ:N"33HW.03 (F&F74H SUK.O80T (AL-K."91N
 QFRF71)? \$"M-HA/M.FQO73WM SUK.O75WT00 ₁₈ WA/Y.FBO)04 YA(:AQO63B \$FL"61M
 (I74YR \$:KE81M):A\$ER03? B.:)E74REC K.:NA80(AN B.:/BO)/O73W MI/P.AD.A74N
):ARF92M WA/Y.I73XAN)ET-P.:N"71Y HF/(I75YR00 ₁₉ WA/Y.I61QEN)ET-?XEL:QA74T
 HA/&.FDE81H):A\$E70R NF75+FH-\$FM03)FH:FL/O80W MI/Y.A71D
 B.:N"75Y-X:AMO73WR):ABI74Y \$:KE92M B.:/M")F73H? Q:&IY+F75H00
₂₀ WA/Y.AC.EB-\$F73M MIZ:B."92XA WA/Y.I63Q:RF)-L/O80W)"73L):ELOH"71Y
 YI&:RF)"75L00 **34** ₁ WA/T."C"70) DIYNFH03 B.AT-L")F80H):A\$E71R YFL:DF73H
 L:/YA(:AQO92B LI/R:)O73WT B.IB:NO71WT? HF/)F75REC00 ₂ WA/Y.A63R:))OT/F61H.
 \$:KE94M B.EN-X:AMO91WR HA95/XIW.I73Y N:&I74Y) HF/)F92REC WA/Y.IQ.A71X
)OT/F91H.? WA/Y.IS:K.A71B)OT/F73H. WA/Y:(AN./E75HF00 ₃ WA/T.ID:B.A74Q
 NAP:\$/O80W B.:/DIYNF73H B.A75T-YA(:AQO92B WA/Y.E75):EHAB03
)ET-?HA75/N.A(:ARF80 WA/Y:DAB."73R (AL-L"71B HA75/N.A(:ARF7500
₄ WA/Y.O74)MER \$:KE80M)EL-X:AMO71WR)FBI73Y/W L"/)MO92R? QA75X-L/I91Y
)ET-HA/Y.AL:D.F71H HA/Z.O73)T L:/IS.F75H00 ₅ W:/YA(:AQO74B \$FMA81(K.I70Y
 +IM.")03)ET-D.IYNF74H? BIT./O80W W./BFNF91Y/W HFY71W.)ET-MIQ:N"73HW.
 B.A/&.FDE92H W:/HEX:ERI71\$ YA(:AQO73B (AD-B.O)/F75M00 ₆ WA/Y."C"91)?
 X:AMO71WR):ABI75Y-\$:KE73M)E75L-YA(:AQO92B L:/DAB."73R)IT./O75W00
₇ W./B:N"63Y YA(:AQO61B B.F70)W. MIN-HA/&.FDEH03? K.:/F80M
 WA/Y.I75T:(AC.:BW.03 HF75):ANF\$180YM WA/Y.I71XAR L/FHE73M M:/O92D

N:BFLF62H (F&F74H B:/YI&:RF)"81L? LI/\$:K.AB03)ET-B.A75T-YA(:AQO80B W:/K"73N LO71) Y"(F&E75H00 8 WA/Y:DAB."71R X:AMO73WR)IT./F74M L"/)MO92R? \$:KE74M B.:N/I81Y XF75\$:QF70H NAP:\$:/OW03 B.:/BIT./:KE80M T.:N63W. NF71))OT/F91H. L/O73W L:/)IS.F75H00 9 W:/HI75T:XAT.:N73W.?)OT/F92NW. B.:NO75T"Y/KEM03 T.IT.:NW.-LF80/NW. W:/)ET-B.:NOT"73Y/NW. T.IQ:X71W. L/FKE75M00 10 W:/)IT./F73NW. T."\$92BW.? W:/HF/)F33REC03 T.IH:YE74H LI/P:N"Y/KE80M \$:BW.03 W:/S:XFR80W./HF W:/H"75)FX:AZ73W. B./F75H.00 11 WA/Y.O70)MER \$:KEM03?)EL-)FBI74Y/HF]2 W:/)EL-)AXE80Y/HF)EM:CF)-X"73N B.:/("YN"Y/KE92M WA):A\$E71R T.O)M:R91W.)L/A73Y)ET."75N00? 12 HAR:B.63W. (FL/A70Y M:)OD03 MO74HAR W./MAT.F80N W:/)E63T.:NF80H K.A):A\$E71R T.O)M:R73W.)L/F92Y W:/T.NW.-L/I71Y?)ET-HA75/N.A(:ARF73 L:/)IS.F75H00 13 WA/Y.A(:AN63W. B:N"75Y-YA(:AQO61B)ET-\$:KE63M W:/)ET-X:AMO71WR)FBI91Y/W? B.:/MIR:MF73H WA/Y:DAB."92RW.):A\$E74R +IM."80) "73T D.IYNF71H):AXOT/F75M00 14 WA/Y.O)M:R74W.):AL"Y/HE81M LO70)? NW.KAL03 LA/(:A&OWT03 HA/D.FBF74R HA/Z.E80H LF/T"TO3)ET-):AXOT/"80NW. L:/)I73Y\$):A\$ER-L/O74W (FR:LF92H K.I75Y-?XER:P.F71H HI73W) L/F75NW.00 15)AK:-B.:/ZO73)T N")O74WT L/FKE92M 10)IM T.IH:Y74W. KFMO80/NW. L:/HIM.O71L L/FKE73M? K.FL-ZFKF75R00 16 W:/NFTA70N.W.)ET-B.:NOT"33Y/NW.03 L/FKE80M W:/)ET-B.:NOT"Y/KE73M NI75Q.A75X-LF92/NW. W:/YF\$A74B:NW.?)IT./:KE80M W:/HFYI73YNW. L:/(A71M)EXF75D00 17 W:/)IM-LO94) TIS:M:(91W.)"L"73Y/NW. L:/HIM.O92WL W:/LFQA71X:NW.?)ET-B.IT./"73NW. W:/HFLF75K:NW.00 18 WA/Y.I75Y+:B71W. DIB:R"Y/HE73M B.:/("YN"74Y X:AMO92WR W:/B:/"YN"73Y \$:KE71M? B.EN-X:AMO75WR00 19 W:/LO75)-"XA70R HA/N.A33(AR03 LA/(:A&O74WT HA/D.FBF80R K.I71Y XFP"73C B.:/BA75T-YA(:AQO92B? W:/H74W.) NIK:B.F80D MI/K.O73L B."71YT)FBI75Y/W00 20 WA/Y.FBO71) X:AMO91WR W:/\$:KE71M B.:N/O73W)EL-?A74(AR (IYR/F92M WA75/Y:DAB.:R91W.)EL-)AN:\$"71Y (IYR/F73M L"/)MO75R00 21 HF/):ANF\$163YM HF/)"61L.EH? \$:75L"MI94YM H"74M)IT./F81NW. W:/Y"\$:B70W. BF/)F33REC03 W:/YIS:X:AR74W.)OT/F80H. W:/HF/)F91REC HIN."71H RA75X:ABAT-?YFDA73YIM LI/P:N"Y/HE92M)ET-B.:NOT/FM03 NIQ.A75X-LF74/NW. L:/NF\$180YM W:/)ET-B.:NOT"73Y/NW. NIT."71N L/FHE75M00? 22)AK:-14B.:/ZO)T Y")O63TW. L/F70NW. HF/):ANF\$1YM03 LF/\$E74BET)IT./F80NW. LI/H:YO73WT L:/)A74M)EXF92D B.:/HIM.O71WL? L/F33NW.03 K.FL-ZFKF80R K.A):A\$E73R H"71M NIM.OLI75YM00 23 MIQ:N/"HE70M W:/QIN:YFN/FM03 W:/KFL-B.:HEM:T./F80M? H:A/LO71W) L/F73NW. H"92M 10)AK: N")O74WTFH L/FHE80M W:/Y"\$:B73W.)IT./F75NW.00 24 WA/Y.IS:M:(70W.)EL-X:AMOWR03? W:/)EL-\$:KE74M B.:N/O80W K.FL-YOC:)"73Y \$A74(AR (IYR/O92W WA/Y.IM.O33LW.03 K.FL-ZFKF80R K.FL-YOC:)"73Y \$A71(AR? (IYR/O75W00 25 WA/Y:HIY04 BA/Y.O63WM HA/.\$:LIY\$161Y B.I75/H:YOWT/F74M K.O75):ABI81YM WA/Y.IQ:X74W. \$:N"75Y-B:N"Y-14YA(:AQOB? \$IM:(O63WN W:/L"WI61Y):AX"70Y DIYNFH03)I74Y\$ XAR:B./O80W WA/Y.FBO71)W. (AL-HF/(I73YR B.E92+AX WA/Y.A75HAR:G73W. K.FL-?ZFKF75R00 26 W:/)ET-X:AMOWR03 W:/)ET-\$:KE74M B.:N/O80W HFR:G73W. L:/PIY-XF92REB WA/Y.IQ:X94W.)ET-D.IYNF91H? MI/B."71YT \$:KE73M WA/Y."C"75)W.00 27 B.:N"74Y YA(:AQO81B 10B.F)W. (AL-HA74/X:ALFLI80YM WA/Y.FBO73Z.W. HF/(I92YR?):A\$E71R +IM.:73W.):AXOWT/F75M00 28)ET-CO)N/F71M W:/)ET-B.:QFR/F73M W:/)ET-X:AMOR"Y/H.E92M]1 W:/)94T?):A\$ER-B.F/(I91YR W:/)ET-):A\$E71R B.A/&.FDE73H LFQF75XW.00 29 W:/)ET-K.FL-X"YL/F70M W:/)ET-K.FL-?+AP./FM03 W:/)ET-N:\$"Y/HE80M \$FB73W. WA/Y.FBO92Z.W. W:/)73T K.FL-):A\$E71R B.A/B.F75YIT00 30 WA/Y.O63)MER YA(:AQO61B?)EL-\$IM:(O74WN W:/)EL-L"WIY02 (:AKAR:T.E74M)OT/IY01 L:/HAB:YIY\$/"33NIY03 B.:/YOS"74B HF/)F80REC B.A75/K.:NA(:ANI73Y? W:/BA/P.:RIZ.I92Y WA):ANIY03 M:T"74Y MIS:P.F80R W:/NE)ES:P70W. (FL/AY03 W:/HIK.80W./NIY W:/NIS:MAD:T.I73Y):ANI71Y W./B"YT/I75Y00? 31 WA/Y.O)M:R92W. HA/K:/ZOWNF85H YA(:A&E73H)ET-):AXOWT/"75NW.00 35 WA/Y.O70)MER):ELOHIYM03)E75L-YA(:AQO80B Q91W.M (:AL"71H B"75YT-)"73L W:/\$EB-\$F92M? WA/(:A&"H-\$F74M MIZ:B."80XA LF/)"L03 HA/N.IR:)E74H)"LE80Y/KF B.:/BFR:X:AKF80]1 MI/P.:N"73Y ("&F71W)FXI75Y/KF00? 2 WA/Y.O70)MER YA(:AQOB03)EL-B."YT/O80W W:/)E73L K.FL-):A\$E74R (IM./O92W HFSI61RW.)ET-):ELOH"70Y HA/N."KFR03?):A\$E74R B.:/TOK:/KE80M W:/HI75+.AH:AR80W. W:/HAX:ALI73YPW. &IM:LOT"Y/KE75M00 3 W:/NFQ71W.MFH

W:/NA(:ALE73H B."75YT-?)"92L W:/)E75(:E&EH-\$.F74M MIZ:B."81XA LF/)"62L
 HF/(ONE70H)OT/IY03 B.:YO74WM CF75RFT/I80Y WA/Y:HIY03 (IM.FD/I80Y
 B.A/D.E73REK:?):A\$E71R HFLF75K:T.IY00 4 WA/Y.IT.:N74W.]3)E75L-YA(:AQO81B)"74T
 K.FL-):ELOH"70Y HA/N."KFR03):A\$E74R B.:YFD/F80M? W:/)ET-HA/N.:ZFM173YM
):A\$E74R B.:/FZ:N"Y/HE92M WA/Y.I+:MO70N)OT/FM03 YA(:AQO80B T.A71XAT
 HF/)"LF73H):A\$E71R (IM-?\$.KE75M00 5 WA/Y.IS.F92(W. WA/Y:HI74Y05 XIT.A74T
):ELOHI81YM (AL-HE75/(FRIYM03):A\$ER03 S:BIYBO74T"Y/HE80M W:/LO74)?
 RF75D:P80W.)AX:AR"73Y B.:N"71Y YA(:AQO75B00 6 WA/Y.FBO63) YA(:AQO61B
 L81W.Z/FH):A\$ER03 B.:/E74REC K.:NA80(AN HI73W)? B."75YT-)"92L H73W.)
 W:/KFL-HF/(F71M):A\$ER-(IM./O75W00 7 WA/Y.I70BEN \$FM03 MIZ:B."80XA
 WA/Y.IQ:RF)03 LA/M.FQO80WM?)"73L B."75YT-)"92L K.I74Y \$F81M NIG:L70W.
)"LFY/W03 HF75/):ELOHI80YM B.:/BFR:X/O73W MI/P.:N"71Y)FXI75Y/W00
 8 WA/T.F70MFT? D.:BORFH03 M"YNE74QET RIB:QF80H WA/T.IQ.FB"91R MI/T.A71XAT
 L:/B"75YT-)"73L T.A74XAT HF75/)AL.O92WN WA/Y.IQ:RF71)? \$:M/O73W)AL.O71WN
 B.FK75W.T00 9 WA/Y."RF63)):ELOHI70YM)E75L-YA(:AQOB03 (O80WD B.:/BO)/O73W
 MI/P.AD.A74N?):ARF92M WA/Y:BF73REK:)OT/O75W00 10 WA/Y.O75)MER-L/O71W
):ELOHI73YM \$IM:/KF74 YA(:AQO92B LO75)-YIQ.FR)"04 \$IM:/KF63?]3 (O61WD
 YA(:AQO81B K.I70Y)IM-YI&:RF)"L03 YIH:YE74H \$:M/E80KF WA/Y.IQ:RF71)
)ET-\$:M/O73W YI&:RF)"75L00? 11 WA/Y.O)MER04 L/O63W):ELOHI61YM):ANI63Y)"70L
 \$AD.AY03 P.:R"74H W./R:B"80H G.O91WY W./Q:HA71L G.OYI73M YIH:YE74H?
 MI/M./E92K.F W./M:LFKI73YM M"/X:ALFCE71Y/KF Y"C"75)W.00 12 W:/)ET-HF/)"F81REC
):A\$E71R NFTA91T.IY L:/)AB:RFHF71M? W./L:/YIC:XF73Q L:/KF74)ET.:N/E92N.FH
 W.75L:/ZAR:(/:AKF71)AX:ARE73Y/KF)ET."71N)ET-HF/)"F75REC00 13 WA/Y.A71(AL?
 M"/(FLF73Y/W):ELOHI92YM B.A/M.FQO73WM):A\$ER-D.IB.E71R)IT./O75W00
 14 WA/Y.AC."63B YA(:AQO61B MAC."BF81H? B.A/M.FQO91WM):A\$ER-D.IB.E71R
)IT./O73W MAC.E74BET)F92BEN WA/Y.AS."70K: (FLE33Y/HF03 NE80SEK:
 WA/Y.ICO71Q (FLE73Y/HF? \$F75MEN00 15 WA/Y.IQ:RF63) YA(:AQO61B)ET-\$"74M
 HA/M.FQO81WM):A\$ER04 D.IB.E63R)IT./O71W \$F91M):ELOHI73YM? B."75YT-)"75L00
 16 WA/Y.IS:(W.03 MI/B."74YT)"80L WA75/Y:HIY-(O71WD K.I/B:RAT-HF/)"F73REC
 LF/BO74W)?)EP:RF92T/FH WA/T."71LED RFX"73L WA/T.:QA71\$ B.:/LID:T./F75H.00
 17 WA/Y:HI71Y B:/HAQ:\$OT/F73H. B.:/LID:T./F92H.? WA/T.O63)MER L/F70H.
 HA/M:YAL.E33DET03)AL-T.I74YR:)I80Y K.I75Y-GAM-ZE71H L/F73K: B."75N00
 18 WA/Y:HI62Y B.:/C"70)T? NAP:\$/FH.03 K.I74Y M"80TFH WA/T.IQ:RF71) \$:M/O73W
 B.EN)OWN/I92Y W:/)FBI73Y/W QF75RF-L/O71W BIN:YFMI75YN00 19 WA/T.F73MFT?
 RFX"92L WA/T.IQ.FB"R03 B.:/DE74REK:)EP:RF80T/FH]3 HI73W) B."71YT LF75XEM00
 20 WA/Y.AC."94B YA(:AQO91B MAC."BF73H? (AL-Q:BURFT/F92H. HI91W) MAC.E71BET
 Q:BURA75T-RFX"73L]3 (AD-HA/Y.O75WM00 21 WA/Y.IS.A73(YI&:RF)"92L? WA/Y."74+
)F75H:FL/O80H]q M"/HF73L:)FH L:/MIG:D.AL-("75DER00 22 WA/Y:HI81Y B.I/\$:K.O70N
 YI&:RF)"L03 B.F/)"F74REC HA/)"HI80W)? WA/Y."74LEK: R:)W.B"80N WA/Y.IS:K.A85B03
)ET-B.IL:HF73H03 P.IYLE74GE\$)FB19280Y/W WA/Y.I\$:/MA73(YI&:RF)"9275L
 WA/Y.I75H:Y71W. B:N"75Y-YA(:AQO73B \$:N"71YM (F&F75R00 23 B.:N"74Y L)"F80H
 B.:KO71WR YA(:AQO73B R:)W.B"92N W:/SIM:(OWN03? W:/L"WI74Y WI75/YHW.DF80H
 W:/YI&.F#KF73R W./Z:BW.LU75N00 24 B.:N"74Y RFX"80L YOWS"73P W./BIN:YFMI75N00
 25 W./B:N"70Y? BIL:HFH03 \$IP:XA74T RFX"80L D.F73N W:/NAP:T.FLI75Y00 26 W./B:N"71Y
 ZIL:P.F91H \$IP:XA71T L)"F73H G.F74D W:/)F\$"92R? 10)"L.EH B.:N"74Y YA(:AQO80B
):A\$E71R YULAD-L/O73W B.:/PAD.A71N):ARF75M00 27 WA/Y.FBO70) YA(:AQOB03
)EL-YIC:XF74Q?)FBI80Y/W MAM:R"73) QIR:YA74T HF75/)AR:B.A92(HI74W)
 XEB:RO80WN]3):A\$ER-G.F75R-\$F71M)AB:RFHF73M? W:/YIC:XF75Q00
 28 WA/Y.I75H:Y73W. Y:M"74Y YIC:XF92Q M:)A71T \$FNF73H W./\$:MONI71YM
 \$FNF75H00 29 WA/Y.IG:WA63(YIC:XF70Q? WA/Y.F33MFT03 WA/Y.)"F74SEP
)EL-(AM.F80Y/W ZFQ"73N W./&:BA74(YFMI92YM WA/Y.IQ:B.:R74W.)OT/O80W
 ("&F71W W:/YA(:AQO73B? B.FNF75Y/W00 36 1 W:/)"91L.EH T.OL:DO71WT ("&F73W
 H71W.):EDO75WM00 2("&F91W LFQA71X)ET-NF\$F73Y/W? MI/B.:NO74WT K.:NF92(AN
)ET-(FDF81H B.AT-)"YLOWN03 HA75/XIT.I80Y W:/)ET-)FH:FLI75YBFMFH03
 B.AT-(ANF80H? B.AT-CIB:(O73WN HA95/XIW.I75Y00 3 W:/)ET-B.F&:MA71T
 B.AT-YI\$:/MF("73)L):AXO71WT N:BFYO75WT00? 4 WA/T."94LED (FDF91H L:/("&F73W
)ET-):ELIYPPF92Z W./BF74&:MA80T YFL:DF73H)ET-R:(W.)"75L00?

W:/)FH:FLI75YBFMFH03 W:/)FH:FLI75YBFMFH03 YF75L:DF80H YF75L:DF80H
 Y:(71W.\$)ET-W:/)ET-Y:(71W.\$ YA:(LF73M W:/)ET-W:/)ET-YA:(LF73M QO92RAX
 W:/)ET-10)L.EH QO92RAX B.:N"74Y 10)"L.EH ("&F80W? B.:N"74Y):A\$E71R ("&F80W?
 YUL.:DW.-):A\$E71R L/O73W YUL.:DW.-B.:/E71REC L/O73W K.:NF75(AN00 B.:/E71REC
 K.:NF75(AN00 6 WA/Y.IQ.A74X ("&F83W)ET-14NF\$FY/W W:/)ET-B.FNF74Y/W
 W:/)ET-?B.:NOTFY/W02 W:/)ET-K.FL-NAP:\$O74WT B."YT/OW01 W:/)ET-MIQ:N/"74HW.
 W:/)ET-K.FL-B.:HEM:T./O81W W:/)T03 K.FL-?QIN:YFN/O80W):A\$E71R RFKA73\$
 B.:/E74REC K.:NF92(AN WA/Y."74LEK:)EL-)E80REC MI/P.:N"73Y YA:(AQO71B
)FXI75Y/W00? 7 K.I75Y-HFYF94H R:KW.\$/F91M RF73B MI/\$.E74BET YAX:D./F92W
 W:/LO63) YF95K:LF61H)E70REC M:/G75W.R"Y/HEM03? LF/&"74)T)OT/F80M
 MI/P.:N"73Y MIQ:N"Y/HE75M00 8 WA/Y."70\$EB ("&FW03 B.:/HA74R &"(I80YR ("&F73W
 H71W.)?):EDO75WM00 9 W:/)91L.EH T.OL:DO71WT ("&F73W):ABI74Y):EDO92WM
 B.:/HA73R &"(I75YR00 10)"73L.EH? \$:MO74WT B.:N"75Y-("&F92W):ELIYPA81Z
 B.EN-(FDFH03)"74\$ET ("&F80W R:(W.)"85L B.EN-B.F&:MA73T)"71\$ET? ("&F75W00
 11 WA/Y.IH:Y73W. B.:N"74Y):ELIYPF92Z T."YMF74N)OWMF80R C:PO71W
 W:/GA:(T.F73M W:/Q:NA75Z00 12 W:/TIM:NA74(05? HFY:TF74H PIYLE81GES
 LE75):ELIYPAZ03 B.EN-("&F80W WA/T."71LED LE):ELIYPA73Z)ET-(AMFL"92Q
)"85L.EH B.:N"71Y? (FDF73H)"71\$ET ("&F75W00 13 W:/)33L.EH03 B.:N"74Y R:(W.)"80L
 NA71XAT WF/ZE73RAX \$AM.F74H W./MIZ.F92H)"74L.E74HJ1 HFY80W.? B.:N"71Y
 BF&:MA73T)"71\$ET ("&F75W00 14 W:/)74L.EH W:/)74L.EH HFY81W. HFY81W.
 B.:N"63Y B.:N"63Y)FH:FLIYBFMF94H)FH:FLIYBFMF94H BAT-BAT-(ANF91H (ANF91H
 B.AT-?B.AT-?CIB:(O73WN CIB:(O73WN)"74\$ET)"74\$ET ("&F92W
 WA/T."74LED WA/T."74LED L:/("&F80W L:/("&F80W **Y:(71W.\$)ET-W:/)ET-**Y:(71W.\$
 YA:(LF73M W:/)ET-W:/)ET-YA:(LF73M QO75RAX00? W:/)ET-QO75RAX00? 15)"73L.EH
)AL.W.P"74Y B.:N"75Y-("&F92W B.:N"70Y):ELIYPAZ03 B.:KO74WR ("&F80W)AL.70W.P
 T."YMFN03)AL.74W.P?)OWMF80R)AL.71W.P C:PO73W)AL.71W.P Q:NA75Z00
 16)AL.75W.P-QO91RAXJ3)AL.71W.P G.A:(T.F73M)AL.74W.P? (:AMFL"92Q)"74L.EH
)AL.W.P"70Y):ELIYPAZ03 B.:/E74REC):EDO80WM)"73L.EH B.:N"71Y (FDF75H00
 17 W:/)81L.EH B.:N"70Y? R:(W.)"L03 B.EN-("&F80W)AL.71W.P NA33XAT03)AL.74W.P
 ZE80RAX)AL.71W.P \$AM.F73H)AL.74W.P MIZ.F92H)"74L.EH?)AL.W.P"70Y R:(W.)"L03
 B.:/E74REC):EDO80WM)"85L.EH B.:N"71Y BF&:MA73T)"71\$ET ("&F75W00
 18 W:/)81L.EH? B.:N"70Y)FH:FLI75YBFMFH03)"74\$ET ("&F80W)AL.71W.P Y:(91W.\$
)AL.71W.P YA:(LF73M)AL.74W.P QO92RAX)"74L.EH?)AL.W.P"62Y
)F75H:FLIYBFMF91H B.AT-(ANF73H)"71\$ET ("&F75W00 19)"94L.EH B.:N"Y-("&F91W
 W:/)71L.EH?)AL.W.P"Y/HE73M H71W.)):EDO75WM00 20)"70L.EH B.:N"75Y-&"(IYR03
 HA/XORI80YJ3 YO\$:B"73Y HF)/F92REC? LOW+F71N W:/SOWBF73L W:/CIB:(O71WN
 WA/(:ANF75H00 21 W:/DI\$O71WN W:/)73CER W:/DIY\$F92N)"74L.EH)AL.W.P"94Y
 HA/XORI91Y? B.:N"71Y &"(I73YR B.:/E71REC):EDO75WM00 22 WA/Y.IH:Y71W.
 B.:N"Y-LOW+F73N XORI74Y W:/H"YMF92M WA):AXO71WT LOW+F73N? T.IM:NF75(00
 23 W:/)33L.EH03 B.:N"74Y \$OWBF80L (AL:WF71N W./MFNA73XAT W:/("YBF92L
 \$:PO73W W:/)OWNF75M00 24 W:/)71L.EH? B.:N"75Y-CIB:(O73WN W:/)AY.F74HJ3
 WA/(:ANF92H H74W.) (:ANF81H):A\$E63R MFCF70))ET-HA/Y."MIM03 B.A/M.ID:B.F80R?
 B.I/R:(OT/O71W)ET-HA/X:AMORI73YM L:/CIB:(O71WN)FBI75Y/W00 25 W:/)71L.EH
 B.:N"75Y-(:ANF73H D.I\$O92N? W:/)FH:FLIYBFMF73H B.AT-(ANF75H00 26 W:/)73L.EH
 B.:N"74Y DIY\$F92N XEM:D.F71N W:/)E\$B.F73N W:/YIT:RF71N W:/K:RF75N00?
 27)"73L.EH B.:N"Y-)92CER B.IL:HF71N W:/ZA:(AWF73N WA/(:AQF75N00 28)"71L.EH
 B.:N"75Y-DIY\$F73N (71W.C WA):ARF75N00? 29)"73L.EH)AL.W.P"74Y HA/XORI92Y
)AL.70W.P LOW+FN03)AL.74W.P \$OWBF80L)AL.71W.P CIB:(O73WN)AL.71W.P?
 (:ANF75H00 30)AL.71W.P D.I\$O91N)AL.71W.P)"73CER)AL.74W.P D.IY\$F92N)"74L.EH
)AL.W.P"94Y HA/XORI91Y? L:/)AL.UP"Y/HE73M B.:/E71REC &"(I75YR00
 31 W:/)33L.EH03 HA/M.:LFKI80YM):A\$E71R MFL:K73W.? B.:/E74REC):EDO92WM
 LI/P:N"71Y M:LFK:-ME73LEK: LI/B:N"71Y YI&:RF)"75L00 32 WA/Y.IM:LO74K:
 B.E):EDO80WM? B.E73LA(B.EN-B.:/O92WR W:/)\$"71M (IYR/O73W D.IN:HF75BFH00
 33 WA/Y.F73MFT B.F92LA(WA/Y.IM:LO74K: T.AX:T.F80Y/W YOWBF71B?
 B.EN-ZE73RAX MI/B.FC:RF75H00 34 WA/Y.F73MFT YOWBF92B WA/Y.IM:LO74K:
 T.AX:T.F80Y/W XU\$F73M M"/)E71REC HA/T."YMFNI75Y00? 35 WA/Y.F73MFT XU\$F92M
 WA/Y.IM:LO63K: T.AX:T.F61Y/W H:ADA74D B.EN-B.:DA81D HA/M.AK.E70H

MID:YFN03 B.I/&:D"74H? MOW)F80B W:\$"71M (IYR/O73W (:AWI75YT00
³⁶ WA/Y.F73MFT H:ADF92D WA/Y.IM:LO74K: T.AX:T.F80Y/W &AM:LF73H
MI/M.A&:R"QF75H00? ³⁷ WA/Y.F73MFT &AM:LF92H WA/Y.IM:LO74K: T.AX:T.F80Y/W
\$F)73W.L M"/R:XOBO71WT HA/N.FHF75R00 ³⁸ WA/Y.F73MFT \$F)92W.L?
WA/Y.IM:LO74K: T.AX:T.F80Y/W B.A71(AL XFNF73N B.EN-(AK:B.O75WR00
³⁹ WA/Y.FMFT02 B.A74(AL XFNF74N B.EN-(AK:B.OWR01? WA/Y.IM:LO70K:
T.AX:T.FY/W03 H:ADA80R W:\$"71M (IYR/O73W P.F92(W. W:\$"63M)IS:T./O70W
M:H"75Y+AB:)"L03 B.AT-MA+:R"80D? B.A73T M"71Y ZFHF75B00? ⁴⁰ 14W:/)"L.EH
\$:MO62WT)AL.W.P"70Y ("&FW03 L:MI\$:P.:XOT/F80M? LI/M:QOMOT/F73M
B.I/\$:MOT/F92M)AL.71W.P T.IM:NF91()AL.71W.P (A75L:WF73H)AL.71W.P Y:T"75T00
⁴¹)AL.94W.P?)FH:FLIYBFMF91H)AL.71W.P)"LF73H)AL.71W.P P.IYNO75N00
⁴²)AL.71W.P Q:NA91Z)AL.71W.P T."YMF73N)AL.71W.P? MIB:CF75R00 ⁴³)AL.71W.P
MAG:D.IY)"73L)AL.74W.P (IYRF92M)"74L.EH05)AL.W.P"74Y):EDO81WM
L:/MO75\$:BOT/FM03? B.:/E74REC):AXUZ.FT/F80M H71W.) ("&F73W):ABI71Y
):EDO75WM00 **37** ¹ WA/Y."74\$EB YA:(AQO80B B.:/E73REC M:GW.R"74Y)FBI92Y/W
B.:/E73REC K.:NF75(AN00 ²)"74L.EH05? T.OL:DO74WT YA:(AQO81B YOWS"62P
B.EN-\$:BA75(-E&:R"70H \$FNFH03 HFYF63H RO(E70H)ET-)EXFY/W03 B.A/C.O80N)?
W:/H74W.) NA81(AR)ET-B.:N"71Y BIL:HF91H W:/)ET-B.:N"71Y ZIL:P.F73H N:\$"74Y
)FBI92Y/W WA/Y.FB"71) YOWS"91P)ET-?D.IB.FT/F71M RF(F73H)EL-):ABIY/HE75M00
³ W:/YI&:RF)"81L)FHA70B)ET-YOWS"P03 MI/K.FL-B.FNF80Y/W
K.I75Y-?BEN-Z:QUNI71YM H73W.) L/O92W W:/(F71&FH L/O73W K.:TO71NET
P.AS.I75YM00 ⁴ WA/Y.IR:)74W)EXF81Y/W K.I75Y-)OT/O62W)FHA70B?):ABIY/HEM03
MI/K.FL-)EXF80Y/W WA75/Y.I&:N:)73W.)OT/O92W W:/LO71) YFK:L73W. D.AB.:R/O71W
L:/\$FLO75M00 ⁵ WA/Y.AX:ALO70M? YOWS"P03 X:ALO80WM WA/Y.AG."73D
L:/)EXF92Y/W WA/Y.OWSI71PW. (O73WD &:NO71))OT/O75W00 ⁶ WA/Y.O73)MER
):AL"Y/HE92M? \$IM:(W.-NF85) HA/X:ALO71WM HA/Z.E73H):A\$E71R XFLF75M:T.IY00
⁷ 14W:/HIN."H):ANA61X:NW. M:)AL.:MI70YM):ALUM.IYM03? B.:/TO74WK:
HA/&FDE80H W:/HIN."91H QF71MFH):ALUM.FT/I73Y W:/GAM-NIC.F92BFH
W:/HIN."70H T.SUB.E33YNFH03):ALUM.O74T"Y/KE80M? WA/T.I75\$:T.AX:AWE73YNF
LA):ALUM.FT/I75Y00 ⁸ WA/Y.O70)M:RW. L/O70W)EXF80Y/W H:A/MFLO70K:
T.IM:LOK:03 (FL"80Y/NW.)IM-?MF\$O71WL T.IM:\$O73L B./F92NW. WA/Y.OWSI70PW.
(O70D3 &:NO74))OT/O80W (AL-X:ALOMOT/F73Y/W W:/(AL-D.:BFRF75Y/W00?
⁹ WA/Y.AX:ALO71M (O70D3 X:ALO74WM)AX"80R WA/Y:SAP."71R)OT/O73W
L:/)EXF92Y/W WA/Y.O81)MER HIN."63H XFLA70M:T.I75Y? X:ALOWM03 (O80WD
W:/HIN."94H HA/\$.E74ME\$ W:/HA/Y.FR"81XA W:/)AXA70D (F&FR03 K.O75WKFB180YM
MI75\$:T.AX:AWI73YM L/I75Y00? ¹⁰ WA/Y:SAP."74R)EL-)FBIY/W02 W:/)EL-)EXFY/W01
WA/Y.IG:(AR-B./O74W)FBI80Y/W WA/Y.O74)MER L/O80W MF91H HA/X:ALO71WM?
HA/Z.E73H):A\$E74R XFLF92M:T.F H:A/BO74W) NFBO81W)):ANIY03 W:/)IM.:KF74
W:/)AXE80Y/KF L:/HIS:T.AX:AWO71T L:/KF73)F75R:C/FH00? ¹¹ WA/Y:QAN:)W.-B/O73W
)EXF92Y/W W:/)FBI73Y/W \$FMA71R)ET-HA/D.FBF75R00 ¹² WA/Y."L:K73W.)EXF92Y/W?
LI/R:(O91WT)E52T52-CO71)N]4):ABIY/HE73M B.I/\$:KE75M00 ¹³ WA/Y.O63)MER
YI&:RF)"61L)EL-YOWS"81P H:A/LO70W)?)AXE33Y/KF03 RO(I74YM B.I/\$:KE80M
L:KF73H W:/)E\$:LFX/:AKF74):AL"Y/HE92M WA/Y.O71)MER L/O73W HIN."75NIY00
¹⁴ WA/Y.O74)MER? L/O81W LEK:-NF63) R:)"61H)ET-\$:LO70WM)AXE33Y/KF03
W:/)ET-\$:LO74WM HA/C.O80)N WA/H.A\$IB/"73NIY D.FBF92R? WA/Y.I\$:LFX/"33HW.03
M"/("74MEQ XEB:RO80WN WA/Y.FBO73) \$:KE75M/FH00 ¹⁵ WA/Y.IM:CF)"74HW.)I80YS
W:/HIN."71H TO(E73H? B.A/&FDE92H WA/Y.I\$:)FL/"94HW. HF/)I91Y\$ L"/)MO73R
MAH-T.:BAQ."75\$00 ¹⁶ WA/Y.O85)MER)ET-)AX/A73Y)FNOKI74Y? M:BAQ."92\$
HAG.I75YDFH-N.F74) L/I80Y)"YPO73H H"71M RO(I75YM00 ¹⁷ WA/Y.O70)MER HF/)IY\$03
NFS:(74W. MI/Z.E80H K.I70Y? \$FMA33(:T.IY03)O75M:RI80YM N"L:KF73H
D.OTF92Y:N/FH WA/Y."70LEK: YOWS"P03)AXA74R)EXF80Y/W WA/Y.IM:CF)"73M
B.:/DOTF75N00? ¹⁸ WA/Y.IR:)71W.)OT/O73W M"/RFXO92Q W:/B:/+E33REM03
YIQ:RA74B):AL"Y/HE80M WA/Y.I75T:NAK.:L71W.)OT/O73W LA/H:AMIYT/O75W00?
¹⁹ WA/Y.O)M:R73W.)I74Y\$)EL-)FXI92Y/W HIN."81H B.A91(AL HA/X:ALOMO71WT
HAL.FZE73H B.F75)00 ²⁰ W:/(AT.F74H05? L:K74W. W:/NA75HAR:G/"81HW.
W:/NAS:LIK/"33HW.03 B.:/AXA74D HA/B.ORO80WT W:/)FMA85R:NW. XAY.F71H
RF(F73H):AKFLF92T:/HW.? W:/NIR:)E85H MAH-Y.IH:Y73W. X:ALOMOTF75Y/W00

WA/Y.IS:MA74(R:)W.B"80N WA/Y.AC.IL/"73HW. MI/Y.FD/F92M WA/Y.O85)MER? LO71)
 NAK.E73N.W. NF75PE\$00 22 WA/Y.O63)MER):AL/"HE74M05 R:)W.B"N02
)AL-T.IS:P.:KW.-DFM01 HA\$:LI74YKW.?)OT/O81W)EL-HA/B.O70WR HA/Z.EH03
):A\$E74R B.A/M.ID:B.F80R W:/YF73D)AL-T.IS:L:XW.-B/O92W L:MA81(AN HAC.I70YL?
)OT/OW03 MI/Y.FD/F80M LA/H:A\$IYB/O73W)EL-)FBI75Y/W00 23 WA95/Y:HI85Y
 K.A95/):A\$ER-B.F71) YOWS"73P)EL-)EXF92Y/W? WA/Y.AP:\$I70Y+W.)ET-YOWS"P03
)ET-K.UT.FN:T./O80W)ET-K.:TO71NET HA/P.AS.I73YM):A\$E71R (FLF75Y/W00?
 24 WA/Y.I63Q.FXU80/HW. WA/Y.A\$:LI71KW.)OT/O73W HA/B.O92R/FH W:/HA/B.O74WR
 R"80Q)"71YN B./O73W MF75YIM00 25 WA/Y.":\$:BW.02? LE75/):EKFL-LEXEM01
 WA/Y.I&:70W. ("75YN"Y/HEM03 WA/Y.IR.:80W. W:/HIN."H03)OR:XA74T
 YI\$:M:(")LI80YM B.F)F73H? MI/G.IL:(F92D W./G.MAL."Y/HE74M NO75&:I81YM
 N:KO)T03 W./C:RI74Y WF/LO80+ HOWL:KI73YM L:/HOWRI71YD MIC:RF75Y:M/FH00?
 26 WA/Y.O71)MER Y:HW.DF73H)EL-)EXF92Y/W MAH-B.E81CA(K.I70Y NAH:AROG03
)ET-)FXI80Y/NW. W:/KIS.I73YNW.)ET-?D.FM/O75W00 27 L:K62W. W:/NIM:K.:R/E74N.W.
 LA/Y.IS:M:(")LI81YM W:/YFD/"33NW.03)AL-T.:HIY-B/O80W K.I75Y-)FXI71Y/NW.?
 B:&FR/"73NW. H92W.) WA75/Y.IS:M:(73W.)EXF75Y/W00 28 WA/Y.A75(AB:RW.04
):ANF\$163YM MID:YFNI61YM SO75X:ARI81YM WA75/Y.IM:\$:KW.03?
 WA/Y.A75(:AL70W.)ET-YOWS"P03 MIN-HA/B.O80WR WA/Y.IM:K.:R94W.
)ET-YOWS"91P LA/Y.IS:M:(")LI73YM B.:(E&:RI74YM? K.F92SEP WA/Y.FBI71Y)W.
)ET-YOWS"73P MIC:RF75Y:M/FH00 29 WA/Y.F70\$FB R:)W.B"N03)EL-HA/B.O80WR
 W:/HIN."71H?)"YN-YOWS"73P B.A/B.O92WR WA/Y.IQ:RA73()ET-B.:GFDF75Y/W00
 30 WA/Y.F71\$FB)EL-)EXF73Y/W WA/Y.O)MA92R HA/Y.E74LED?)"YN/E80N.W.
 WA):ANI73Y)F71NFH):ANIY-BF75)00 31 WA/Y.IQ:X73W.)ET-K.:TO74NET YOWS"92P
 WA75/Y.IS:X:A+W.03 &:(I74YR (IZ.I80YM? WA/Y.I+:B.:L71W.)ET-HA/K.UT.O73NET
 B.A/D.F75M00 32 WA75/Y:\$AL.:X62W.)ET-K.:TO74NET HA/P.AS.I81YM
 WA/Y.FBI33Y)W.03)EL-?):ABIY/HE80M WA/Y.O)M:R73W. ZO74)T MFCF92)NW.
 HAK.ER-NF81) HA/K.:TO94NET B.IN/:KF91 HI73W))IM-LO75)00? 33 WA/Y.AK.IYR/F70H.
 WA/Y.O33)MER03 K.:TO74NET B.:N/I80Y XAY.F71H RF(F73H):AKFLF92T:/HW.
 +FRO71P +ORA73P YOWS"75P00? 34 WA/Y.IQ:RA70(YA:(AQOB03 &IM:LOTF80Y/W
 WA/Y.F71&EM &A73Q B.:MFT:NF92Y/W WA/Y.IT:)AB."71L (AL-B.:N/O73W
 YFMI71YM? RAB.I75YM00 35 WA/Y.FQUMW.04 KFL-B.FNF63Y/W
 W:/KFL-B.:NOTF61Y/W L:/NAX:AM/O81W WA/Y:MF)"N03 L:/HIT:NAX"80M
 WA/Y.O85)MER? K.I75Y-)R"94D)EL-B.:N/I91Y)FB"73L \$:)O92L/FH WA/Y."71B:K.:
)OT/O73W)FBI75Y/W00 36 W:/HA63/M.:DFNI80YM MFK:R71W.?)OT/O73W
)EL-MIC:RF92YIM L:/PO75W+IYPAR03 S:RI74YS P.AR:(O80H &A73R
 HA/+AB.FXI75YM00 **38** 1 WA75/Y:HIY03 B.F/("74T HA/Hi80W) WA/Y."71RED
 Y:HW.DF73H M"/)"74T)EXF92Y/W WA/Y."91+ (AD-)I71Y\$? (:ADUL.FMI73Y
 W./\$:M/O71W XIYRF75H00 2 WA/Y.AR:)-\$F94M Y:HW.DF91H B.AT-)I71Y\$
 K.:NA:(ANI73Y W./\$:M/O74W \$92W.(A? WA/Y.IQ.FX/E73HF WA/Y.FBO71))"LE75Y/HF00
 3 WA/T.A73HAR WA/T."74LED B."92N WA/Y.IQ:RF71))ET-\$:M/O73W ("75R00
 4 WA/T.A71HAR? (O73WD WA/T."74LED B."92N WA/T.IQ:RF71))ET-\$:M/O73W
)OWNF75N00 5 WA/T.O70SEP (OWD03 WA/T."74LED B."80N WA/T.IQ:RF71)?
)ET-\$:M/O73W \$"LF92H W:/HFYF71H BI/K:ZI73YB B.:LID:T./F71H.)OT/O75W00
 6 WA/Y.IQ.A94X Y:HW.DF91H)I\$.F73H L:/("74R? B.:KOWR/O92W W./\$:M/F73H.
 T.FMF75R00 7 WA/Y:HI81Y 10("R B.:KO74WR Y:HW.DF80H RA73(B.:("YN"74Y
 Y:HWDF92H WA/Y:MIT/"73HW.? Y:HWDF75H00 8 WA/Y.O70)MER Y:HW.DFH03
 L:/)OWNF80N B.O91))EL-)71\$SET)FXI73Y/KF W:/YAB."74M)OT/F92H. W:/HFQ"71M?
 ZE73RA(L:/)FXI75Y/KF00 9 WA/Y."74DA()OWNF80N K.I91Y L.O71)j1 L/O73W
 YIH:YE74H HA/Z.F92RA(W:/HFYF62H)IM-B.F63))EL-?)70\$SET)FXIY/W03 W:/\$IX"74T
)A80R:C/FH L:/BIL:T.I71Y N:TFN-ZE73RA(L:/)FXI75Y/W00 10 WA/Y."91RA(
 B.:("YN"71Y? Y:HWDF73H):A\$E74R (F&F92H WA/Y.F73MET G.AM-)OT/O75W00
 11 WA/Y.O74)MER Y:HW.DFH04 L:/TFMF63R K.AL.FT/O61W \$:BI94Y?)AL:MFNF74H
 B"YT-)FBI81Y/K: (AD-YIG:D.AL03 \$"LF74H B:N/I80Y K.I74Y)FMA80R P.EN-YFM71W.T
 G.AM-H73W.?) K.:)EXF92Y/W WA/T."74LEK: T.FMF80R WA/T."73\$EB B."71YT
)FBI75Y/HF00 12 WA/Y.IR:B.W.03 HA/Y.FMI80YM WA/T.F73MFT? B.AT-\$74W.(A
)"75\$SET-Y:HW.DF92H WA/Y.IN.F74XEM Y:HW.DF81H WA/Y.A61(AL
 (AL-G.O75Z:AZ"70Y CO)N/OW03 H81W.) W:/XIYRF91H? R"/("71HW. HF/(:ADUL.FMI73Y

T.IM:NF75T/FH00 13 WA/Y.UG.A71D L:/TFMF73R L"/)MO92R HIN."71H XFMI91Y/K:
(OLE71H? TIM:NF73T/FH LF/GO71Z CO)N/O75W00 14 WA/T.FSAR04 B.IG:D"63Y
)AL:M:NW.T/F61H. M"75/(FLE81Y/HF WA/T.:KA70S B.A/C.F(IYP03? WA/T.IT:(AL.F80P
WA/T."33\$EB03 B.:PE74TAX ("YNA80YIM):A\$E73R (AL-D.E74REK: T.IM:NF92T/FH
K.I70Y RF):ATFH03 K.I75Y-?GFDA74L \$"LF80H W:/HI85W) LO75)-NIT.:NF71H L/O73W
L:/)I\$.F75H00 15 WA/Y.IR:)/E74HF Y:HW.DF80H WA95/Y.AX:\$:B/E73HF L:/ZOWNF92H?
K.I71Y KIS.:TF73H P.FNE75Y/HF00 16 WA/Y."63+)"LE61Y/HF)EL-HA/D.E81REK:
WA/Y.O33)MER03 HF75BFH-N.F)03)FBO74W))"LA80Y/IK: 10K.IY LO74) YFDA80(
K.I71Y KAL.FT/O73W HI92W) WA/T.O33)MER03 MAH-T.IT.EN-L./I80Y)1 K.I71Y
TFBO73W))"L/F75Y00? 17 WA/Y.O85)MER)FNOKI91Y):A\$AL.A71X G.:DI75Y-(IZ.I73YM
MIN-HA/C.O92)N WA/T.O85)MER)IM-T.IT."71N ("RFBO73WN? (A71D \$FL:X/E75KF00
18 WA/Y.O81)MER MF74H HF95/("RFBOWN02):A\$E74R)ET.EN-L./FK:01 WA/T.O81)MER
XOTF75M:/KF03? W./P:TIYL/E80KF W./MA+./:KF73):A\$E74R B.:YFD/E92KF
WA/Y.IT.EN-L./F91H. WA/Y.FBO71))"LE73Y/HF WA/T.A71HAR L/O75W00
19 WA/T.F74QFM? WA/T."80LEK: WA/T.F71SAR C:(IYP/F73H. M"/(FLE92Y/HF
WA/T.IL:B.A73\$ B.IG:D"71Y)AL:M:NW.T/F75H.00 20 WA/Y.I\$:LA63X? Y:HW.DF61H
)ET-G.:DI74Y HF75/(IZ.I81YM B.:YAD03 R"/("74HW. HF75/(ADUL.FMI80Y LF/QA71XAT
HF/("RFBO73WN MI/Y.A74D HF)/I\$.F92H? W:/LO73) M:CF)/F75H.00 21 WA/Y.I\$:A62L
)ET-)AN:\$"70Y M:QOM/FH.03 L"/)MO80R)AY."94H HA/Q.:D"\$F91H HI71W)?
BF/("YNA73YIM (AL-HA/D.F92REK: WA/Y.O74)M:R80W. LO)-HFY:TF71H BF/ZE73H
Q:D"\$F75H00 22 WA/Y.F33\$FB03)EL-?Y:HW.DF80H WA/Y.O73)MER LO74)
M:CF)TI92Y/HF W:/GA63M)AN:\$"70Y HA/M.FQOWM03)F75M:R80W. LO)-HFY:TF71H
BF/ZE73H? Q:D"\$F75H00 23 WA/Y.O70)MER Y:HW.DF03 T.I75Q.A75X-L/F80H. P.E73N
NIH:YE74H LF/B92W.Z HIN."70H \$FLA33X:T.IY03 HA/G.:DI74Y? HA/Z.E80H
W:/)AT.F73H LO71) M:CF)T/F75H.00 24 WA/Y:HI74Y05 K./MI/\$:LO74\$ X:FDF\$I81YM
WA/Y.UG.A63D LI75/YHW.DF70H? L"95)/MOR03 ZF75N:TFH03 T.FMF74R
K.AL.FT/E80KF W:/GA91M HIN."71H HFRF73H LI/Z:NW.NI92YM WA/Y.O74)MER
Y:HW.DF80H HOWCIY)73W./HF? W:/TI&FR"75P00 25 HI74W) MW.C"81)T W:/HI63Y)
\$FL:XF70H)EL-XFMI33Y/HF03 L"/)MO80R L:/)IY\$03):A\$ER-?"74L.EH L./O80W
)FNOKI73Y HFRF92H WA/T.O33)MER03 HAK.ER-NF80) L:/MI62Y HA/XOTE94MET
W:/HA/P.:TIYL91YM? W:/HA/M.A+.E73H HF/)"75L.EH00 26 WA/Y.AK."74R Y:HW.DF81H
WA/Y.O33)MER03 CF75D:QF74H MI/M./E80N.IY K.I75Y-(AL-K."71N LO)-?N:TAT.I73Y/HF
L:/)\$LF74H B:N/I92Y W:/LO75)-YFSA71P (O73WD L:/DA:(T./F75H.00)2 27 WA/Y:HI73Y
B.:("74T LID:T./F92H. W:/HIN."71H? T:)OWMI73YM B.:BI+:N/F75H.00 28 WA/Y:HI71Y
B:/LID:T./F73H. WA/Y.IT.EN-YF92D WA/T.IQ.A74X HA/M:YAL.E81DET WA/T.IQ:\$O63R?
(AL-YFD/O70W \$FN1Y03 L"/)MO80R ZE73H YFCF71) RI)\$ONF75H00 29 WA/Y:HI74Y05
K./M"\$I74YB YFD/O81W W:/HIN."H03 YFCF74)?)FXI80Y/W WA/T.O85)MER
MAH-P.FRA73C:T.F (FLE74Y/KF P.F92REC WA/Y.IQ:RF71) \$:M/O73W P.F75REC00
30 W:/)AXAR03? YFCF74))FXI80Y/W):A\$E71R (AL-YFD/O73W HA/\$.FNI92Y
WA/Y.IQ:RF71) \$:M/O73W ZF75RAX00 39 1 W:/YOWS"73P HW.RA74D MIC:RF92Y:M/FH
WA/Y.IQ:N/"83HW. P.OW+IYPAR04 S:RI63YS P.AR:(O61H &A70R HA/+AB.FXIYM03?
)I74Y\$ MIC:RI80Y MI/Y.AD03 HA/Y.I\$:M:(")LI80YM):A\$E71R HOWRIDU73/HW.
\$F75M./FH00 2 WA/Y:HI70Y Y:HWFH03?)ET-YOWS"80P WA/Y:HI73Y)I74Y\$
MAC:LI92YXA WA/Y:HI85Y B.:B"71YT):ADONF73Y/W HA/M.IC:RI75Y00
3 WA/Y.A74R:)ADONF80Y/W? K.I71Y Y:HWF73H)IT./O92W W:/KOL03):A\$ER-H74W.)
(O&E80H Y:HWF73H MAC:LI71YXA B.:YFD/O75W00 4 WA/Y.IM:CF63) YOWS"71P?
X"91N B.:("YNF73Y/W WA/Y:\$F74RET)OT/O92W WA/Y.AP:QID/"33HW.03
(AL-B."YT/O80W W:/KFL-YES-L/O73W NFTA71N B.:YFDO75W00? 5 WA/Y:HI83Y
M"/)FZ04 HIP:QI63YD)OT/O61W B.:B"YT/O81W W:/AL03 K.FL-):A\$E74R YES-L/O80W
WA/Y:BF94REK: Y:HWF91H)ET-?B."71YT HA/M.IC:RI73Y B.IG:LA74L YOWS"92P
WA/Y:HI62Y B.IR:K.A70T Y:HWFH03 B.:KFL-):A\$E74R YES-L/O80W B.A/B.A73YIT?
W./BA/&.FDE75H00 6 WA/Y.A:(AZO74B K.FL-):A\$ER-L/OW02 B.:YAD-YOWS"P01
W:/LO)-YFDA70()IT./OW03 M:)80W.MFH K.I71Y?)IM-HA/L.E73XEM):A\$ER-H74W.)
)OWK"92L WA/Y:HI74Y YOWS"80P Y:P"H-TO73)AR WI/YP"71H? MAR:)E75H00
7 WA/Y:HI81Y)AXAR03 HA/D.:BFRI74YM HF/)"80L.EH WA/T.I&.F94)
)"75\$ET-):ADONF91Y/W)ET-("YNE73Y/HF?)EL-YOWS"92P WA/T.O73)MER \$IK:BF71H
(IM./I75Y00 8 WA/Y:MF)"65N05 WA/Y.O33)MER03)EL-)"74\$ET):ADONF80Y/W H"74N?

):ADON/I80Y LO)-YFDA71()IT./I73Y MAH-B.A/B.F92YIT W:/KO71L):A\$ER-YE\$-L/O73W
 NFTA71N B.:YFD/I75Y00 9)"YN/E63N.W.? GFDO61WL B.A/B.A74YIT HA/Z.EH02
 MI/M./EN.IY01 W:/LO75)-XF&A70K: MI/M./E33N.IY03 M:)80W.MFH K.I71Y
)IM-)OWT/F73K: B.A/):A\$E74R?)AT.-):I\$T./O92W W:/)"63YK:)E75(:E&E61H HF/RF(F70H
 HA/G.:DOLFH03 HA/Z.O80)T W:/XF+F73)TIY L"75/)LOHI75YM00? 10 WA/Y:HI85Y
 K.:/DAB.:RF71H.)EL-YOWS"73P YO74WM05 YO92WM W:/LO)-\$FMA71()"LE91Y/HF
 LI/\$:K.A71B)EC:L/F73H.? LI/H:YO71WT (IM./F75H.00 11 WA/Y:HIY03 K.:/HA/Y.O74WM
 HA/Z.E80H WA/Y.FBO71) HA/B.A73Y:T/FH LA/(:A&O74WT M:LA)K:T./O92W? W:/)"63YN
)I61Y\$ M"/)AN:\$"71Y HA/B.A91YIT \$F73M B.A/B.F75YIT00 12 WA/T.IT:P.:&/"94HW.
 B.:/BIG:D/O91W L"/)MO73R \$IK:BF74H? (IM./I92Y WA/Y.A(:AZO70B B.IG:D/OW03
 B.:/YFD/F80H. WA/Y.F73NFS WA/Y."C"71) HA/X75W.C/FH00 13 WA/Y:HIY03
 K.I/R:)OWT/F80H. K.I75Y-(FZA71B? B.IG:D/O73W B.:/YFD/F92H. WA/Y.F73NFS
 HA/X75W.C/FH00 14 WA/T.IQ:RF62) L:/)AN:\$"74Y B"YT/F81H. WA/T.O70)MER
 L/FHEM03? L"/)MO80R R:)81W. H"71BIY) L/F91NW.)I71Y\$ (IB:RI73Y L:/CA74XEQ
 B./F92NW. B.F70))"L/AY03 LI/\$:K.A74B (IM./I80Y? WF)/EQ:RF73) B.:/QO71WL
 G.FDO75WL00 15 WA/Y:HI74Y K:\$FM:(O80W K.I75Y-H:ARIYMO71TIY QOWL/I73Y
 WF)/EQ:RF92) WA/Y.A(:AZO70B? B.IG:D/OW03)EC:L/I80Y WA/Y.F73NFS WA/Y."C"71)
 HA/X75W.C/FH00 16 WA/T.AN.A71X B.IG:D/O73W)EC:L/F92H. (AD-B.O71W)
):ADONF73Y/W?)EL-B."YT/O75W00 17 WA/T.:DAB."74R)"LF80Y/W K.A/D.:BFRI71YM
 HF/)"73L.EH L"/)MO92R B.F75)-)"L/A62Y HF/(E94BED? HF75/(IB:RI91Y
):A\$ER-H"B"71)TF L./F73NW. L:/CA71XEQ B./I75Y00 18 WA/Y:HI85Y K.A/H:ARIYMI71Y
 QOWL/I73Y WF)/EQ:RF92)? WA/Y.A(:AZO71B B.IG:D/O91W)EC:L/I73Y WA/Y.F71NFS
 HA/X75W.C/FH00 19 WA/Y:HIY04 KI/\$:MO63(A):ADONF61Y/W)ET-D.IB:R"74Y?
)I\$T./O81W):A\$E63R D.IB.:RF70H)"LFY/W03 L"/)MO80R K.A/D.:BFRI74YM HF/)"80L.EH
 (F71&FH.J1 L/I73Y (AB:D./E92KF? WA/Y.I73XAR)AP./O75W00 20 WA/Y.IQ.AX04
):ADON"63Y YOWS"61P)OT/O81W WA75/Y.IT.:N/"33HW.03)EL-B."74YT HA/S.O80HAR
 M:QO85WM?):A\$ER-*)ASIR"71Y HA/M.E73LEK:):ASW.RI92YM WA95/Y:HIY-\$F73M
 B.:/B"71YT HA/S.O75HAR00 21 WA/Y:HI70Y Y:HWFH03?)ET-YOWS"80P WA/Y."71+
)"LF73Y/W XF92SED WA/Y.IT."74N XIN./O80W B.:/"YN"73Y &A71R
 B."YT-HA/S.O75HAR00 22 WA/Y.IT."62N &A70R? B."YT-HA/S.O33HAR03
 B.:/YAD-YOWS"80P 10)"T K.FL-HF74/):ASIRI80M):A\$E73R B.:/B"74YT HA/S.O92HAR
 W:/)"63T? K.FL-):A\$E70R (O&IYM03 \$F80M H73W.) HFYF71H (O&E75H00 23)"74YN05
 &A74R B."YT-HA/S.O81HAR RO)E70H?)E75T-K.FL-M:)33W.MFH03 B.:/YFD/O80W
 B.A/):A\$E71R Y:HWF73H)IT./O92W WA75/):A\$ER-H71W.) (O&E73H Y:HWF71H?
 MAC:LI75YXA00 40 1 WA/Y:HI81Y)AXAR03 HA/D.:BFRI74YM HF/)"80L.EH
 XF71+):91W.J3 MA\$Q"71H ME75LEK:-MIC:RA73YIM? W:/HF/)OPE92H
 LA/):ADON"Y/HE73M L:/ME71LEK: MIC:RF75YIM00 2 WA/Y.IQ:CO74P P.AR:(O80H
 (A73L \$:N"74Y SFRIYSF92Y/W? 10(AL &A74R HA/M.A\$QI80YM W:/)(A73L &A71R
 HF/)OWPI75YM00 3 WA/Y.IT."63N)OT/F61M B.:/MIS:MA81R B."91YT &A71R?
 HA/+AB.FXI73YM)1)EL-B."74YT HA/S.O92HAR M:QO85WM):A\$E71R YOWS"73P
)FS71W.R \$F75M00 4 14WA/Y.IP:QOD &A74R? HA/+AB.FXI94YM)ET-YOWS"91P
)IT./F73M WA/Y:\$F74RET)OT/F92M WA/Y.IH:Y71W. YFMI73YM B.:/MIS:MF75R00
 5 WA/Y.A75XAL:MW.04? X:ALO63WM \$:N"Y/HE61M)I70Y\$ X:ALOM/OW03
 B.:/LA74Y:LFH)EXF80D)I73Y\$ K.:/PIT:RO74WN X:ALOM/O92W HA/M.A\$QE74H?
 W:/HF/)OPE81H):A\$ER03 L:/ME74LEK: MIC:RA80YIM):A\$E71R):ASW.RI73YM
 B.:/B"71YT HA/S.O75HAR00 6 WA/Y.FBO94)?):AL"Y/HE91M YOWS"73P B.A/B.O92QER
 WA/Y.A74R:))OT/F80M W:/HIN./F73M ZO:(API75YM00 7 WA/Y.IS:)A62L
)ET-S:RIYS"74Y? PAR:(O81H):A\$E63R)IT./O94W B:/MIS:MA91R B."71YT
):ADONF73Y/W L"/)MO92R MAD.91W.(A P.:N"Y/KE71M RF(I73YM? HA/Y.O75WM00
 8 WA/Y.O)M:R74W.)"LF80Y/W X:ALO74WM XFLA80M:NW. W./POT"73R)"74YN
)OT/O92W WA/Y.O63)MER):AL/"HE61M? YOWS"81P H:A/LO70W) L"95/)LOHIYM03
 P.IT:RONI80YM SAP.:RW.-NF73) L/I75Y00 9 WA/Y:SAP."94R &A75R-HA/M.A\$QI91YM?
)ET-X:ALOM/O73W L:/YOWS"92P WA/Y.O74)MER L/O80W B.A/X:ALOWM/I85Y
 W:/HIN."H-GE73PEN L:/PFNF75Y00 10 W./BA/G.E73PEN \$:LO\$F74H? &FRIYGI92M
 W:/HI70Y) K:/PORA33XAT03 (FL:TF74H NIC./F80H. HIB:\$I71YLW.)A\$K.:LOTE73Y/HF
 (:ANFBI75YM00? 11 W:/KO71WS P.AR:(O73H B.:/YFD/I92Y WF)/EQ.A74X
)ET-HF75/(:ANFBI81YM WF75/)E&:XA70+)OT/FM03)EL-K.O74WS P.AR:(O80H?

WF)/ET."71N)ET-HA/K.O73WS (AL-K.A71P P.AR:(O75H00 12 WA/Y.O70)MER L/OW03
YOWS"80P ZE73H P.IT:RON/O92W \$:LO33\$ET03? HA/&.F74RIGI80YM \$:LO71\$ET
YFMI73YM H"75M00 13 B.:(O74WD05 \$:LO74\$SET YFMI81YM YI&.F70) PAR:(OH03
)ET-?RO)\$E80KF WA/H:AS\$I75YB/:KF73 (AL-K.AN./E92KF W:/NFTAT.F70
KOWS-P.AR:(OH03 B.:/YFD/O80W K.A.M.IS:P.F+03 HF75/RI)\$O80WN?):A\$E71R
HFYI73YTF MA\$:Q/"75HW.00 14 K.I94Y)IM-Z:KAR:T./A74NIY)IT./:KF81 K.A):A\$ER03
YI74Y+AB LF80K: W:/(F&I75YTF-?N.F71) (IM.FD/I73Y XF92SED
W:/HIZ:K.AR:T./A33NIY03)EL-P.AR:(O80H W:/HOWC")T/A73NIY MIN-HA/B.A71YIT
HA/Z.E75H00 15 K.I75Y-?GUN.O74B G.UN.A80B:T.IY M"/)E73REC HF/(IB:RI92YM
W:/GAM-P.OH03 LO)-(F&I74YTI75Y M):80W.MFH K.I75Y-&FM71W.)OT/I73Y?
B.A/B.O75WR00 16 WA/Y.A71R:) &AR-HF/OPI73YM K.I74Y +O74WB P.FTF92R
WA/Y.O33)MER03)EL-YOWS"80P?)AP-):ANIY03 B.A/X:ALOWM/I80Y W:/HIN."81H
\$:LO\$F91H SAL."71Y XORI73Y (AL-RO)\$I75Y00 17 W./BA/S.A74L HF75/(EL:YOW80N?
MI/K.O91L MA):AKA71L P.AR:(O73H MA(:A&"74H)OPE92H W:/HF/(O81WP)OK"71L
)OT/F91M MIN-HA/S.A73L M"/(A71L? RO)\$I75Y00 18 WA/Y.A70(AN YOWS"P03
WA/Y.O80)MER ZE73H P.IT:RON/O92W \$:LO33\$ET03 HA/S.AL.I80YM \$:LO71\$ET
YFMI73YM? H"75M00 19 B.:(O74WD05 \$:LO74\$SET YFMI81YM YI&.F63) PAR:(O70H
)ET-RO75)\$:KF03 M"75/(FLE80Y/KF W:/TFLF71H?)OWT/:KF73 (AL-("92C W:/)FKA71L
HF/(O91WP)ET-B.:&FR/:KF73 M"/(FLE75Y/KF00 20 WA/Y:HI74Y05 B.A/Y.O74WM?
HA/\$.:LIY\$I81Y 10YOWM]3 HUL.E74DET)ET-P.AR:(O80H WA/Y.A71(A& MI\$:T.E73H
L:/KFL-(:ABFDF92Y/W WA/Y.I&.F62))ET-?RO74)\$05 &A74R HA/M.A\$:QI81YM
W:/)ET-RO91)\$ &A71R HF/OPI73YM B.:/TO71WK: (:ABFDF75Y/W00 21 WA/Y.F91SEB?
)ET-&A71R HA/M.A\$:QI73YM (AL-MAS:Q/"92HW. WA/Y.IT."71N HA/K.O73WS
(AL-K.A71P P.AR:(O75H00 22 W:/)91T? &A71R HF/OPI73YM T.FLF92H K.A):A\$E71R
P.FTA91R L/FHE73M YOWS"75P00 23 W:/LO75)-ZFKA94R &A75R-HA/M.A\$:QI91YM?
)ET-YOWS"73P WA/Y.IS:K.FX/"75HW.00 41 1 WA/Y:HI85Y MI/Q."73C \$:NFTA74YIM
YFMI92YM W:/PAR:(O74H XOL"80M W:/HIN."73H (OM"71D (AL-?HA/Y:)O75R00
2 W:/HIN."74H MIN-HA/Y:)O81R (OLO70WT)AX:AR"Y/HEN03 MIN-?HA/Y:)O80R RF(O71WT
MAR:)E73H W:/DAQ.O74WT B.F&F92R WA75/T.A(:AMO91D:NFH)"71CEL
HA/P.FRO73WT (AL-&:PA71T? HA/Y:)O75R00 4 WA/T.O)KA74L:NFH HA/P.FRO81WT
RF(O70WT HA/M.AR:)EH03 W:/DAQ.O74T HA/B.F&F80R 10)"T \$E74BA(? HA/P.FRO80WT
Y:PO71T HA/M.AR:)E73H W:/HA/B.:RIY)O92T WA/Y.IYQA73C P.AR:(O75H00
5 WA/Y.IY\$F85N WA75/Y.AX:ALO73M \$"NI92YT? W:/HIN."74H05 \$E74BA(\$IB.:FLI81YM
(OLO91WT B.:/QFNE71H)EXF73D B.:RIY)O71WT W:/+OBO75WT00 6 W:/HIN."H03
\$E74BA(? \$IB.:FLI80YM D.AQ.O73WT W:/\$.DW.PO74T QFDI92YM COM:XO73WT
)AX:AR"Y/HE75N00 7 WA/T.IB:LA33(:NFH03 HA/\$.IB.:FLI74YM? HA/D.AQ.O80WT 10)"T
\$E74BA(HA75/\$.IB.:FLI80YM HA/B.:RIY)O73WT W:/HA/M.:L")O92WT WA/Y.IYQA71C
P.AR:(O73H W:/HIN."71H? X:ALO75WM00 8 WA/Y:HI70Y BA/B.O33QER03
WA/T.IP.F74(EM RW.X/O80W WA/Y.IS:LA81X WA/Y.IQ:RF91))ET-K.FL-XAR:+UM."71Y?
MIC:RA73YIM W:/)ET-K.FL-X:AKFME92Y/HF WA/Y:SAP."63R P.AR:(O70H L/FHEM03
)ET-X:ALOM/O80W W:/)"YN-P.OWT"71R?)OWT/F73M L:/PAR:(O75H00
9 WA/Y:DAB."R03 &A74R HA/M.A\$:QI80YM)ET-P.AR:(O73H L"/)MO92R
)ET-?X:A+F)A85Y):ANI73Y MAZ:K.I71YR HA/Y.O95WM00 10 P.AR:(O73H QFCA74P
(AL-(:ABFDF92Y/W WA/Y.IT."63N)OT/I61Y B.:/MI\$:MA81R? 10B."YT &A74R
HA/+AB.FXI80YM)OT/I85Y W:/)"73T &A71R HF/OPI75YM00 11 WA/N.A75XAL:MF71H
X:ALO91WM B.:/LA71Y:LFH?)EXF73D):ANI74Y WF/H92W.))I91Y\$ K.:/PIT:RO71WN
X:ALOM/O73W XFLF75M:NW.00 12 W:/F63M)IT./F61NW. NA74(AR (IB:RI81Y? 10(EBED
L:/&A74R HA/+AB.FXI80YM WA/N.:63SAP.ER-L/O80W WA/Y.IP:T.FR-L/F73NW.
)ET-X:ALOMOT"92Y/NW.)I71Y\$ K.A/X:ALOM/O73W? P.FTF75R00 13 WA/Y:HI91Y
K.A):A\$E71R P.F75STAR-L/F73NW. K."74N HFYF92H)OT/I91Y H"\$I71YB (AL-K.AN./I73Y
W:/)OT/O71W? TFLF75H00 14 WA/Y.IS:LA70X P.AR:(OH03 WA/Y.IQ:RF74))ET-YOWS"80P
WA/Y:RIYCU73/HW. MIN-HA/B.O92WR WA/Y:GAL.AX03? WA/Y:XAL."74P
&IM:LOTF80Y/W WA/Y.FBO73))EL-P.AR:(O75H00 15 WA/Y.O70)MER P.AR:(OH03
)EL-YOWS"80P X:ALO74WM? XFLA80M:T.IY W:/POT"73R)"74YN)OT/O92W
WA):ANI81Y \$FMA70(:T.IY (FLE33Y/KF03 L"/)MO80R T.IS:MA71(X:ALO73WM

LIP:T.O71R?)OT/O75W00 ¹⁶ WA/Y.A63(AN YOWS"94P)ET-P.AR:(O91H L")MO73R
 B.IL:(FD/F92Y)ELOHI85YM YA:(ANE73H)ET-?\$:LO71WM P.AR:(O75H00
¹⁷ WA/Y:DAB."71R P.AR:(O73H)EL-YOWS"92P B.A/X:ALOM/I85Y HIN:/NI71Y (OM"73D
 (AL-?&:PA71T HA/Y:)O75R00 ¹⁸ W:/HIN."74H MIN-HA/Y:)O81R (OLO703 \$E74BA(
 P.FRO80WT B.:RIY)O71WT B.F&F73R WI/YPO74T? T.O92)AR WA/T.IR:(E73YNFH
 B.F)/F75XW.00 ¹⁹ W:/HIN."62H \$E75BA(-P.FRO70WT):AX"ROWT03 (OLO74WT
)AX:AR"Y/HE80N? D.AL.O63WT W:/RF(O71WT T.O91)AR M:)O73D W:/RAQ.O74WT
 B.F&F92R LO75)-RF)I94YTIY KF/H"91N.FH B.:KFL-)E71REC? MIC:RA73YIM
 LF/RO75(A00 ²⁰ WA/T.O)KA33L:NFH03 HA/P.FRO80WT HF/RAQ.O73WT
 W:/HF/RF(O92WT)"74T \$E94BA(? HA/P.FRO91WT HF/RI)\$ONO73WT HA/B.:RIY)O75T00
²¹ WA/T.FBO74)NFH)EL-QIR:B.E81NFH W:/LO70) NOWDA(03 K.IY-?BF74)W.
)EL-QIR:B.E80NFH W./MAR:)"Y/HE74N RA80(K.A/):A\$E73R B.A/T.:XIL.F92H
 WF)/IYQF75C00 ²² WF/)"73RE)? B.A/X:ALOM/I92Y W:/HIN."74H05 \$E74BA(\$IB.:FLI81YM
 (OLO91T B.:/QFNE71H)EXF73D M:L")O71T W:/+OBO75WT00 ²³ W:/HIN."H03? \$E74BA(
 \$IB.:FLI80YM C:NUMO71WT D.AQ.O73WT \$:DUPO74WT QFDI92YM COM:XO73WT
)AX:AR"Y/HE75M00? ²⁴ WA/T.IB:LA33:(NF03 HF/\$IB.:FLI74YM)I HA/D.AQ.O80T)"91T
 \$E71BA(HA75/\$IB.:FLI73YM HA/+OBO92WT WF75)OMAR03
)EL-?HA75/XAR:+UM.I80YM W:/)"71YN MAG.I73YD L/I75Y00 ²⁵ WA/Y.O70)MER
 YOWS"P03)EL-P.AR:(O80H X:ALO71WM P.AR:(O73H?) EXF74D H92W.))"74T):A\$E94R
 HF/):ELOHI91YM (O&E73H HIG.I71YD L:/PAR:(O75H00 ²⁶ \$E94BA(P.FRO74T?
 HA/+OBO81T \$E70BA(\$FNIYM03 H"80N.FH W:/\$E70BA(HA75/\$.IB.:FLIYM03)3
 HA/+OBO80T \$E71BA(\$FNI73YM H"92N.FH X:ALO73WM?) EXF71D H75W.)00
²⁷ W:/\$E74BA(14HA/P.FROWT HF75/RAQ.O63WT W:/HF/RF(O61T HF/(OLO74T
)AX:AR"Y/HE81N \$E70BA(? \$FNIYM03 H"80N.FH W:/\$E70BA(HA75/\$IB.:FLIYM03
 HF/R"QO80WT \$:DUPO73WT HA/Q.FDI92YM YIH:Y85W. \$E73BA(\$:N"71Y? RF(F75B00
²⁸ H74W.) HA/D.FBF80R):A\$E71R D.IB.A73R:T.IY)EL-P.AR:(O92H):A\$E94R
 HF/):ELOHI91YM (O&E73H? HER:)F71H)ET-P.AR:(O75H00 ²⁹ HIN."91H \$E71BA(
 \$FNI73YM B.F)O92WT &FBF71(G.FDO73WL B.:KFL-)E71REC? MIC:RF75YIM00
³⁰ 14W:/QFMW. \$E63BA(\$:N"70Y RF(FB03)AX:AR"Y/HE80N W:/NI\$:K.A71X
 K.FL-HA/&.FBF73(B.:)E74REC? MIC:RF92YIM W:/KIL.F71H HF/RF(F73B
)ET-HF/)F75REC00 ³¹ W:/LO75)-YIW.FDA70(HA/&.FBF(03 B.F)/F80REC MI/P.:N"91Y?
 HF/RF(F71B HA/H73W.))AX:AR"Y-K"92N K.I75Y-KFB"71D H73W.) M:)O75D00
³² W:/A63L HI\$.FNO94WT HA/X:ALO91WM?))EL-P.AR:(O73H P.A:AMF92YIM
 K.I75Y-NFKO70WN HA/D.FBFR03 M"/(I74M HF/):ELOHI80YM W./M:MAH"71R
 HF/):ELOHI73YM? LA/(:A&OT/O75W00 ³³ W:/AT.FH03 Y"RE74) PAR:(O80H)I73Y\$
 NFBO74WN W:/XFKF92M WI/Y\$IYT/"73HW. (AL-)E71REC? MIC:RF75YIM00
³⁴ YA(:A&E74H PAR:(O80H W:/YAP:Q"71D P.:QIDI73YM (AL-HF)/F92REC W:/XIM."\$03
)ET-?)E74REC MIC:RA80YIM B.:/\$E73BA(\$:N"71Y HA/&.FBF75(00 ³⁵ W:/YIQ:B.:C81W.
)ET-K.FL-)O33KEL03 HA/\$.FNI74YM? HA/+OBO80T HA/B.F)O73T HF/)"92L.EH
 W:/YIC:B.:RW.-BF62R T.A94XAT YAD-P.AR:(O91H)O71KEL B.E/(FRI73YM?
³⁶ W:/\$FMF75RW.00 W:/HFYF63H HF/)"O70KEL L:/PIQ.FDOWN03 LF/)"F80REC
 L:/\$E33BA(03 \$:N"74Y HF/RF(F80B):A\$E71R T.IH:YE73YNF? B.:)E74REC MIC:RF92YIM
 W:/LO75)-TIK.FR"71T HF/)"F73REC B.F/RF(F75B00 ³⁷ WA/Y.IY+A71B HA/D.FBF73R?
 B.:("YN"74Y PAR:(O92H W./B:/"YN"73Y K.FL-(ABFDF75Y/W00 ³⁸ WA/Y.O71)MER
 P.AR:(O73H)EL-(ABFDF92Y/W H:A/NIM:CF74)? KF/ZE80H)I85Y\$):A\$E91R R71W.XA
):ELOHI73YM B./O75W00 ³⁹ WA/Y.O70)MER P.AR:(OH03)EL-YOWS"80P)AX:AR"63Y?
 HOWDI94Y(A):ELOHI91YM)OWT:KF73)ET-K.FL-ZO92)T)"YN-NFBO71WN
 W:/XFKF73M K.FMO75W/KF00 ⁴⁰)AT.FH03? T.IH:YE74H (AL-B."YT/I80Y
 W:/AL-P.I73Y/KF YI\$.A74Q K.FL-(AM./I92Y RA71Q HA/K.IS."73))EG:D.A71L
 MI/M./E75K.F00? ⁴¹ WA/Y.O71)MER P.AR:(O73H)EL-YOWS"92P R:)"H03 NFTA74T.IY
)O75T:KF80 (A73L K.FL-)E71REC MIC:RF75YIM00? ⁴² WA/Y.F63SAR P.AR:(O70H
)ET+AB.A(:T./OW03 M"/(A74L YFD/O80W WA/Y.IT."71N)OT/F73H. (AL-YA74D
 YOWS"92P WA/Y.AL:B."70\$?)OT/OW03 B.IG:D"Y-\$"80\$ WA/Y.F91&EM R:BI71D
 HA/Z.FHF73B (AL-CAW.F)R/O75W00 ⁴³ WA/Y.AR:K."74B)OT/O81W? B.:/MIR:K.E70BET
 HA/M.I\$:NEH03):A\$ER-L/O80W WA/Y.IQ:R:)71W. L:/PFNF73Y/W)AB:R"92K:
 W:/NFTO74WN)OT/O80W (A73L K.FL-)E71REC MIC:RF75YIM00 ⁴⁴ WA/Y.O94)MER
 P.AR:(O91H)EL-YOWS"73P):ANI74Y PAR:(O92H W./BIL:(FDE81Y/KF LO75)-?YFRI63YM

I94Y\$)ET-YFD/O91W W:/)ET-RAG:L/O73W B./KFL-)E71REC MIC:RF75YIM00
 45 WA/Y.IQ:RF63) PAR:(O74H? \$"M-YOWS"P02 CF75P:NA74T P.A:(N"XA01
 WA/Y.IT.EN-L/O74W)ET-)F75S:NA81T B.AT-P.O71W+IY PE91RA(K.OH"71N)O73N?
 L:/)I\$.F92H WA/Y."C"71) YOWS"73P (AL-)E71REC MIC:RF75YIM00 46 W:/YOWS"P03
 B.EN-\$LO\$I74YM \$FNF80H? B.:(FM:D/O85W LI/P:N"73Y P.AR:(O74H
 ME75LEK:-MIC:RF92YIM WA/Y."C"70) YOWS"P03 MI/L.I/P:N"74Y PAR:(O80H
 WA75/Y.A:(ABO73R?)2 B.:/KFL-)E71REC MIC:RF75YIM00 47 WA/T.A74(A& HF/)F80REC
 B.:\$E73BA(\$:N"74Y HA/&.FBF92(LI/Q:MFCI75YM00? 48 WA/Y.IQ:B.O62C
)ET-K.FL-)O74KEL05 \$E74BA(\$FNI81YM):A\$E70R HFYW.03 B.:/)E74REC MIC:RA80YIM
 WA/Y.IT.EN-?)O73KEL B.E/(FRI92YM)O94KEL &:D"H-HF/(I91YR):A\$E71R
 S:BIYBOTE73Y/HF NFTA71N B.:/TOWK/F75H.00 49 WA/Y.IC:B.O63R? YOWS"71P B.F91R
 K.:/XO71WL HA/Y.F73M HAR:B."74H M:)O92D (A91D K.IY-XFDA71L LI/S:P.O73R
 K.IY-)71YN MIS:P.F75R00? 50 W./L:/YOWS"70P YUL.AD03 \$:N"74Y BFNI80YM
 B.:/+E71REM T.FBO73W) \$:NA74T HF/RF(F92B):A\$E70R YF75L:DFH-L./OW03?
)F75S:NA80T B.AT-P.O71W+IY PE73RA(K.OH"71N)O75WN00 51 WA/Y.IQ:RF71)
 YOWS"91P)ET-\$"71M HA/B.:K073WR? M:NA\$.E92H K.I75Y-NA\$.A/70NIY):ELOHIYM03
)ET-K.FL-(AMFL/I80Y W:/)73T K.FL-B."71YT)FB/I75Y00 52 W:/)91T? \$"71M
 HA/\$."NI73Y QFRF74))EP:RF92YIM K.I75Y-HIP:R/A71NIY):ELOHI73YM B.:/)E71REC
 (FN:Y/I75Y00 53 WA/T.IK:LE85YNFH? \$E73BA(\$:N"74Y HA/&.FBF92():A\$E71R HFYF73H
 B.:/)E71REC MIC:RF75YIM00 54 WA/T.:XIL.E61YNFH \$E74BA(\$:N"70Y? HF/RF(FB03
 LF/BO80W) K.A/):A\$E73R)FMA74R YOWS"92P WA/Y:HI70Y RF(FB03
 B.:/KFL-HF74/):ARFCO80WT W./B:/KFL-)E71REC? MIC:RA73YIM HF71YFH LF75XEM00
 55 WA/T.IR:(AB03 K.FL-)E74REC MIC:RA80YIM WA/Y.IC:(A71Q HF/(F91M
)EL-?P.AR:(O73H LA/L.F92XEM WA/Y.O63)MER P.AR:(O70H L:/KFL-MIC:RA33YIM03
 L:K74W.)EL-YOWS"80P):A\$ER-YO)MA71R? L/FKE73M T.A:(A&75W.00
 56 W:/HF/RF(F74B HFYF80H (A73L K.FL-P.:N"74Y HF/)F92REC WA/Y.IP:T.A63X
 YOWS"61P)E75T-K.FL-?):A\$E70R B./FHEM03 WA/Y.IS:B.O74R L:/MIC:RA80YIM
 WA/Y.EX:EZA71Q HF75/RF(F73B B.:/)E71REC MIC:RF75YIM00 57 W:/KFL-?HF/)F33REC03
 B.F74)W. MIC:RA80Y:M/FH LI/\$:B.O73R)EL-YOWS"92P K.I75Y-XFZA71Q HF/RF(F73B
 B.:/KFL-HF/)F75REC00? 42 1 WA/Y.A74R:) YA:(AQO80B K.I71Y YE\$-SE73BER
 B.:/MIC:RF92YIM WA/Y.O70)MER YA:(AQOB03 L:/BFNF80Y/W LF73M.FH?
 T.IT:RF)75W.00 2 WA/Y.O85)MER HIN."74H \$FMA80:(T.IY K.I71Y YE\$-SE73BER
 B.:/MIC:RF92YIM R:DW.-\$F33M./FH03? W:/SIB:RW.-L/F74NW. MI/\$.F80M W:/NIX:YE73H
 W:/LO71) NFM75W.T00 3 WA/Y."R:D71W.):AX"75Y-YOWS"73P (:A&FRF92H
 LI/\$:B.O71R? B.F73R MI/M.IC:RF75YIM00 4 W:/)ET-B.IN:YFMIYN03):AXI74Y YOWS"80P
 LO)-\$FLA71X YA:(AQO73B)ET-)EXF92Y/W? K.I74Y)FMA80R P.EN-YIQ:RF/)E73N.W.
)FSO75WN00 5 WA/Y.FBO33)W.03 B.:N"74Y YI&:RF)"80L LI/\$:B.O73R B.:/TO74WK:
 HA/B.F)I92YM? K.I75Y-HFYF71H HF/RF(F73B B.:/)E71REC K.:NF75(AN00 6 W:/YOWS"81P
 10HW.)3 HA/\$.AL.I74Y+ (AL-HF/)F80REC H71W.)? HA/M.A\$:B.I73YR L:/KFL-(A74M
 HF/)F92REC WA/Y.FBO33)W.03):AX"74Y YOWS"80P WA/Y.IS:T.A75X:AWW.-L/O71W
)AP.A73YIM)F75R:C/FH00? 7 WA/Y.A71R:) YOWS"91P)ET-)EXF73Y/W
 WA/Y.AK.IR/"92M WA/Y.IT:NAK."63R):AL/"HE61M WA/Y:DAB."94R)IT./F74M
 QF\$O81WT? WA/Y.O70)MER):AL/"HEM03 M"/)A74YIN B.F)TE80M WA/Y.O74)M:R80W.
 M"/)E71REC K.:NA73(AN LI/\$:B.FR-)O75KEL00 8 WA/Y.AK."71R? YOWS"73P
)ET-)EXF92Y/W W:/H"73M LO71) HIK.IRU75/HW.00 9 WA/Y.IZ:K.O74R YOWS"80P 10)"T
 HA/X:ALOMO80WT):A\$E71R? XFLA73M L/FHE92M WA/Y.O70)MER):AL/"HEM03
 M:RAG.:LI74YM)AT.E80M LI/R:)O91WT)ET-(ER:WA71T HF/)F73REC? B.F)TE75M00
 10 WA/Y.O)M:R71W.)"LF73Y/W LO74)):ADON/I92Y WA/(:ABFDE71Y/KF B.F73)W.
 LI/\$:B.FR-)O75KEL00? 11 K.UL./F85NW. B.:N"71Y)IY\$-)EXF73D NF92X:NW. K."NI74YM
):ANA80X:NW. LO)-HFY71W. (:ABFDE73Y/KF M:RAG.:LI75YM00? 12 WA/Y.O73)MER
):AL/"HE92M LO85) K.I75Y-(ER:WA71T HF/)F73REC B.F)TE71M LI/R:)O75WT00
 13 WA/Y.O)M:R81W.? \$:N"74YM (F&FR04 (:ABFDE63Y/KF)AXI94YM05):ANA91X:NW.
 B.:N"71Y)IY\$-)EXF73D B.:/)E74REC K.:NF92(AN W:/HIN."63H? HA/Q.F+O70N
)ET-)FBI33Y/NW.03 HA/Y.O80WM W:/HF/)EXF73D)"YN/E75N.W.00 14 WA/Y.O71)MER
):AL/"HE73M YOWS"92P H81W.)?):A\$E63R D.IB.A94R:T.IY):AL/"KE91M L"/)MO73R
 M:RAG.:LI71YM)AT.E75M00 15 B.:/ZO73)T T.IB.FX/"92NW. X"70Y PAR:(OH03?
)IM-T."C:)74W. MI/Z.E80H K.I94Y)IM-B.:/BO91W)):AXIY/KE71M HA/Q.F+O73N

H"75N./FH00 ¹⁶ \$IL:X63W. MI/K.E74M)EXFD02? W:/YIQ.A74X)ET-):AXIY/KEM01 W:/)AT.EM03 H")F74S:R80W. W:/YIB.F75X:/ANW.03 D.IB:R"Y/KE80M HA75/):EME73T)IT./:KE92M W:/)IM-?LO85) X"74Y PAR:(O80H K.I71Y M:RAG.:LI73YM)AT.E75M00 ¹⁷ WA/Y.E):ESO71P)OT/F91M)EL-MIS:MF73R \$:LO71\$ET? YFMI75YM00 ¹⁸ WA/Y.O63)MER):AL/"HE70M YOWS"P03 B.A/Y.O74WM HA/\$.:LIY\$180Y ZO71)T (:A&73W. WI75/X:Y92W.)ET-?HF/):ELOHI73YM):ANI71Y YFR"75)00 ¹⁹)IM-K."NI74YM)AT.E80M):AXIY/KE74M)EXF80D Y")FS"73R B.:B"74YT? MIS:MAR/:KE92M W:/)AT.EM03 L:K74W. HFBI80Y)W. \$E73BER RA(:ABO71WN B.FT."Y/KE75M00 ²⁰ W:/)ET-):AXIY/KE70M? HA/Q.F+ON03 T.FBI74Y)W.)"L/A80Y W:/Y")FM:N71W. DIB:R"Y/KE73M W:/LO74) TFM92W.TW. WA/Y.A(:A&W.-K"75N00 ²¹ WA/Y.O)M:R62W.?)I74Y\$)EL-)FXI81Y/W):ABFL02):A\$"MI74YM05):ANAX:NW.02 (AL-)FXIY/NW.01):A\$E63R RF)I61YNW. CFRA71T NAP:\$/O91W? B.:/HIT:XA75N:N/O71W)"L"73Y/NW. W:/LO74) \$FMF92(:NW. (AL-K."N03 B.F74)FH)"L"80Y/NW. HA/C.FRF73H HA/Z.O75)T00 ²² WA/Y.A(AN04? R:)W.B"63N)OT/F61M L"/)MO81R H:A/LOW)04)FMA63R:T.IY):AL"Y/KE94M05 L"/)MO91R)AL-T.EXE+:)71W. BA/Y.E73LED? W:/LO74) \$:MA(:T.E92M W:/GAM-D.FM/O73W HIN."71H NID:RF75\$00 ²³ W:/H"MO3 LO74) YF95D:(80W. K.I71Y SOM"73(A YOWS"92P K.I71Y? HA/M."LI73YC B."YNOT/F75M00 ²⁴ WA/Y.IS.O71B M"75/(:AL"Y/HE73M WA/Y."92B:K.: WA/Y.F70\$FB):AL/"HEM03 WA/Y:DAB."74R):AL/"HE80M? WA/Y.IQ.A70X M"75/IT./FM03)ET-\$IM:(O80WN WA/Y.E):ESO71R)OT/O73W L/("YN"Y/HE75M00 ²⁵ WA/Y:CA74W YOWS"81P WA/Y:MAL:)74W.?))ET-K.:L"Y/HEM02 B.FR01 W:L:/HF\$170YB K.AS:P."Y/HEM03)I74Y\$)EL-&AQ./O80W W:/LF/T"71T L/FHE91M C"DF73H? LA/D.F92REK: WA/Y.A71(A& L/FHE73M K."75N00 ²⁶ WA/Y.I&:)71W.)ET-\$IB:R/F73M (AL-X:AMOR"Y/HE92M WA/Y."L:K73W.? MI/\$.F75M00 ²⁷ WA/Y.IP:T.A63X HF/)EXF61D)ET-&AQ./O81W LF/T"71T MIS:P.O91W) LA/X:AMOR/O73W B.A/M.FLO92WN WA/Y.AR:)03?)ET-K.AS:P./O80W W:/HIN."H-H73W.) B.:/PI71Y)AM:T.AX:T./O75W00 ²⁸ WA/Y.O70)MER)EL-)EXFY/W03 HW.\$A74B? K.AS:P./I80Y W:/GA73M HIN."74H B:/)AM:T.AX:T./I92Y WA/Y."C"74) LIB./F81M WA/Y.E75XER:D62W.)I70Y\$)EL-)FXIY/W03 L"/)MO80R? MAH-Z.O91)T (F&F71H):ELOHI73YM L/F75NW.00 ²⁹ WA/Y.FBO91)W.)EL-YA(:AQO71B):ABIY/HE73M)A74R:C/FH? K.:NF92(AN WA/Y.AG.I74YDW. L/O80W)"91T K.FL-HA/Q.ORO71T)OT/F73M L"/)MO75R00 ³⁰ 14D.IB.ER HF/)I63Y\$):ADON"71Y? HF/)F91REC)IT./F73NW. QF\$O92WT WA/Y.IT."74N)OT/F80NW. K.I75/M:RAG.:LI73YM)ET-HF/)F75REC00 ³¹ WA/N.O71)MER)"LF73Y/W? K."NI74YM):ANF92X:NW. LO71) HFYI73YNW. M:RAG.:LI75YM00 ³² \$:N"YM-(F&F71R):ANA91X:NW.)AXI73YM B.:N"74Y)FBI92Y/NW.? HF/)EXF74D)"YN/E80N.W. W:/HA/Q.F+O71N HA/Y.O91WM)ET-)FBI73Y/NW. B.:/E71REC K.:NF75(AN00 ³³ WA/Y.O74)MER)"L"81Y/NW.? HF/)IY\$03):ADON"74Y HF/)F80REC B.:/ZO74)T)"DA80(K.I71Y K"NI73YM)AT.E92M):AXIY/KE70M HF75/)EXFD03 HAN.I74YXW.?)IT./I80Y W:/)ET-RA(:ABO71WN B.FT."Y/KE73M Q:X71W. WF/L"75KW.00 ³⁴ 14W:/HFBY)W.)ET-):AXIY/KE74M HA/Q.F+ON02?)"L/AY01 W:/)"75D:(F81H K.I74Y LO70) M:RAG.:LIYM03)AT.E80M K.I71Y K"NI73YM)AT.E92M)ET-):AXIY/KEM03)ET."74N? L/FKE80M W:/)ET-HF/)F73REC T.IS:XF75RW.00 ³⁵ WA/Y:HI81Y 10H"M M:RIYQI74YM &AQ."Y/HE80M W:/HIN."H-)I71Y\$? C:ROWR-K.AS:P./O73W B.:/&AQ./O92W WA/Y.IR:)62W.)ET-C:RORO94WT K.AS:P."Y/HE91M H"71M.FH WA/):ABIY/HE73M WA/Y.IYRF75)W.00? ³⁶ WA/Y.O70)MER):AL/"HEM03 YA(:AQO74B):ABIY/HE80M)OT/I73Y \$IK.AL:T.E92M YOWS"70P)"YN/E33N.W.03 W:/SIM:(O74WN)"YN/E80N.W.? W:/)ET-B.IN:YFMI74N T.IQ.F80XW. (FL/A73Y HFY71W. KUL.F75NFH00 ³⁷ WA/Y.O70)MER R:/W.B"N03)EL-)FBI74Y/W L"/)MO80R?)ET-\$:N"70Y BFN/AY03 T.FMI80YT)IM-LO71)):ABIY/E73N.W.)"LE92Y/KF T.:NF70H)OT/OW03 (AL-YFD/I80Y WA/):ANI73Y?):A\$IYB/E71N.W.)"LE75Y/KF00 ³⁸ WA/Y.O85)MER LO75)-Y"R"71D B.:N/I73Y (IM./FKE92M K.I75Y-)FXI63Y/W M"61T W:/H94W.?) L:/BAD./O74W NIS:)F81R W./Q:RF/F70HW.)FSOWN03 B.A/D.E33REK:03):A\$E74R T."75L:KW.-B/F80H. W:/HOWRAD:T.E94M)ET-?&"YBFT/I91Y B.:/YFGO73WN \$:)O75WL/FH00 **43** ¹ W:/HF/RF(F73B K.FB"71D B.F/)F75REC00 ² WA/Y:HI81Y? K.A/):A\$E70R K.IL.W.03 LE/):EKO74L)ET-HA/\$.E80BER):A\$E71R H"BI73Y)W. MI/M.IC:RF92YIM WA/Y.O70)MER):AL"Y/HEM03?):ABIY/HE80M \$U73BW. \$IB:RW.-L/F71NW. M:(A+)-O75KEL00 ³ WA/Y.O94)MER)"LF91Y/W Y:HW.DF73H L"/)MO92R? HF/("74D H"(ID04 B./F63NW.

HF/I70Y\$ L"/MOR03 LO75)-TIR:)74W. PFNA80Y B.IL:T.I73Y):AXIY/KE71M
)IT./:KE75M00? 4)IM-YE\$/:KF91 M:\$AL."71XA)ET-)FXI73Y/NW.)IT./F92NW. N"R:DF85H
 W:/NI\$B.:RF71H L/:KF73)O75KEL00 5 W:/)IM-?)YN/:KF71 M:\$AL."73XA LO74) N"R"92D
 K.I75Y-HF/)I62Y\$)FMA70R)"L"33Y/NW.03 LO75)-TIR:)74W. PFNA80Y B.IL:T.I73Y?
):AXIY/KE71M)IT./:KE75M00 6 WA/Y.O33)MER03 YI&:RF)"80L LFMF71H
 H:AR"(OTE73M L/I92Y L:/HAG.I74YD LF/)I80Y\$? HA/(O71WD L/FKE73M)F75X00
 7 WA/Y.O)M:R83W. \$F)O74WL \$F75)AL-14HF/)IY\$ L/F74NW.
 W./L:/MO75WLAD:T./"61NW. L"/)MO81R? HA/(O63WD):ABIY/KE71M XAY03 H:A/Y"74\$
 L/FKE74M)F80X WA/NA63G.ED-L/O80W)1 (AL-P.I73Y HA/D.:BFRI74YM HF/)"92L.EH?
 H:A/YFDO74W(A N"DA80(K.I74Y YO)MA80R HOWRI73YDW.)ET-):AXIY/KE75M00
 8 WA/Y.O63)MER Y:HW.DF61H)EL-?YI&:RF)"74L)FBI81Y/W \$IL:XF71H HA/N.A91(AR
)IT./I73Y W:/NFQ74W.MFH W:/N"L"92KFH W:/NI75X:YEH03 W:/LO74) NFM80W.T
 G.AM-?):ANA71X:NW. GAM-)AT.F73H G.AM-+AP./"75NW.00 9)F75NOKIY03
)E95(ER:B/E80N.W. MI/Y.FD/I73Y T.:BAQ:\$/E92N.W.)IM-LO63)? H:ABIY)OTI70Y/W
)"LE33Y/KF03 W:/HIC.AG:T.I74Y/W L:/PFNE80Y/KF W:/XF+F71)TI75Y L/:KF73
 K.FL-HA/Y.FMI75YM00 10 K.I73Y? LW.L"74) HIT:MAH:MF92H:NW. K.I75Y-(AT.F71H
 \$A73B:NW. ZE71H PA:(AMF75YIM00 11 WA/Y.O63)MER):AL/"HE61M? YI&:RF)"74L
):ABIY/HE81M)IM-K."74N05)"POW)02 ZO74)T (:A&W.01 Q:X62W. MI/Z.IM:RA70T
 HF/)F33REC03 B.I/K:L"Y/KE80M? W:/HOWRI71YDW. LF/)I73Y\$ MIN:XF92H M:(A70+
 C:FRIY03 W./M:(A74+ D.:BA80\$ N:KO74)T WF/LO80+ B.F+:NI73YM W./\$:Q"DI75YM00?
 12 W:/KE71SEP MI\$:NE73H Q:X74W. B:/YED/:KE92M W:/)ET-HA/K.E61SEP
 HA/M.W.\$F63B B.:PI70Y)AM:T.:XO75T"Y/KEM03? T.F\$I74YBW. B:/YED/:KE80M
)W.LA71Y MI\$:G.E73H H75W.)00 13 W:/)ET-):AXIY/KE73M QF92XW. W:/Q73W.MW.
 \$71W.BW.?)EL-HF/)I75Y\$00 14 W:/)"74L \$AD.A81Y YIT."63N L/FKE70M RAX:AMIYM03
 LI/P:N"74Y HF/)I80Y\$ W:/\$IL.A71X L/FKE91M?)ET-):AXIY/KE71M)AX"73R
 W:/)ET-B.IN:YFMI92YN WA/):ANI85Y K.A/):A\$E71R \$FKO73L:T.IY \$FKF75L:T.IY00?
 15 WA/Y.IQ:X70W. HF75/):ANF\$YIM03)ET-HA/M.IN:XF74H HA/Z.O80)T
 W./MI\$:NEH-K.E91SEP LFQ:X71W. B:/YFD/F73M W:/)ET-?B.IN:YFM92N
 WA/Y.FQU33MW.03 WA/Y."R:D74W. MIC:RA80YIM WA/Y.A75(AM:D73W. LI/P:N"71Y
 YOWS"75P00 16 WA/Y.A63R:) YOWS"74P)IT./FM02?)ET-B.IN:YFMIYN01
 WA/Y.O33)MER03 LA75/):A\$E74R (AL-B."YT/O80W HFB"71))ET-HF/):ANF\$I73YM
 HA/B.F92Y:T/FH W./+:BO70XA? +E33BAX03 W:/HFK"80N K.I71Y)IT./I91Y YO)K:L71W.
 HF/):ANF\$I73YM B.A75/C.FH:FRF75YIM00 17 WA/Y.A74(A& HF/)I80Y\$ K.A75/):A\$E73R?
)FMA74R YOWS"92P WA/Y.FB"71) HF/)I91Y\$)ET-HF/):ANF\$I73YM B."71YT/FH
 YOWS"75P00 18 WA/Y.I75YR:)74W. HF75/):ANF\$I81YM? K.I74Y H75W.B:)W.02 B."74YT
 YOWS"PO1 WA/Y.O)M:R81W. (AL-D.:BA70R HA/K.E33SEP03 HA/\$.F70B
 B.:)AM:T.:XOT"33Y/NW.03? B.A/T.:XIL.F80H):ANA73X:NW. M75W.BF)I92YM
 L:/HIT:G.OL"70L (FL"33Y/NW.03 W./L:/HIT:NAP."74L (FL"80Y/NW. W:/LF/QA94XAT?
)OT/F91NW. LA/(:ABFDI73YM W:/)ET-X:AMOR"75Y/NW.00 19 WA75/Y.IG.:\$W.03
)EL-HF/)I80Y\$):A\$E73R (AL-B."74YT YOWS"92P? WA/Y:DAB.:R71W.)"LF73Y/W
 P.E71TAX HA/B.F75YIT00 20 WA/Y.O)M:R73W. B./I74Y):ADON/I92Y YFRO71D
 YFRA91D:NW. B.A/T.:XIL.F73H? LI/\$.B.FR-)O75KEL00 21 WA75/Y:HI62Y K.IY-BF74)NW.
)EL-HA/M.FLO81WN WA75/N.IP:T.:XFH03)ET-)AM:T.:XOT"80Y/NW.? W:/HIN."70H
 KE75SEP-)IY\$03 B.:PI74Y)AM:T.AX:T./O80W K.AS:P./"73NW. B.:MI\$:QFL/O92W
 WA/N.F71\$EB)OT/O73W B.:YFD/"75NW.00? 22 W:/KE94SEP)AX"91R HOWRA71D:NW.
 B:/YFD/"73NW. LI/\$.B.FR-)O92KEL LO74) YFDA80(:NW. MIY-&F71M K.AS:P./"73NW.?
 B.:)AM:T.:XOT"75Y/NW.00 23 WA/Y.O)MER04 \$FLO63WM L/FKE61M)AL-T.IYRF81)W.
):ELO63H"Y/KE61M W"95/)LOH"70Y?):ABIY/KEM03 NFTA63N L/FKE70M
 MA+:MOWN03 B.:)AM:T.:XO74T"Y/KE80M K.AS:P./:KE73M B.F74))"L/F92Y
 WA/Y.OWC"71)?):AL/"HE73M)ET-\$IM:(O75WN00 24 WA/Y.FB"71) HF/)I91Y\$
)ET-HF/):ANF\$I73YM B."74YT/FH YOWS"92P WA/Y.IT.EN-?MA33YIM03
 WA/Y.IR:X.AC74W. RAG:L"Y/HE80M WA/Y.IT."71N MIS:P.O73W)
 LA/X:AMO75R"Y/HE75M00 25 WA/Y.FKI33YNW.03)ET-HA/M.IN:XF80H? (AD-B.O71W)
 YOWS"73P B.A75/C.FH:FRF92YIM K.I74Y \$F75M:(80W. K.IY-\$F73M YO71)K:LW.
 LF75XEM00 26 WA/Y.FBO70)? YOWS"PO3 HA/B.A80Y:T/FH WA/Y.FBI71Y).W. L/O91W
)ET-HA/M.IN:XF71H):A\$ER-B.:YFD/F73M HA/B.F92Y:T/FH
 WA/Y.I\$T.AX:AWW.-?L/O73W)F75R:C/FH00 27 WA/Y.I\$:)A70L L/FHEM03 L:/FLO80WM

WA/Y.O81)MER H:A/\$FLO91WM):ABIY/KE71M HA/Z.FQ"73N):A\$E74R?
):AMAR:T.E92M HA/(OWD/E73N.W. XF75Y00 ²⁸ WA/Y.O)M:R81W. \$FLO91WM
 L:/(AB:D./:KF71 L:/)FBI73Y/NW. (OWD/E74N.W. XF92Y? WA75/Y.IQ.:D73W.
 **WA/Y.I75\$:T.AX:AW.75W.00]1 ²⁹ WA/Y.I&.F74) ("YNF81Y/W WA/Y.A62R:)
)ET-B.IN:YFMI74YN)FXIY/W02 B.EN-)IM./OW01 WA/Y.O81)MER? H:A/ZEH03
):AXIY/KE74M HA/Q.F+O80N):A\$E71R):AMAR:T.E73M)"L/F92Y WA/Y.O)MA85R
):ELOHI71YM YFX:N:/KF73 B.:N/I75Y00? ³⁰ WA/Y:MAH"74R YOWS"81P
 K.I75Y-NIK:M:R70W. RAX:AMFY/W03)EL-)FXI80Y/W WA/Y:BAQ."73\$ LI/B:K.O92WT
 WA/Y.FBO71)? HA/XA73D:R/FH WA/Y."71B:K.: \$F75M./FH00 ³¹ WA/Y.IR:XA71C
 P.FNF73Y/W WA/Y."C"92) WA/Y.I63T:)AP.A80Q WA/Y.O73)MER &I71YMW.
 LF75XEM00? ³² WA/Y.F&I71YMW. L/O91W L:/BAD./O73W W:/L/FHE74M L:/BAD./F92M
 W:/LA/M.IC:RI62YM HF/)OK:LI70YM)IT./OW03 L:/BAD./F80M K.IY04? LO63)
 YW.K:L61W.N HA/M.IC:RI81YM LE):EKO70L)ET-HF75/(IB:RIYM03 LE80XEM
 K.IY-TOW("BF71H HI73W)? L:/MIC:RF75YIM00 ³³ WA/Y."\$:B74W. L:/PFNF80Y/W
 HA/B.:KOR03 K.I/B:KO74RFT/O80W W:/HA/C.F(I73YR K.I/C:(IRFT/O92W
 WA/Y.IT:M:H71W.? HF):ANF\$I73YM)I71Y\$)EL-R"/("75HW.00 ³⁴ WA/Y.I&.F63)
 MA&:)O61T M"/)"74T P.FNFY/W02):AL/"HEM01 WA/T."61REB? MA&:)A94T
 B.IN:YFMI91N MI/M.A&:)O71T K.UL./F73M XFM"74\$ YFDO92WT WA/Y.I\$:T.71W.
 WA75/Y.I\$:K.:R73W. (IM./O75W00?

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