

The TanakhML Project

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Biblia Hebraica Stuttgartensia
Leviticus

1 ¹ WA/Y.IQ:RF73))EL-MO\$E92H WA/Y:DAB."70R Y:HWFH03)"LF80Y/W M")O71HEL
 MOW("73D L")/MO75R00? ² D.AB."62R)EL-B.:N"70Y YI&:RF)"L03 W:/)FMAR:T.F74
):AL/"HE80M)FDF81M K.I75Y-YAQ:RI71YB MI/K.E91M QFR:B.F73N? LA75/YHWF92H
 MIN-HA/B.:H"MF81H MIN-HA/B.FQFR03 W./MIN-HA/C.O80)N T.AQ:RI73YBW.
)ET-QFR:B.AN/:KE75M00? ³)IM-(OLF70H QFR:B.FN/OW03 MIN-HA/B.FQF80R ZFKF71R
 T.FMI73YM YAQ:RIYB/E92N.W.)EL-P.E61TAXJ2)O70HEL? MOW("D03 YAQ:RI74YB
)OT/O80W LI/R:CON/O73W LI/P:N"71Y Y:HWF75H00 ⁴ W:/SFMA74K: YFD/O80W (A73L
 RO74)\$ HF/(OLF92H? W:/NIR:CF71H L/O73W L:/KAP."71R (FLF75Y/W00 ⁵ W:/\$FXA91+
)ET-B.E71N HA/B.FQF73R LI/P:N"74Y Y:HWF92H 14W:/HIQ:RIYBW.? B.:N"63Y
)AH:ARO70N HA95/K.O75H:ANIYM03)ET-HA/D.F80M W:/ZFR:Q63W.)ET-HA/D.F70M
 (AL-HA/M.IZ:B."33XA03 SFB180YB?):\$ER-P.E73TAX)O71HEL MOW("75D00
⁶ W:/HIP:\$I73Y+)ET-HF/(OLF92H W:/NIT.A71X)OT/F73H. LI/N:TFXE75Y/HF00?
⁷ 14W:/NFT:NW. B.:N"63Y)AH:ARO94N HA/K.OH"91N)"73\$ (AL-HA/M.IZ:B."92XA
 W:/)FR:K71W. ("CI73YM (AL-HF/)75\$00? ⁸ W:/)FR:K81W. B.:N"70Y)AH:ARON03
 HA/K.O74H:ANI80YM 10)"T HA/N.:TFXI80YM)ET-HF/RO73)\$ W:/)ET-HA/P.F92DER?
 (AL-HF/("CIYM03):\$E74R (AL-HF/)"80\$):\$E73R (AL-HA/M.IZ:B."75XA00
⁹ W:/QIR:B./O71W W:/K:RF(F73YW? YIR:XA74C B.A/M.F92YIM W:/HIQ:+I63YR
 HA/K.OH"70N)ET-HA/K.OL03 HA/M.IZ:B."80XFH (OLF91H)I\$."71H
 R"75YXA-?NIYXO73WXA LA75/YHWF75H00 ¹⁰ W:/)IM-MIN-HA/C.O63)N
 QFR:B.FN/O94W MIN-HA/K.:&FBI91YM)O71W? MIN-HF/(IZ.I73YM L:/)OLF92H
 ZFKF71R T.FMI73YM YAQ:RIYB/E75N.W.00 ¹¹ W:/\$FXA63+)OT/O61W (A74L YE94REK:?
 HA/M.IZ:B."91XA CFPO73N/FH LI/P:N"74Y Y:HWF92H W:/ZFR:Q83W. B.:N"Y04
)AH:ARO63N HA/K.OH:ANI94YM)ET-D.FM/O91W (AL-?HA/M.IZ:B."73XA SFB175YB00
¹² W:/NIT.A70X)OT/OW03 LI/N:TFXF80Y/W W:/)ET-RO)\$O73W W:/)ET-P.ID:R/O92W
 W:/)FRA70K: HA/K.OH"N03)OT/F80M (AL-HF75/("CIYM03):\$E74R (AL-HF/)"80\$
):\$E73R (AL-HA/M.IZ:B."75XA00 ¹³ W:/HA/Q.E71REB? W:/HA/K.:RF(A73YIM
 YIR:XA74C B.A/M.F92YIM W:/HIQ:RI63YB HA/K.OH"70N)ET-HA/K.OL03
 W:/HIQ:+I74YR HA/M.IZ:B."80X/FH? (OLF74H H81W.))I\$."91H R"71YXA NIYXO73XA
 LA/YHWF75H00 ¹⁴ W:/)I94M MIN-HF/(O91WP (OLF71H? QFR:B.FN/O73W
 LA75/YHWF92H W:/HIQ:RI74YB MIN-HA/T.ORI81YM)O91W MIN-B.:N"71Y
 HA/Y.OWNF73H)ET-QFR:B.FN/O75W00? ¹⁵ W:/HIQ:RIYB/O70W HA/K.OH"N03
)EL-HA/M.IZ:B."80XA W:/MFLAQ03)ET-RO)\$O80W W:/HIQ:+I73YR
 HA/M.IZ:B."92X/FH? W:/NIM:CF74H DFM/O80W (A73L QI71YR HA/M.IZ:B."75XA00
¹⁶ W:/H"SI71YR)ET-MUR:)FT/O73W B.:NOCFT/F92H.? W:/HI\$:LI63YK:)OT/F61H.
)"70CEL HA/M.IZ:B."33XA03 Q"80D:M/FH)EL-M:QO73WM HA/D.F75\$EN00
¹⁷ W:/)SIS.A63(?))OT/O74W BI/K:NFPFY/W02 LO74) YAB:D.IYL01 W:/HIQ:+I63YR
)OT/O70W HA/K.OH"N03 HA/M.IZ:B."80X/FH (AL-HF/("CI73YM?):\$E74R (AL-HF/)"92\$
 (OLF74H H81W.))I\$."91H R"71YXA NIYXO73XA LA/YHWF75H00 **2** ¹ W:/NE81PE\$
 K.I75Y-TAQ:RI62YB QFR:B.A70N MIN:XFH03 LA75/YHWF80H SO73LET YIH:YE74H
 QFR:B.FN/O92W W:/YFCA70Q? (FLE33Y/HF03 \$E80MEN W:/NFTA71N (FLE73Y/HF
 L:BONF75H00 ² WE95/H:EBIY)/F81H.)EL-B.:N"74Y)AH:ARON02 HA/K.OH:ANIYM01?
 W:/QFMA63C MI/\$.F61M M:LO74) QUM:C/O81W MI/S.FL:T./FH.03 W:/MI\$.AM:N/F80H.
 (A73L K.FL-L:BONFT/F92H. W:/HIQ:+I63YR? HA/K.OH"61N)ET-AZ:K.FRFT/FH.03
 HA/M.IZ:B."80X/FH)I\$."91H R"71YXA NIYXO73XA LA/YHWF75H00
³ W:/HA/N.OWTE33RET03? MIN-HA/M.IN:XF80H L:/)AH:ARO73N W./L:/BFNF92Y/W
 QO71DE\$ QF75DF\$I73YM M")I\$."71Y Y:HWF75H00 ⁴ W:/KI71Y? TAQ:RI91B B.FN:F71N
 MIN:XF73H MA):AP"74H TAN.92W.R SO74LET XAL.O70WT MAC.OT03 B.:LW.LO74T
 B.A/\$.E80MEN? W:/R:QIYQ"71Y MAC.O73WT M:\$UXI71YM B.A/\$.F75MEN00
⁵ W:/)IM-MIN:XF71H (AL-HA75/M.AX:ABA73T? QFR:B.FN/E92KF SO91LET B.:LW.LF71H
 BA/\$.E73MEN MAC.F71H TIH:YE75H00 ⁶ P.FTO70WT)OT/FH.03 P.IT.I80YM
 W:/YFCAQ:T.F71? (FLE73Y/HF \$F92MEN MIN:XF73H HI75W)00 ⁷ W:/)IM-MIN:XA71T
 MAR:XE73\$ET QFR:B.FN/E92KF SO71LET? B.A/\$.E73MEN T.("F&E75H00 ⁸ W:/H"B")TF74
)ET-HA/M.IN:XF81H):\$E94R Y("F&E91H M")73L.EH LA/YHWF92H?
 W:/HIQ:RIYB/FH.03)EL-HA/K.OH"80N W:/HIG.IY\$/F73H.)EL-HA/M.IZ:B."75XA00
⁹ W:/H"RI63YM HA/K.OH"70N MIN-?HA/M.IN:XFH03)ET-)AZ:K.F74RFT/F80H.
 W:/HIQ:+I73YR HA/M.IZ:B."92X/FH)I\$."91H R"71YXA NIYXO73XA LA/YHWF75H00?
¹⁰ W:/HA/N.OWTE33RET03 MIN-HA/M.IN:XF80H L:/)AH:ARO73N W./L:/BFNF92Y/W

QO71DE\$ QF95DF\$I73YM M"/)I\$. "71Y Y:HWF75H00? ¹¹ K.FL-HA/M.IN:XF81H):A\$E70R
 T.AQ:RI33YBW.03 LA/YHWF80H LO71) T"(F&E73H XFM"92C K.I70Y KFL-&:)OR03?
 W:/KFL-D.:BA80\$ LO75)-TAQ:+I94YRW. MI/M./E91N.W.)I\$.E73H LA75/YHWF75H00
¹² QFR:B.A71N R")\$I91YT? T.AQ:RI71YBW.)OT/F73M LA/YHWF92H
 W:/)EL-HA/M.IZ:B."71XA LO)-YA(:AL73W. L:/R"71YXA NIYXO75XA00
¹³ W:/KFL-?QFR:B.A74N MIN:XFT/KF02 B.A/M.E74LAX T.IM:LFX01 W:/LO74)
 TA\$:B.I81YT 10MELAX B.:RI74YT):ELOHE80Y/KF? M"/(A73L MIN:XFT/E92KF (A71L
 K.FL-QFR:B.FN:/KF73 T.AQ:RI71YB ME75LAX00 ¹⁴ W:/)IM-?T.AQ:RI91YB MIN:XA71T
 B.IK.W.RI73YM LA/YHWF92H)FBI62YB QFL70W.Y B.F/)"\$03 G.E74RE& K.AR:ME80L
 T.AQ:RI85YB?)"73T MIN:XA71T B.IK.W.RE75Y/KF00 ¹⁵ W:/NFTAT.F70 (FLE33Y/HF03
 \$E80MEN W:/&AM:T.F71 (FLE73Y/HF L:BONF92H MIN:XF73H? HI75W)00
¹⁶ W:/HIQ:+I63YR HA/K.OH"61N)ET-)AZ:K.FRFT/F81H. MI/G.IR:&FH.03
 W./MI/\$.AM:N/F80H. (A73L K.FL-?L:BONFT/F92H.)I\$.E73H LA/YHWF75H00
3 ¹ W:/)IM-ZE71BAX \$:LFMI73YM QFR:B.FN/O92W)I70M MIN-HA/B.FQFR03 H74W.)
 MAQ:RI80YB)IM-?ZFKFR03)IM-N:Q"BF80H T.FMI71YM YAQ:RIYB/E73N.W.
 LI/P:N"71Y Y:HWF75H00 ² W:/SFMA70K: YFD/OW03 (AL-RO74)\$? QFR:B.FN/O80W
 W./\$:XF+/O85W P.E73TAX)O74HEL MOW("92D W:/ZFR:Q83W. B.:N"Y04)AH:ARO63N
 HA/K.OH:ANI94YM)ET-HA/D.F91M? (AL-HA/M.IZ:B."73XA SFB175YB00
³ W:/HIQ:RIYB03 MI/Z.E74BAX HA/\$:LFMI80YM)I\$.E73H LA/YHWF92H
)ET-?HA/X"33LEB03 HA75/M:KAS.E74H)ET-HA/Q.E80REB W:/)"T03 K.FL-HA/X"80LEB
):A\$E73R (AL-HA/Q.E75REB00 ⁴ W:/)"T03? \$:T."74Y HA/K.:LFYO80T
 W:/)ET-HA/X"33LEB03):A\$E74R (:AL/"HE80N):A\$E73R (AL-HA/K.:SFLI92YM
 W:/)ET-?HA/Y.OTE33RET03 (AL-HA/K.FB"80D (AL-HA/K.:LFYO73WT
 Y:SIYR/E75N.FH00 ⁵ W:/HIQ:+I63YRW.)OT/O70W B:N"75Y-?)AH:ARON03
 HA/M.IZ:B."80X/FH (AL-HF74/(OLF80H):A\$E71R (AL-HF/("CI73YM):A\$E74R
 (AL-HF/)"92\$)I\$. "91H? R"71YXA NIYXO73XA LA75/YHWF75H00
⁶ W:/)IM-MIN-HA/C.O94)N QFR:B.FN/O91W L:/ZE71BAX \$:LFMI73YM? LA/YHWF92H
 ZFKFR03)O74W N:Q"BF80H T.FMI73YM YAQ:RIYB/E75N.W.00 ⁷)IM-K.E71&EB
 H75W.)-MAQ:RI73YB?)ET-QFR:B.FN/O92W W:/HIQ:RI71YB)OT/O73W LI/P:N"71Y
 Y:HWF75H00 ⁸ W:/SFMA70K:)ET-YFD/OW03 (AL-RO74)\$? QFR:B.FN/O80W W:/SFXA74+
)OT/O80W LI/P:N"73Y)O74HEL MOW("92D 14W:/ZFR:QW. B.:N"63Y)AH:ARO94N
)ET-D.FM/O91W (AL-?HA/M.IZ:B."73XA SFB175YB00 ⁹ W:/HIQ:RI63YB MI/Z.E74BAX
 HA/\$:LFMIYM02)I\$.E74H LA/YHWFH01 XEL:B./OW03? HF/)AL:YF74H T:MIYMF80H
 L:/(UMA71T HE/(FCE73H Y:SIYR/E92N.FH W:/)ET-HA/X"33LEB03 HA75/M:KAS.E74H
)ET-?HA/Q.E80REB W:/)"T03 K.FL-HA/X"80LEB):A\$E73R (AL-HA/Q.E75REB00
¹⁰ W:/)"T03 \$:T."74Y HA/K.:LFYO80T W:/)ET-?HA/X"33LEB03):A\$E74R (:AL/"HE80N
):A\$E73R (AL-HA/K.:SFLI92YM W:/)ET-HA/Y.OTE33RET03 (AL-HA/K.FB"80D
 (AL-?HA/K.:LFYO73T Y:SIYR/E75N.FH00 ¹¹ W:/HIQ:+IYR/O71W HA/K.OH"73N
 HA/M.IZ:B."92X/FH LE71XEM)I\$.E73H LA/YHWF75H00 ¹² W:/)I71M]3 ("73Z
 QFR:B.FN/O92W W:/HIQ:RIYB/O73W LI/P:N"71Y Y:HWF75H00 ¹³ W:/SFMA70K:
)ET-YFD/OW03 (AL-RO)\$O80W? W:/SFXA74+)OT/O80W LI/P:N"73Y)O74HEL
 MOW("92D 14W:/ZFR:QW. B.:N"63Y)AH:ARO94N)ET-D.FM/O91W
 (AL-HA/M.IZ:B."73XA? SFB175YB00 ¹⁴ W:/HIQ:RI70YB MI/M./E33N.W.03 QFR:B.FN/O80W
)I\$.E73H LA75/YHWF92H)ET-HA/X"33LEB03 HA75/M:KAS.E74H?)ET-HA/Q.E80REB
 W:/)"T03 K.FL-HA/X"80LEB):A\$E73R (AL-HA/Q.E75REB00 ¹⁵ W:/)"T03 \$:T."74Y
 HA/K.:LFYO80T? W:/)ET-HA/X"33LEB03):A\$E74R (:AL/"HE80N):A\$E73R
 (AL-HA/K.:SFLI92YM W:/)ET-HA/Y.OTE33RET03 (AL-HA/K.FB"80D?
 (AL-HA/K.:LFYO73T Y:SIYR/E75N.FH00 ¹⁶ W:/HIQ:+IYR/F71M HA/K.OH"73N
 HA/M.IZ:B."92X/FH LE70XEM)I\$.EH03 L:/R"74YXA? NIYXO80XA K.FL-X"73LEB
 LA/YHWF75H00 ¹⁷ XUQ.A70T (OWLFM03 L:/DORO74T"Y/KE80M B.:/KO73L
 MO75W\$S:BOT"Y/KE92M? K.FL-X"71LEB W:/KFL-D.F73M LO71) TO)K"75LW.00
4 ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00 ² D.AB."62R)EL-B:N"74Y
 YI&:RF)"L02?j2 L"/)MOR01 NE81PE\$ K.I75Y-TEX:E+F70) BI/\$:GFGFH03 MI/K.OL03
 MIC:WO74T Y:HWF80H):A\$E73R LO74) T"(F&E92YNFH? W:/(F&F85H M"/)AXA73T
 M"/H"75N.FH00 ³)I74M HA/K.OH"94N HA/M.F\$I91YXA YEX:E+F73) L:/)A\$S:MA74T
 HF/(F92M? W:/HIQ:RI83YB (A74L XA+.F)T/OW04):A\$E63R XF+F61) P.A74R
 B.EN-B.FQF71R T.FMI91YM LA/YHWF73H L:/XA+.F75)T00? ⁴ W:/H"BI74Y)

HA/P.F81R)EL-P.E91TAX)O71HEL MOW("73D LI/P:N"74Y Y:HWF92H W:/SFMA70K:
)ET-YFD/OW03? (AL-RO74)\$ HA/P.F80R W:/\$FXA71+)ET-HA/P.F73R LI/P:N"71Y
 Y:HWF75H00 ⁵ W:/LFQA91X HA/K.OH"71N HA/M.F\$173YXA? MI/D.A74M HA/P.F92R
 W:/H"BI71Y))OT/O73W)EL-)O71HEL MOW("75D00 ⁶ W:/+FBA94L HA/K.OH"91N
)ET-)EC:B.F(/O73W? B.A/D.F92M W:/HIZ.F63H MIN-HA/D.F61M \$E70BA(P:.(FMIYM03
 LI/P:N"74Y Y:HWF80H)ET-P:N"73Y P.FRO71KET HA/Q.O75DE\$00? ⁷ W:/NFTAN04
 HA/K.OH"63N MIN-HA/D.F61M (AL-14QAR:NO7T MIZ:B.A63X Q:+O70RET
 HA/S.AM.IYM03 LI/P:N"74Y Y:HWF80H?)A\$E73R B:./O74HEL MOW("92D W:/)"74T05
 K.FL-D.A74M HA/P.F81R YI\$:P.OK:03)EL-Y:SOWD03 MIZ:B.A74X HF/(OLF80H?
)A\$ER-P.E73TAX)O71HEL MOW("75D00 ⁸ W:/)ET-K.FL-X"91LEB P.A71R
 HA75/XA+.F73)T YFRI74YM MI/M./E92N.W.?)ET-HA/X"33LEB03 HA75/M:KAS.E74H
 (AL-HA/Q.E80REB W:/)"T03 K.FL-HA/X"80LEB):A\$E73R (AL-HA/Q.E75REB00? ⁹ W:/)"T03
 \$:T."74Y HA/K.:LFYO80T W:/)ET-HA/X"33LEB03):A\$E74R (:AL"Y/HE80N):A\$E73R
 (AL-HA/K.:SFLI92YM? W:/)ET-HA/Y.OTE33RET03 (AL-HA/K.FB"80D
 (AL-HA/K.:LFYO73WT Y:SIYR/E75N.FH00 ¹⁰ K.A.):A\$E74R YW.RA80M? MI/\$.O73WR
 ZE74BAX HA/\$.:LFMI92YM W:/HIQ:+IYR/FM03 HA/K.OH"80N (A73L MIZ:B.A71X
 HF/(OLF75H00 ¹¹ W:/)ET-?(O70WR HA/P.FR03 W:/)ET-K.FL-B.:&FR/O80W (AL-RO)\$/O73W
 W:/AL-K.:RF(F92Y/W W:/QIR:B./O73W W:/PIR:\$/O75W00? ¹² W:/HOWCI74Y)
)ET-K.FL-14HA/P.FR)EL-MI/X63W.C LA75/M.AX:ANE61H)EL-MFQO70WM +FH0WR03
)EL-? \$E74PEK: HA/D.E80\$EN W:/&FRA71P)OT/O91W (AL-("CI73YM B.F)/"92\$
 (AL-\$E71PEK: HA/D.E73\$EN YI&.FR"75P00 ¹³ W:/)I63M K.FL-(:ADA70T YI&.RF)"L03
 YI\$:G.80W. W:/NE(:LA74M D.FBF80R M"/("YN"73Y HA/Q.FHF92L 14W:/F&W.)AXA63T?
 MI/K.FL-MIC:WO94T Y:HWF91H):A\$E71R LO)-T"(F&E73YNFH W:/)F\$"75MW.00
¹⁴ W:/NO75WD:(FH03 HA75/XA+.F80)T?):A\$E71R XF+:)73W. (FLE92Y/HF
 W:/HIQ:RI63YBW. HA/Q.FHF61L P.A70R B.EN-B.FQFR03 L:/XA+.F80)T W:/H"BI74Y)W.?)
)OT/O80W LI/P:N"73Y)O71HEL MOW("75D00 ¹⁵ 14W:/SFM:KW. ZIQ:N"63Y HF/("DF94H
)ET-Y:D"Y/HE91M (AL-RO71)\$? HA/P.F73R LI/P:N"74Y Y:HWF92H W:/\$FXA71+
)ET-HA/P.F73R LI/P:N"71Y Y:HWF75H00 ¹⁶ W:/H"BI91Y) HA/K.OH"71N? HA/M.F\$173YXA
 MI/D.A74M HA/P.F92R)EL-)O73HEL MOW("75D00 ¹⁷ W:/+FBA94L HA/K.OH"91N
)EC:B.F(/O73W MIN-?HA/D.F92M W:/HIZ.F62H \$E70BA(P:.(FMIYM03 LI/P:N"74Y
 Y:HWF80H)"73T P:N"71Y HA/P.FRO75KET00 ¹⁸ W:/MIN-HA/D.F62M? YIT."74N05
 (AL-QAR:NO74T HA/M.IZ:B."81XA):A\$ER03 LI/P:N"74Y Y:HWF80H):A\$E73R
 B:./O74HEL MOW("92D W:/)"74T? K.FL-HA/D.F81M YI\$:P.OK:03)EL-Y:SOWD03
 MIZ:B.A74X HF/(OLF80H):A\$ER-P.E73TAX)O71HEL MOW("75D00? ¹⁹ W:/)"71T
 K.FL-XEL:B./O73W YFRI74YM MI/M./E92N.W. W:/HIQ:+I73YR HA/M.IZ:B."75X/FH00
²⁰ W:/F&F74H LA/P.F80R? K.A.):A\$E70R (F&FH03 L:/PA74R HA75/XA+.F80)T K."73N
 YA(:A&EH-L./O92W W:/KIP.E94R (:AL/"HE91M HA/K.OH"73N W:/NIS:LA71X?
 L/FHE75M00 ²¹ W:/HOWCI74Y))ET-HA/P.F81R)EL-MI/XW.C03 LA75/M.AX:ANE80H
 W:/&FRA74P)OT/O80W K.A.):A\$E74R? &FRA80P)"73T HA/P.F74R HF/RI)\$O92WN
 XA+.A71)T HA/Q.FHF73L H75W.)00 ²²):A\$E71R NF&I73Y) YE75X:E+F92) W:/F&F83H
)AXA74T MI/K.FL-MIC:WOT04 Y:HWF63H):ELOHF61Y/W):A\$E94R?
 LO)-T"(F&E91YNFH B.I/\$:GFGF73H W:/)F\$"75M00 ²³)O75W-HOWDA70()"LFY/W03
 XA+.F)T/O80W):A\$E71R XF+F73)? B./F92H. W:/H"BI94Y))ET-QFR:B.FN/O91W &:(I71YR
 (IZ.I73YM ZFKF71R T.FMI75YM00 ²⁴ W:/SFMA70K: YFD/OW03 (AL-?RO74)\$
 HA/&.F(I80YR W:/\$FXA74+)OT/O80W B.I/M:QO91WM):A\$ER-YI\$:XA71+
)ET-HF/(OLF73H LI/P:N"74Y Y:HWF92H? XA+.F73)T H75W.)00 ²⁵ W:/LFQA63X
 HA/K.OH"61N MI/D.A70M HA75/XA+.F)T03 B:./)EC:B.F(/O80W W:/NFTA85N
 (AL-QAR:NO73T? MIZ:B.A74X HF/(OLF92H W:/)ET-D.FM/O74W YI\$:P.O80K:
)EL-Y:S073WD MIZ:B.A71X HF/(OLF75H00 ²⁶ W:/)ET-?K.FL-XEL:B./OW03 YAQ:+I74YR
 HA/M.IZ:B."80X/FH K.:X"73LEB ZE74BAX HA/\$.:LFMI92YM W:/KIP.E63R (FLF94Y/W
 HA/K.OH"91N? M"/XA+.F)T/O73W W:/NIS:LA71X L/O75W00 ²⁷ W:/)IM-NE94PES)AXA91T
 T.EX:E+F71) BI/\$:GFGF73H M"/(A74M? HF/F92REC 14B.A/(:A&OT/FH.)AXA63T
 MI/M.IC:WO94T Y:HWF91H):A\$E71R LO)-T"(F&E73YNFH W:/)F\$"75M00 ²⁸ 10)OW?
 HOWDA74()"LF80Y/W XA+.F)T/O73W):A\$E74R XF+F92) W:/H"BI63Y) QFR:B.FN/O61W
 &:(IYRA70T (IZ.IYM03 T.:MIYMF74H? N:Q"BF80H (AL-XA+.F)T/O73W):A\$E71R
 XF+F75)00 ²⁹ W:/SFMAK:03)ET-YFD/O80W (A73L RO74)\$ HA75/XA+.F92)T? W:/\$FXA+03
)ET-HA74/XA+.F80)T B.I/M:QO73WM HF/(OLF75H00 ³⁰ W:/LFQA63X HA/K.OH"70N

MI/D.FM/FH.03? B.:)EC:B.F/(O80W W:/NFTA85N (AL-QAR:NO73T MIZ:B.A74X
HF/(OLF92H W:/)ET-K.FL-D.FM/F74H. YIS:P.O80K:)EL-?Y:SO73WD HA/M.IZ:B."75XA00
³¹ W:/)ET-K.FL-XEL:B./F74H. YFSI81YR K.A/):A\$E63R HW.SA74R X"LEB02 M"/(A74L?
ZE74BAX HA/\$.:LFMIYM01 W:/HIQ:+I70YR HA/K.OH"N03 HA/M.IZ:B."80X/FH
L:/R"71YXA NIYXO73XA LA/YHWF92H W:/KIP.E71R? (FLF91Y/W HA/K.OH"73N
W:/NIS:LA71X L/O75W00 ³² W:/)IM-K.E91BE& YFBI71Y) QFR:B.FN/O73W L:/XA+.F92)T?
N:Q"BF71H T:MIYMF73H Y:BIY)/E75N.FH00 ³³ W:/SFMAK:03)ET-YFD/O80W (A73L
RO74)\$ HA75/XA+.F92)T W:/SFXA70+?)OT/FH.03 L:/XA+.F80)T B.I/M:QO85WM
):A\$E71R YIS:XA73+)ET-HF/(OLF75H00 ³⁴ W:/LFQA63X HA/K.OH"61N MI/D.A70M?
HA75/XA+.F)T03 B.:)EC:B.F/(O80W W:/NFTA85N (AL-QAR:NO73T MIZ:B.A74X
HF/(OLF92H W:/)ET-K.FL-D.FM/F74H. YIS:P.O80K:?)EL-Y:SO73WD HA/M.IZ:B."75XA00
³⁵ W:/)ET-K.FL-XEL:B./F74H YFSI81YR K.A/):A\$E63R YW.SA71R
X"75LEB-?HA/K.E&EB02 MI/Z.E74BAX HA/\$.:LFMIYM01 W:/HIQ:+I63YR HA/K.OH"70N
)OT/FM03 HA/M.IZ:B."80X/FH (A73L)I\$."74Y Y:HWF92H? W:/KIP.E63R (FLF94Y/W
HA/K.OH"91N (AL-XA+.F)T/O71W):A\$ER-XF+F73) W:/NIS:LA71X L/O75W00
⁵ ¹ W:/NE74PE\$ K.I75Y-TEX:E+F81) W:/S\$F75M:(FH03 QO74WL)FLF80H W:/H74W.) ("80D
)O71W RF)F73H)O74W YFDF92(?)IM-LO71W) YAG.I73YD W:/NF&F71)
(:AWON/O75W00 ²)O74W NE81PE\$):A\$E74R T.IG.A(02 B.:/KFL-D.FBF74R +FM")01
)OW04? B:/NIB:LA63T XAY.F61H +:M")F81H 10)OW]3 B:/NIB:LAT03 B.:H"MF74H
+:M")F80H)O85W B:/NIB:LA73T \$E74REC +FM"92)? W:/NE(:LA74M MI/M./E80N.W.
W:/H71W.) +FM"73) W:/)F\$"75M00 ³)O74W KI70Y YIG.A(03 B.:/+UM:):A74T)FDF80M
L:/KOL03? +UM:):FT/O80W):A\$E71R YI+:MF73) B./F92H. W:/NE(:LA74M MI/M./E80N.W.
W:/H71W.) YFDA73(W:/)F\$"75M00 ⁴)O74W NE83PE\$ K.I74Y? TI\$.FBA(04 L:/BA+."63)
BI/&:PFTA61YIM L:/HFRA74(05)O74W L:/H"Y+I81YB 14L:/KOL):A\$E63R Y:BA+."94)
HF)/FDF91M? B.I/\$:BU(F73H W:/NE(:LA74M MI/M./E92N.W. W:/HW.)-YFDA71(
W:/)F\$"73M L:/)AXA71T M"/)"75L.EH00 ⁵ W:/HFYF71H KI75Y-?YE):\$A73M L:/)AXA74T
M"/)"92L.EH W:/HI63T:WAD.F80H):A\$E71R XF+F73) (FLE75Y/HF00 ⁶ W:/H"BI74Y)
)ET-?):A\$FM/O74W LA/YHWF83H (A74L XA+.F)T/OW04):A\$E63R XF+F61) N:Q"BF63H
MIN-HA/C.O71)N K.I&:B.F91H)O75W-?&:(IYRA71T (IZ.I73YM L:/XA+.F92)T
W:/KIP.E71R (FLF91Y/W HA/K.OH"73N M"/XA+.F)T/O75W00 ⁷ W:/)IM-LO63)?
TAG.I74YA(J2 YFD/OW02 D."74Y &EH01 W:/H"BI63Y))ET-):A\$FM/O61W):A\$E74R
XF+F81) \$:T."71Y TORI91YM)O75W-\$:N"71Y? B:N"75Y-YOWNF73H LA75/YHWF92H
)EXF71D L:/XA+.F73)T W:/)EXF71D L:/)OLF75H00 ⁸ W:/H"BI70Y))OT/FM03
)EL-?HA/K.OH"80N W:/HIQ:RI91YB)ET-):A\$E71R LA/XA+.F73)T RI)\$OWNF92H
W:/MFLA94Q)ET-RO)\$O91W MI/M.71W.L? (FR:P./O73W W:/LO71) YAB:D.I75YL00
⁹ W:/HIZ.F62H MI/D.A70M HA/XA+.F)T03 (AL-QI74YR HA/M.IZ:B."80XA
W:/HA/N.I\$):F74R? B.A/D.F80M YIM.FC"73H)EL-Y:SO74WD HA/M.IZ:B."92XA
XA+.F73)T H75W.)00 ¹⁰ W:/)ET-HA/\$."NI91Y YA(:A&E71H (OLF73H? K.A/M.I\$):P.F92+
W:/KIP.E63R (FLF94Y/W HA/K.OH"91N M"/XA+.F)T/O71W):A\$ER-XF+F73)
W:/NIS:LA71X L/O75W00 ¹¹ W:/)IM-LO)04 TA&.I63YG YFD/O61W LI/\$:T."74Y TORI81YM
)OW02 LI/\$:N"74Y B:N"Y-YOWNFH01 W:/H"BI63Y))ET-?QFR:B.FN/O61W):A\$E74R
XF+F81) (:A&IYRI94T HF)/"PF91H SO73LET L:/XA+.F92)T LO)-YF&I63YM (FLE61Y/HF
\$E81MEN? W:/LO)-YIT."70N (FLE33Y/HF03 L:BONF80H K.I71Y XA+.F73)T HI75Y)00
¹² WE/H:EBIY)/FH.02)EL-HA/K.OH"N01 W:/QFMA74C? HA/K.OH"74N05 14MI/M./EN.FH
M:LO63W QUM:C/O61W)ET-)AZ:K.FRFT/FH03 W:/HIQ:+I74YR HA/M.IZ:B."80X/FH
(A73L))I\$."74Y? Y:HWF92H XA+.F73)T HI75W)00 ¹³ W:/KIP.ER04 (FLF63Y/W
HA/K.OH"61N (AL-XA+.F)T/O94W):A\$ER-XF+F91)? M"75)AXA71T M"/)"73L.EH
W:/NIS:LA74X L/O92W W:/HFY:TF71H LA/K.OH"73N K.A/M.IN:XF75H00
¹⁴ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L:/)MO75R00 ¹⁵ 10NEPE\$
K.I75Y-TIM:(O74L MA80(AL W:/XF75+:)FH03? B.I/\$:GFGF80H MI/Q.FD:\$"73Y Y:HWF92H
W:/H"BIY)04)ET-):A\$FM/O63W LA75/YHWF61H)A94YIL T.FMI74YM MIN-HA/C.O81)N?
B.:/ER.K:/KF91 K.E75SEP-\$:QFLI71YM B.:\$E75QEL-HA/Q.O73DE\$ L:/)F\$F75M00
¹⁶ W:/)74T):A\$ER04 XF+F63) MIN-?HA/Q.O61DE\$ Y:\$AL."81M
W:/)ET-X:AMI75YIT/OW03 YOWS"74P (FLF80Y/W W:/NFTA71N)OT/O73W
LA/K.OH"92N W:/HA/K.OH"81N Y:KAP."71R? (FLF91Y/W B.:/)"71YL HF)/F\$F73M
W:/NIS:LA71X L/O75W00 ¹⁷ W:/)IM-NE33PE\$03 K.I74Y TE75X:E+F80)? W:/)F75&:TF81H
)AXAT03 MI/K.FL-MIC:WO74T Y:HWF80H):A\$E73R LO74) T"(F&E92YNFH

YFDA71(W:/F\$"73M? W:/NF&F71) (:AWON/O75W00 ¹⁸ 14W:/H"BIY))A74YIL
T.FMI94YM MIN-HA/C.O91)N B.:(ER:K./:KF71 L:/)F\$F73M)EL-HA/K.OH"92N?
W:/KIP.ER04 (FLF63Y/W HA/K.OH"61N (A74L \$IG:GFT/O94W):A\$ER-\$FGF91G
W:/H71W.) LO75)-YFDA73(W:/NIS:LA71X L/O75W00? ¹⁹)F\$F73M H92W.))F\$O71M
)F\$A73M LA/YHWF75H00 ²⁰ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H? L."/)MO75R00
²¹ 10NEPE\$ K.I74Y TEX:E+F80) W./MF(:ALF71H MA73(AL B.A/YHWF92H W:/KIX"63\$
B.A/(:AMIYT/O61W? B.:PIQ.FDO81WN)O75W-BI/T:&70W.MET YFD03)O74W
B:/GFZ"80L)O73W (F\$A71Q)ET-(AMIYT/O75W00 ²²)O75W-MFCF94)?):AB"DF91H
W:/KI71XE\$ B./F73H. W:/NI\$:B.A74((AL-\$F92QER (AL-)AXA81T MI/K.O91L
):A\$ER-YA:(A&E71H HF)/FDF73M? LA/X:A+O71) BF/H"75N.FH00 ²³ W:/HFYFH02
K.I75Y-YEX:E+F74) W:/)F\$"M01 W:/H"\$163YB)ET-HA/G.:Z"LF61H):A\$E74R G.FZF81L?
)O70W)ET-HF/(O33\$EQ03):A\$E74R (F\$F80Q 10)OW)ET-HA/P.IQ.FDO80WN):A\$E71R
HFP:QA73D)IT./O92W)O71W)ET-?HF/):AB"DF73H):A\$E71R MFCF75)00 ²⁴ 14)OW
MI/K.O62L):A\$ER-YI\$.FBA74((FLFY/W02 LA/\$.EQER01 W:/\$IL.A70M?)OT/OW03
B.:/RO)\$O80W WA/X:AMISITF73Y/W YOS"74P (FLF92Y/W LA):A\$E63R H71W.) L/O91W
YIT.:N/E73N.W. B.:YO71WM)A\$:MFT/O75W00? ²⁵ W:/)ET-):A\$FM/O71W YFBI73Y)
LA/YHWF92H)A74YIL T.FMI94YM MIN-HA/C.O91)N B.:(ER:K./:KF71 L:/)F\$F73M?
)EL-HA/K.OH"75N00 ²⁶ W:/KIP.E63R (FLF94Y/W HA/K.OH"91N LI/P:N"71Y Y:HWF73H
W:/NIS:LA74X L/O92W (AL-)AXA91T? MI/K.O71L):A\$E75R-YA:(A&E73H L:/)A\$:MF71H
B/F75H.00 **6** ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00 ² CA70W
)E75T)AH:ARON03 W:/)ET-B.FNF74Y/W? L"/)MO80R ZO71)T T.OWRA73T HF/(OLF92H
HI74W) HF/(OLF83H (AL04 MOWQ:DF63H (AL-HA/M.IZ:B."70XA
K.FL-?HA/L.A33Y:LFH03 (AD-HA/B.O80QER W:/)"71\$ HA/M.IZ:B."73XA T.71W.QAD
B./O75W00 ³ W:/LFBA63\$ HA/K.OH"61N MID./O74W BA81D? W:/MI75K:N:S"Y-BAD02
YIL:B.A74\$ (AL-B.:&FR/OW01 W:/H"RI74YM)ET-HA/D.E81\$EN):A\$E63R T.O)KA71L
HF/)"91\$?)ET-HF/(OLF73H (AL-HA/M.IZ:B."92XA W:/&FM/O85W)"73CEL
HA/M.IZ:B."75XA00 ⁴ W:/PF\$A+03)ET-B.:GFDF80Y/W? W:/LFBA73\$ B.:GFDI74YM
):AX"RI92YM W:/HOWCI70Y))ET-HA/D.E33\$EN03)EL-MI/X74W.C LA75/M.AX:ANE80H
)EL-?MFQO73WM +FHO75WR00 ⁵ W:/HF/)"63\$ (AL-HA/M.IZ:B."70XA
T.75W.QAD-B./OW03 LO74) TIK:B.E80H W./BI("63R (FLE94Y/HF? HA/K.OH"91N
("CI73YM B.A/B.O74QER B.A/B.O92QER W:/FRA70K: (FLE33Y/HF03 HF75/(OLF80H
W:/HIQ:+I71YR (FLE73Y/HF XEL:B"71Y? HA/\$.:LFMI75YM00 ⁶)"81\$ T.FMI91YD
T.W.QA71D (AL-HA/M.IZ:B."73XA LO71) TIK:BE75H00)1 ⁷ W:/ZO71)T T.OWRA73T
HA/M.IN:XF92H HAQ:R"63B)OT/F70H. B.:N"75Y-)AH:ARON03 LI/P:N"74Y Y:HWF80H
)EL-P.:N"73Y? HA/M.IZ:B."75XA00 ⁸ W:/H"RI63YM MI/M./E61N.W. B.:QUM:C/O81W
MI/S.O70LET HA/M.IN:XFH03 W:/MI/\$.AM:N/F80H. W:/)"T03 K.FL-?HA/L.:BONF80H
):A\$E73R (AL-HA/M.IN:XF92H W:/HIQ:+I74YR HA/M.IZ:B."81XA R"94YXA NIYXO91XA
)AZ:K.FRFT/F73H.? LA/YHWF75H00 ⁹ W:/HA/N.OWTE74RET MI/M./E80N.FH YO)K:L73W.
)AH:ARO74N W:/BFNF92Y/W MAC.O70WT T."75)FK"L03 B.:MFQO74WM? QFDO80\$
B.A/X:ACA71R)O75HEL-MOW("73D YO)K:L75W./HF00 ¹⁰ LO70) T")FPEH03 XFM"80C
XEL:Q/F91M NFTA71T.IY?)OT/F73H. M"/)I\$.F92Y QO70DE\$ QF75DF\$IYM03 HI80W)
K.A/XA+.F73)T W:/KF)F\$F75M00 ¹¹ K.FL-ZFKF62R B.I/B:N"70Y?)AH:ARON03
YO75)K:AL/E80N.FH)3 XFQ-(OWLFM03 L:/DORO74T"Y/KE80M M"/)I\$."73Y Y:HWF92H
K.O91L):A\$ER-YIG.A71(B./FHE73M? YIQ:D.F75\$00 ¹² WA/Y:DAB."71R Y:HWF73H
)EL-MO\$E71H L."/)MO75R00 ¹³ ZE83H QFR:B.AN04)AH:ARO63N? W:/BFNF61Y/W
):A\$ER-YAQ:RI74YBW. LA75/YHWF81H B.:YOWM03 HIM.F\$A74X)OT/O80W
(:A&IYRI63T HF/)"PF71H SO91LET? MIN:XF73H T.FMI92YD MAX:ACIYT/F74H.
B.A/B.O80QER W:/MAX:ACIYT/F73H. B.F/(F75REB00 ¹⁴ (A75L-MAX:ABA81T?
B.A/\$.E91MEN T.("F&E73H MUR:B.E74KET T.:BIY)/E92N.FH T.UPIYN"Y03 MIN:XA74T
P.IT.I80YM T.AQ:RI71YB R"75YXA-?NIYXO73XA LA/YHWF75H00 ¹⁵ W:/HA/K.OH"63N
HA/M.F\$I94YXA T.AX:T.F91Y/W MI/B.FNF73Y/W YA:(A&E74H)OT/F92H.
XFQ-?(OWLF85M LA/YHWF73H K.FLI71YL T.FQ:+F75R00 ¹⁶ W:/KFL-MIN:XA71T
K.OH"91N K.FLI71YL T.IH:YE73H LO71)? T")FK"75L00 ¹⁷ WA/Y:DAB."71R Y:HWF73H
)EL-MO\$E71H L."/)MO75R00 ¹⁸ D.AB."70R)E75L-?)AH:ARON03 W:/)EL-B.FNF74Y/W
L"/)MO80R ZO71)T T.OWRA73T HA75/XA+.F92)T B.I/M:QO83WM):A\$ER04 T.I\$.FX"63+?
HF/(OLF61H T.I\$.FX"70+ HA75/XA+.F)T03 LI/P:N"74Y Y:HWF80H QO71DE\$
QF95DF\$I73YM HI75W)00 ¹⁹ HA/K.OH"91N? HA75/M:XA+."71))OT/F73H.

YO)K:AL/E92N.FH B.:MFQO70WM QFDO\$03 T."75)FK"80L B.A/X:ACA73R)O71HEL
MOW("75D00? ²⁰ K.O91L):A\$ER-YIG.A71(B.I/B:&FR/F73H. YIQ:D.F92\$ WA):A\$E63R
YIZ.E70H MI/D.FM/FH.03 (AL-HA/B.E80GED):A\$ER03 YIZ.E74H? (FLE80Y/HF
T.:KAB."73S B.:MFQO71WM QFDO75\$00 ²¹ W./K:LIY-XE91RE&):A\$E71R
T.:BU\$.AL-B./O73W YI\$.FB"92R? W:/)IM-B.I/K:LI70Y N:XO33\$ET03 B.U\$.F80LFH
W./MORA71Q W:/\$U+.A73P B.A/M.F75YIM00 ²² K.FL-ZFKF71R B.A/K.OH:ANI73YM?
YO)KA74L)OT/F92H. QO71DE\$ QF95DF\$I73YM HI75W)00 ²³ W:/KFL-XA+.F83)T
):A\$ER04 YW.BF63) MI/D.FM/F61H.?)EL-)O94HEL MOW("91D L:/KAP."71R
B.A/Q.O73DE\$ LO74) T")FK"92L B.F)/"73\$ T.I&.FR"75P00 ⁷ ₁ W:/ZO71)T T.OWRA73T
HF)/F\$F92M QO71DE\$ QF95DF\$I73YM H75W.)00 ² B.I/M:QO81WM):A\$E70R?
YI\$:X:A+W.03)ET-HF74(OLF80H YI\$:X:A+73W.)ET-HF)F\$F92M W:/)ET-D.FM/O91W
YIZ:RO71Q (AL-HA/M.IZ:B."73XA? SFB175YB00 ³ W:/)71T K.FL-XEL:B./O73W
YAQ:RI74YB MI/M./E92N.W. 10)"T HF75)AL:YF80H W:/)ET-HA/X"73LEB?
HA75/M:KAS.E71H)ET-HA/Q.E75REB00 ⁴ W:/)T03 \$:T."74Y HA/K.:LFYO80T
W:/)ET-HA/X"33LEB03):A\$E74R (:AL"Y/HE80N?):A\$E73R (AL-HA/K.:SFLI92YM
W:/)ET-HA/Y.OTE33RET03 (AL-HA/K.FB"80D (AL-HA/K.:LFYO73T Y:SIYR/E75N.FH00?
⁵ W:/HIQ:+I63YR)OT/F70M HA/K.OH"N03 HA/M.IZ:B."80X/FH)I\$.E73H LA/YHWF92H
)F\$F73M H75W.)00 ⁶ K.FL-ZFKF71R? B.A/K.OH:ANI73YM YO)K:L/E92N.W.
B.:MFQO70WM QFDOW\$03 Y")FK"80L QO71DE\$ QF75DF\$I73YM H75W.)00
⁷ K.A75/XA+.F)T03? K.F75)/F\$F80M T.OWRF71H)AXA73T L/FHE92M HA/K.OH"91N
):A\$E71R Y:KAP.ER-B./O73W L/O71W YIH:YE75H00 ⁸ W:/HA63/K.OH"80N?
HA/M.AQ:RI73YB)ET-(O74LAT)I92Y\$ (O70WR HF75(OLF80H):A\$E74R HIQ:RI80YB
LA/K.OH"73N L/O71W YIH:YE75H00? ⁹ W:/KFL-MIN:XF81H):A\$E70R T."75)FPEH03
B.A/T.AN.80W.R W:/KFL-NA(:A&F71H BA/M.AR:XE73\$ET W:/(A75L-MAX:ABA92T?
LA/K.OH"91N HA/M.AQ:RI71YB)OT/F73H. L/O71W TI75H:YE75H00
¹⁰ W:/KFL-MIN:XF71H B:LW.LF75H-BA/\$.E73MEN? WA/X:AR"BF92H L:/KFL-B.:N"94Y
)AH:ARO91N T.IH:YE73H)I71Y\$ K.:)FXI75Y/W00 ¹¹ W:/ZO71)T T.OWRA73T ZE74BAX
HA/\$.LFMI92YM):A\$E71R YAQ:RI73YB LA/YHWF75H00 ¹²)I74M (AL-?T.OWDFH02
YAQ:RIYB/EN.W.01 W:/HIQ:RI74YB05 (AL-ZE74BAX HA/T.OWDF81H XAL.O70WT
MAC.OWT03 B.:LW.LO74T B.A/\$.E80MEN? W:/R:QIYQ"71Y MAC.O73WT M:\$UXI74YM
B.A/\$.F92MEN W:/SO74LET MUR:B.E80KET XAL.O73T B.:LW.LO71T B.A/\$.F75MEN00?
¹³ (AL-XAL.OT03 LE74XEM XFM"80C YAQ:RI73YB QFR:B.FN/O92W (AL-ZE73BAX
T.OWDA71T \$:LFMF75Y/W00? ¹⁴ W:/HIQ:RI63YB MI/M./E70N.W.)EXFD03
MI/K.FL-QFR:B.F80N T.:RW.MF73H LA/YHWF92H LA/K.OH"81N HA/Z.0R"91Q
)ET-?D.A71M HA/\$.LFMI73YM L/O71W YIH:YE75H00 ¹⁵ W:/B:&A81R 10ZEBAX
T.OWDA74T \$:LFMF80Y/W B.:YO71WM QFR:B.FN/O73W? Y")FK"92L
LO75)-YAN.I71YXA MI/M./E73N.W. (AD-B.O75QER00 ¹⁶ W:/)IM-NE74DER05)O74W
N:DFBF81H 10ZEBAX QFR:B.FN/O80W? B.:YO91WM HAQ:RIYB/O71W)ET-ZIB:X/O73W
Y")FK"92L W:/MI75/M.FX:FRF80T W:/HA/N.OWTF71R MI/M./E73N.W. Y")FK"75L00?
¹⁷ W:/HA/N.OWTF73R MI/B.:&A74R HA/Z.F92BAX B.A/Y.OWM03 HA/\$.LIY\$180Y
B.F)/"73\$ YI&.FR"75P00 ¹⁸ W:/)I74M H")FKO74L? <sup>14Y")FK"L MI/B.:&AR-ZE63BAX
\$:LFMF61Y/W B.A/Y.O74WM HA/\$.LIY\$1Y02 LO74) Y"RFCEH01 HA/M.AQ:RI74YB
)OT/O81W LO94)? Y"XF\$"91B L/O73W P.IG.74W.L YIH:YE92H W:/HA/N.E91PE\$
HF)/OKE71LET MI/M./E73N.W. (:AWON/F71H. T.I&.F75)00 ¹⁹ W:/HA/B.F&F62R?
):A\$ER-YIG.A70(B.:KFL-+FM")03 LO74) Y"75)FK"80L B.F)/"73\$ YI&.FR"92P
W:/HA63B.F&F80R K.FL-+FHO73WR? YO)KA71L B.F&F75R00 ²⁰ W:/HA/N.E61PE\$
):A\$ER-T.O)KA74L B.F&F81R MI/Z.E70BAX HA/\$.LFMIYM03):A\$E74R? LA/YHWF80H
W:/+UM:)FT/O73W (FLF92Y/W W:/NIK:R:TF91H HA/N.E71PE\$ HA/HI73W)
M"/(AM.E75Y/HF00 ²¹ W:/NE61PE\$ K.I75Y-?TIG.A74(B.:KFL-+FM"81) B.:+UM:)A70T
)FDFM03)O74W05 B.I/B:H"MF74H +:M")F81H 10)OW B.:KFL-\$E74QEC? +FM"80)
W:/)FKA91L MI/B.:&AR-ZE71BAX HA/\$.LFMI73YM):A\$E74R LA/YHWF92H
W:/NIK:R:TF91H HA/N.E71PE\$ HA/HI73W)? M"/(AM.E75Y/HF00 ²² WA/Y:DAB."71R
Y:HWF73H)EL-MO\$E71H L."/)MO75R00 ²³ D.AB."91R)EL-B.:N"71Y YI&.RF)"73L
L"/)MO92R? K.FL-X"61LEB \$O71WR W:/KE91&EB WF/("73Z LO71) TO)K"75LW.00
²⁴ W:/X"70LEB N:B"LFH03 W:/X"74LEB +:R"PF80H? Y"(F&E73H L:/KFL-M:LF)KF92H
W:/)FKO73L LO71) TO)K:LU75/HW.00 ²⁵ 10K.IY K.FL-)OK"74L X"80LEB
MIN-?HA63/B.:H"MF80H):A\$E63R YAQ:RI71YB MI/M./E91N.FH)I\$.E73H LA/YHWF92H</sup>

W:/NIK:R:TF91H HA/N.E71PE\$ HF/)OKE73LET? M"75/(AM.E75Y/HF00 ²⁶ W:/KFL-D.FM03 LO74) TO)K:L80W. B.:/KO73L MOW\$:BOT"Y/KE92M LF/(O73WP W:/LA/B.:H"MF75H00? ²⁷ K.FL-NE73PE\$)A\$ER-T.O)KA74L K.FL-D.F92M W:/NIK:R:TF91H HA/N.E71PE\$ HA/HI73W) M"75/(AM.E75Y/HF00 ²⁸ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.")MO75R00 ²⁹ D.AB."91R)EL-B.:N"71Y YI&:RF)"73L? L")MO92R HA/M.AQ:RI62YB)ET-ZE70BAX \$:LFMFY/W03 LA/YHWF80H YFBI94Y))ET-QFR:B.FN/O91W LA/YHWF73H? MI/Z.E71BAX \$:LFMF75Y/W00 ³⁰ YFDF74Y/W T.:BIY)E80YNFH)"73T)I\$."74Y Y:HWF92H)ET-HA/X"70LEB (AL-HE75/XFZE803? Y:BIY)/E80N.W.)"74T HE/XFZE81H L:/HFNI71YP)OT/O91W T.:NW.PF73H LIP:N"71Y Y:HWF75H00 ³¹ W:/HIQ:+I94YR HA/K.OH"91N?)ET-HA/X"73LEB HA/M.IZ:B."92X/FH W:/HFYFH03 HE75/XFZE80H L:/)AH:ARO73N W.L:/BFNF75Y/W00 ³² W:/)T03 \$O74WQ HA/Y.FMI80YN? T.IT.:N71W. T:RW.MF73H LA/K.OH"92N MI/Z.IB:X"73Y \$AL:M"Y/KE75M00 ³³ HA/M.AQ:RI62YB)ET-D.A94M HA/\$:LFMI91YM? W:/)ET-HA/X"73LEB MI/B.:N"74Y)AH:ARO92N L/O94W TIH:YE91H \$O71WQ HA/Y.FMI73YN L:/MFNF75H00 ³⁴ K.IY04)ET-X:AZ"63H? HA/T.:NW.PF61H W:/)"74T05 \$O74WQ HA/T.:RW.MF81H LFQA33X:T.IY03 M")"74T B.:N"75Y-YI&:RF)"80L MI/Z.IB:X"73Y? \$AL:M"Y/HE92M WF)ET."74N 14)OT/FM L:/)AH:ARO63N HA/K.OH"70N W.L:/BFNFY/W03 L:/XFQ-(OWLF80M M")"73T B.:N"71Y? YI&:RF)"75L00 ³⁵ ZO74)T MI\$:XA70T)AH:ARON03 W:/MI\$:XA74T B.FNF80Y/W M")I\$."73Y Y:HWF92H B.:/YOWM03? HIQ:RI74YB)OT/F80M L:/KAH"73N LA/YHWF75H00 ³⁶)A\$ER04 CIW.F63H Y:HWF61H LF/T"74T L/FHE81M B.:/YOWM03? MF\$:X/O74W)OT/F80M M")"73T B.:N"74Y YI&:RF)"92L XUQ.A71T (OWLF73M L:/DOROT/F75M00 ³⁷ ZO74)T HA/T.OWRF81H? LF75/(OLFH03 LA/M.IN:XF80H W:/LA75/XA+.F73)T W:/LF/)F\$F92M W:/LA63/M.IL.W.)I80YM W.L:/ZE73BAX HA/\$:LFMI75YM00? ³⁸)A\$E63R CIW.F94HJ3 Y:HWF91H)ET-MO\$E73H B.:/HA74R SIYNF92Y B.:/YO63WM CAW.OT/O61W)ET-B.:N"74Y YI&:RF)"81L? L:/HAQ:RI94YB)ET-QFR:B.:N"Y/HE91M LA/YHWF73H B.:/MID:B.A71R SIYNF75Y00 **8** ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.")MO75R00 ² QA70X)E75T-)AH:ARON03 W:/)ET-B.FNF74Y/W?)IT./O80W W:/)"T03 HA/B.:GFDI80YM W:/)"73T \$E74MEN HA/M.I\$:XF92H W:/)"74T05 P.A74R HA95/XA+.F81)T W:/)"T03 \$:N"74Y? HF75/)"YLI80YM W:/)"73T SA71L HA/M.AC.O75WT00 ³ W:/)"71T K.FL-HF/("DF73H HAQ:H"92L)EL-P.E73TAX)O71HEL? MOW("75D00 ⁴ WA/Y.A74(A& MO\$E80H K.A95/):A\$E91R CIW.F71H Y:HWF73H)OT/O92W WA/T.IQ.FH"L03 HF75/("DF80H)EL-P.E73TAX?)O71HEL MOW("75D00 ⁵ WA/Y.O71)MER MO\$E73H)EL-HF/("DF92H ZE74H HA/D.FBF80R):A\$ER-CIW.F71H Y:HWF73H? LA/(:A&O75WT00 ⁶ WA/Y.AQ:R"74B MO\$E80H)E75T-)AH:ARO73N W:/)ET-B.FNF92Y/W WA/Y.IR:XA71C)OT/F73M B.A/M.F75YIM00? ⁷ WA/Y.IT."63N (FLF61Y/W)ET-HA/K.UT.O81NET WA/Y.AX:G.O70R)OT/OW03 B.F75/AB:N"80+ WA/Y.AL:B."70\$)OT/OW03)E75T-HA/M.:I80YL? WA/Y.IT."71N (FLF73Y/W)ET-HF/)"PO92D WA/Y.AX:G.O74R)OT/O81W B.:/X"33\$EB03 HF75/)"PO80D WA/Y.E):P.O71D L/O73W B./O75W00 ⁸ WA/Y.F71&EM? (FLF73Y/W)ET-HA/XO92\$EN WA/Y.IT."N03)EL-HA/XO80\$EN)ET-HF/)W.RI73YM W:/)ET-HA/T.UM.I75YM00 ⁹ WA/Y.F71&EM?)ET-HA/M.IC:NE73PET (AL-RO)\$O92W WA/Y.F63&EM (A75L-HA/M.IC:NE61PET)EL-M74W.L P.FNF81Y/W)"74T CI70YC? HA/Z.FHFB03 N"74ZER HA/Q.O80DE\$ K.A/):A\$E91R CIW.F71H Y:HWF73H)ET-MO\$E75H00 ¹⁰ WA/Y.IQ.A70X MO\$EH03)ET-?E74MEN HA/M.I\$:XF80H WA/Y.IM:\$A71X)ET-HA/M.I\$:K.F73N W:/)ET-K.FL-):A\$ER-B./O92W WA/Y:QAD."73\$)OT/FM00? ¹¹ WA/Y.A71Z MI/M.E91N.W. (AL-HA/M.IZ:B."73XA \$E74BA(P.:FMI92YM WA/Y.IM:\$A63X)ET-HA/M.IZ:B."61XA W:/)ET-K.FL-?K."LF81Y/W W:/)ET-HA/K.IY.O91R W:/)ET-K.AN./O73W L:/QAD.:\$/F75M00 ¹² WA/Y.ICOQ03 MI/\$E74MEN HA/M.I\$:XF80H (A73L? RO74)\$)AH:ARO92N WA/Y.IM:\$A71X)OT/O73W L:/QAD.:\$/O75W00 ¹³ WA/Y.AQ:R"63B MO\$E61H)ET-B.:N"74Y)AH:ARO81N? WA/Y.AL:B.I\$/"70M K.UT.:FNOT03 WA/Y.AX:G.O70R)OT/FM03)AB:N"80+ WA/Y.AX:ABO71\$ L/FHE73M MIG:B.F(O92WT K.A/):A\$E91R CIW.F71H? Y:HWF73H)ET-MO\$E75H00 ¹⁴ WA/Y.AG."85\$)"73T P.A74R HA75/XA+.F92)T WA/Y.IS:MO63K:)AH:ARO70N W:/BFNFY/W03)ET-?Y:D"Y/HE80M (AL-RO73)\$ P.A71R HA95/XA+.F75)T00 ¹⁵ WA/Y.I\$:XF81+ WA/Y.IQ.A63X MO\$E70H)ET-HA/D.FM03? ¹⁴WA/Y.IT."N (AL-QAR:NO63WT HA/M.IZ:B."70XA SFBIB03 B.:)EC:B.F/(O80W WA/Y:XA+."73))ET-HA/M.IZ:B."92XA

W:/)ET-?HA/D.F81M YFCAQ03)EL-Y:SO74WD HA/M.IZ:B."80XA
 WA75/Y:QAD.:\$/73HW. L:/KAP."71R (FLF75Y/W00 ¹⁶ WA/Y.IQ.A81X
)E75T-?K.FL-HA/X"LEB02):A\$E74R (AL-HA/Q.EREB01 W:/)"T03 YOTE74RET
 HA/K.FB"80D W:/)ET-\$.T."71Y HA/K.:LFYO73T? W:/)E75T-XEL:B./:HE92N
 WA/Y.AQ:+"71R MO\$E73H HA/M.IZ:B."75X/FH00 ¹⁷ W:/)ET-HA/P.F70R W:/)ET-(OR/OW03
 W:/)ET-?B.:&FR/O74W W:/)ET-P.IR:\$/O80W &FRA74P B.F/)"80\$ MI/X73W.C
 LA75/M.AX:ANE92H K.A/):A\$E91R CIW.F71H Y:HWF73H)ET-?MO\$E75H00
¹⁸ WA/Y.AQ:R"85B)"73T)"74YL HF/(OLF92H WA75/Y.IS:M:K62W.)AH:ARO94N
 W./BFNF91Y/W)ET-Y:D"Y/HE73M? (AL-RO71)\$ HF/F75YIL00 ¹⁹ WA/Y.I\$:XF92+
 WA/Y.IZ:RO63Q MO\$E94H)ET-HA/D.F91M (AL-HA/M.IZ:B."73XA? SFB175YB00
²⁰ W:/)ET-HF/)A80YIL NIT.A73X LI/N:TFXF92Y/W WA/Y.AQ:+"70R MO\$EH03
)ET-HF/RO80)\$ W:/)ET-?HA/N.:TFXI73YM W:/)ET-HA/P.F75DER00
²¹ W:/)ET-HA/Q.E71REB W:/)ET-HA/K.:RF(A73YIM RFXA74C B.A/M.F92YIM?
 WA/Y.AQ:+"R04 MO\$E63H)ET-K.FL-HF/)A61YIL HA/M.IZ:B."81X/FH (OLF63H H70W.)
 L:/R"75YXA-NIYXO33XA03)I\$.E71H? HW.)03 LA/YHWF80H K.A/):A\$E91R CIW.F71H
 Y:HWF73H)ET-MO\$E75H00 ²² WA/Y.AQ:R"B03)ET-HF/)A74YIL HA/\$. "NI80Y?)"73YL
 HA/M.IL.U)I92YM WA75/Y.IS:M:K62W.)AH:ARO94N W./BFNF91Y/W)ET-Y:D"Y/HE73M
 (AL-RO71)\$ HF/F75YIL00? ²³ WA/Y.I\$:XF65+05 WA/Y.IQ.A70X MO\$EH03 MI/D.FM/O80W
 WA/Y.IT."91N (AL-T.:N71W.K:)O75ZEN-)AH:ARO73N HA/Y:MFNI92YT
 W:/)ET-(AL-?B.O70HEN YFD/OW03 HA/Y:MFNI80YT W:/)ET-(AL-B.O71HEN RAG:L/O73W
 HA/Y:MFNI75YT00 ²⁴ WA/Y.AQ:R"62B)ET-B.:N"74Y)AH:ARO81N? WA/Y.IT."63N
 MO\$E70H MIN-HA/D.FM03 (AL-T.:N70W.K:)FZ:N/FM03 HA/Y:MFNI80YT
 W:/)ET-(AL-B.O70HEN YFD/FM03 HA/Y:MFNI80YT? W:/)ET-(AL-B.O71HEN RAG:L/F73M
 HA/Y:MFNI92YT WA/Y.IZ:RO63Q MO\$E94H)ET-HA/D.F91M (AL-HA95/M.IZ:B."73XA
 SFB175YB00? ²⁵ WA/Y.IQ.A62X)ET-HA/X"74LEB W:/)ET-HF75/)AL:YF81H
 W:/)E75T-K.FL-HA/X"LEB02):A\$E74R (AL-HA/Q.EREB01? W:/)"T03 YOTE74RET
 HA/K.FB"80D W:/)ET-\$.T."71Y HA/K.:LFYO73T W:/)E75T-XEL:B./:HE92N W:/)"73T
 \$O71WQ HA/Y.FMI75YN00? ²⁶ W./MI/S.A63L HA/M.AC.O61WT):A\$E74R05 LI/P:N"74Y
 Y:HWF81H 14LFQAX XAL.A63T MAC.F70H)AXAT03 W:75/XAL.A63T LE71XEM?
 \$E91MEN)AXA73T W:/RFQI74YQ)EXF92D WA/Y.F33&EM03 (AL-HA74/X:ALFBI80YM
 W:/)ET-(A73L \$O71WQ HA/Y.FMI75YN00 ²⁷ WA/Y.IT."74N?)ET-HA/K.O80L 10(AL K.AP."74Y
)AH:ARO80N W:/)ET-(A73L K.AP."74Y BFNF92Y/W WA/Y.F94NEP)OT/F91M T.:NW.PF73H
 LI/P:N"71Y? Y:HWF75H00 ²⁸ WA/Y.IQ.A63X MO\$E70H)OT/FM03 M"/(A74L
 K.AP."Y/HE80M WA/Y.AQ:+"71R HA/M.IZ:B."73X/FH (AL-?HF/(OLF92H MIL.U)I71YM
 H"M03 L:/R"74YXA NIYXO80XA)I\$.E71H H73W.) LA/YHWF75H00 ²⁹ WA/Y.IQ.A70X
 MO\$EH03?)ET-HE74/XFZE80H WA/Y:NIYP/"71HW. T:NW.PF73H LI/P:N"74Y Y:HWF92H
 M"/)"74YL HA/M.IL.U)I81YM L:/MO\$E70H HFYFH03? L:/MFNF80H K.A/):A\$E91R
 CIW.F71H Y:HWF73H)ET-MO\$E75H00 ³⁰ WA/Y.IQ.A63X MO\$E61H MI/\$.E74MEN
 HA/M.I\$:XF81H W./MIN-?HA/D.FM02):A\$E74R (AL-HA/M.IZ:B."XA01 WA/Y.A70Z
 (A75L-)AH:ARON03 (AL-B.:GFDF80Y/W W:/)ET-(AL-B.FNF91Y/W W:/)ET-(AL-?B.IG:D"71Y
 BFNF73Y/W)IT./O92W WA/Y:QAD."70\$)E75T-)AH:ARON03)ET-B.:GFDF80Y/W
 W:/)ET-B.FNF91Y/W W:/)ET-B.IG:D"71Y? BFNF73Y/W)IT./O75W00 ³¹ WA/Y.O63)MER
 MO\$E61H)EL-)AH:ARO74N W:/)EL-B.FNF81Y/W B.A\$.:L74W.)ET-HA/B.F&FR02?
 P.E74TAX)O74HEL MOW("D01 W:/)ET-(W:\$FM03 T.O)K:L74W.)OT/O80W
 W:/)ET-(E63T-HA/L.E80XEM):A\$E73R B.:SA74L HA/M.IL.U)I92YM? K.A/):A\$E70R
 CIW."33YTIY03 L"/)MO80R)AH:ARO71N W./BFNF73Y/W YO)K:LU75/HW00
³² W:/)ET-(HA/N.OWTF71R B.A/B.F&F73R? W./BA/L.F92XEM B.F/)"73\$ T.I&:RO75PW.00
³³ W./MI/P.ETAX04)O63HEL MOW("61D LO70) T"75C:)W.03 \$IB:(A74T YFMI80YM?
 10(AD YO74WM M:LO80)T Y:M"73Y MIL.U)"Y/KE92M 10K.IY \$IB:(A74T YFMI80YM
 Y:MAL."73))ET-YED/:KE75M00? ³⁴ K.A/):A\$E71R (F&F73H B.A/Y.O74WM HA/Z.E92H
 CIW.F94H Y:HWF91H LA/(:A&O73T L:/KAP."71R (:AL"Y/KE75M00 ³⁵ W./PETAX04?
)O63HEL MOW("61D T."\$:B63W. YOWMF70M WF/LA33Y:LFH03 \$IB:(A74T YFMI80YM
 W./\$:MAR:T.E91M)ET-MI\$:ME71RET? Y:HWF73H W:/LO74) TFM92W.TW. K.IY-K"73N
 CUW."75YTIY00 ³⁶ WA/Y.A71(A&)AH:ARO73N W./BFNF92Y/W 10)"T
 K.FL-?HA/D.:BFRI80YM):A\$ER-CIW.F71H Y:HWF73H B.:YAD-MO\$E75H00
9 ¹ WA/Y:HIY03 B.A/Y.O74WM HA/\$.:MIYNI80Y QFRF74) MO\$E80H L:/)AH:ARO73N
 W./L:/BFNF92Y/W W./L:/ZIQ:N"73Y? YI&:RF)"75L00 ² WA/Y.O74)MER

)AH:ARO81N QAX-14L/:KF ("74GEL B.EN-B.FQF94R L:/XA+.F91)T W:/)A71YIL?
 L:/)OLF73H T.:MIYMI92M W:/HAQ:R"73B LI/P:N"71Y Y:HWF75H00 ³ W:/)EL-B.:N"71Y
 YI&:RF)"73L T.:DAB."74R? L"/)MO92R Q:X70W. &:(IYR-(IZ.IYM03 L:/XA+.F80)T
 W:/("63GEL WF/KE94BE& B.:N"Y-\$FNF91H T.:MIYMI73M? L:/)OLF75H00 ⁴ W:/)O63WR
 WF/A61YIL LI/\$:LFMI81YM LI/Z:B.O33XA03 LI/P:N"74Y Y:HWF80H W:/MIN:XF73H
 B.:LW.LF74H? BA/\$.F92MEN K.I74Y HA/Y.O80WM Y:HWF73H NIR:)F71H
):AL"Y/KE75M00 ⁵ WA/Y.IQ:X81W. 10)"T):A\$E74R CIW.F74H MO\$E80H?)EL-P.:N"73Y
)O74HEL MOW("92D WA75/Y.IQ:R:BW.03 K.FL-HF74/("DF80H WA/Y.A75(AM:D73W.
 LI/P:N"71Y Y:HWF75H00 ⁶ WA/Y.O74)MER? MO\$E80H ZE94H HA/D.FBF91R
):A\$ER-CIW.F71H Y:HWF73H T.A:(A&92W. W:/Y"RF71)):AL"Y/KE73M K.:BO71WD
 Y:HWF75H00? ⁷ WA/Y.O63)MER MO\$E61H)E75L-)AH:ARO81N Q:RA70B
)EL-HA/M.IZ:B."33XA03 WA/(:A&"62H)ET-XA+.F75)T/:KF03? W:/)ET-(O74LFT/E80KF
 W:/KAP."71R B.A75(AD/:KF73 W./B:(A74D HF/(F92M WA/(:A&"62H)ET-QFR:B.A70N
 HF/(FM03 W:/KAP."74R? B.A95(:AD/F80M K.A):A\$E73R CIW.F71H Y:HWF75H00
⁸ WA/Y.IQ:RA71B)AH:ARO73N)EL-HA/M.IZ:B."92XA WA/Y.IS:XA91+)ET-?("71GEL
 HA/XA+.F73)T):A\$ER-L/O75W00 ⁹ 14WA/Y.AQ:RIBW. B.:N"63Y)AH:ARO74N
)ET-HA/D.FM02)"LFY/W01 WA/Y.I+:B.O70L?)EC:B.F/(OW03 B.A/D.F80M WA/Y.IT."73N
 (AL-QAR:NO74WT HA/M.IZ:B."92XA W:/)ET-HA/D.F74M YFCA80Q)EL-Y:SO73WD?
 HA/M.IZ:B."75XA00 ¹⁰ W:/)ET-HA/X"63LEB W:/)ET-HA/K.:LFYO61T
 W:/)ET-HA/Y.OTE70RET MIN-HA/K.FB"D03 MIN-?HA74/XA+.F80)T HIQ:+I73YR
 HA/M.IZ:B."92X/FH K.A):A\$E91R CIW.F71H Y:HWF73H)ET-MO\$E75H00
¹¹ W:/)ET-?HA/B.F&F73R W:/)ET-HF/(O92WR &FRA74P B.F/)"80\$ MI/X73W.C
 LA75/M.AX:ANE75H00 ¹² WA/Y.IS:XA73+)ET-HF/(OLF92H? 14WA/Y.AM:CI)W. B.:N"63Y
)AH:ARO70N)"LFY/W03)ET-HA/D.F80M WA/Y.IZ:R:Q/"71HW. (AL-HA/M.IZ:B."73XA
 SFBI75YB00? ¹³ W:/)ET-HF/(OLF81H HIM:CI94Y)W.)"LF91Y/W LI/N:TFXE73Y/HF
 W:/)ET-HF/RO92)\$ WA/Y.AQ:+"73R (AL-?HA/M.IZ:B."75XA00 ¹⁴ WA/Y.IR:XA71C
)ET-HA/Q.E73REB W:/)ET-HA/K.:RF(F92YIM WA/Y.AQ:+"71R (AL-HF/(OLF73H?
 HA/M.IZ:B."75X/FH00 ¹⁵ WA/Y.AQ:R"85B)"73T QFR:B.A74N HF/(F92M WA/Y.IQ.A62X
)ET-&:(I70YR HA75/XA+.F)T03):A\$E74R? LF/(F80M WA/Y.IS:XF+/"71HW.
 WA75/Y:XA+:)"73HW. K.F/RI)\$O75WN00 ¹⁶ WA/Y.AQ:R"73B)ET-HF/(OLF92H
 WA75/Y.A:(A&/E73HF? K.A/M.IS:P.F75+00 ¹⁷ WA/Y.AQ:R"B02)ET-HA/M.IN:XFH01
 WA/Y:MAL."70) KAP./OW03 MI/M./E80N.FH WA/Y.AQ:+"73R (AL-?HA/M.IZ:B."92XA
 MI/L.:BA73D (OLA71T HA/B.O75QER00 ¹⁸ WA/Y.IS:XA70+)ET-HA/\$.OWR03
 W:/)ET-HF/)A80YIL ZE71BAX? HA/\$.LFMI73YM):A\$E74R LF/(F92M 14WA/Y.AM:CI)W.
 B.:N"63Y)AH:ARO70N)ET-HA/D.FM03)"LF80Y/W WA/Y.IZ:R:Q/"71HW.
 (AL-?HA/M.IZ:B."73XA SFBI75YB00 ¹⁹ W:/)ET-HA/X:ALFBI73YM MIN-HA/\$.O92WR
 W./MIN-HF/)A80YIL HF75)AL:YF70H? W:/HA75/M:KAS.EH03 W:/HA/K.:LFYO80T
 W:/YOTE73RET HA/K.FB"75D00 ²⁰ WA/Y.F&I71YMW.)ET-HA/X:ALFBI73YM
 (AL-?HE/XFZO92WT WA/Y.AQ:+"71R HA/X:ALFBI73YM HA/M.IZ:B."75X/FH00
²¹ W:/)"74T HE/XFZO81WT W:/)"T03 \$O74WQ HA/Y.FMI80YN? H"NI94YP)AH:ARO91N
 T.:NW.PF73H LI/P:N"74Y Y:HWF92H K.A):A\$E73R CIW.F71H MO\$E75H00
²² WA/Y.I&.F63)? WA/Y.I&.F63)?)AH:ARO94N)AH:ARO94N **YFDF91Y/W
)ET-)EL-**YFDF91Y/W HF/(F73M)EL-WA75/Y:BFR:K/"92M HF/(F73M WA/Y."81RED
 WA75/Y:BFR:K/"92M M"/(:A&O94T WA/Y."81RED HA75/XA+.F91)T M"/(:A&O94T
 W:/HF/(OLF73H? HA75/XA+.F91)T W:/HA/\$.LFMI75YM00 W:/HF/(OLF73H?
 W:/HA/\$.LFMI75YM00 ²³ WA/Y.FBO63) MO\$E70H W:/)AH:ARON03)EL-)O74HEL
 MOW("80D WA/Y."74C:)80W. WA75/Y:BFR:AK73W.?)ET-HF/(F92M WA/Y."RF71)
 K:BOWD-Y:HWF73H)EL-K.FL-HF/(F75M00 ²⁴ WA/T."70C"))"03 MI/L.I/P:N"74Y?
 Y:HWF80H WA/T.O33)KAL03 (AL-HA/M.IZ:B."80XA)ET-HF/(OLF73H
 W:/)ET-HA/X:ALFBI92YM WA/Y.A70R:) K.FL-HF/(FM03? WA/Y.FR/O80N.W.
 WA75/Y.IP.:L73W. (AL-P.:N"Y/HE75M00 ¹⁰ ₁ WA/Y.IQ:X74W. B.:N"75Y-14)AH:ARON
 NFDF63B WA/):ABIYH61W.))I74Y\$ MAX:T.FT/O81W WA/Y.IT.:N70W. B/FH"N03?)"80\$
 WA/Y.F&I71YMW. (FLE73Y/HF Q:+O92RET WA/Y.AQ:RI61BW. LI/P:N"70Y Y:HWFH03
)"74\$ ZFRF80H):A\$E94R LO72)? CIW.F73H)OT/F75M00 ² WA/T."71C"))"91\$
 MI/L.I/P:N"71Y Y:HWF73H WA/T.O74)KAL)OWT/F92M WA/Y.FMU73TW. LI/P:N"71Y?
 Y:HWF75H00 ³ WA/Y.O63)MER MO\$E61H)E75L-)AH:ARO81N HW.)04):A\$ER-D.IB.E63R
 Y:HWF70H05 L"/)MOR03? B.I/Q:ROB/A74Y)EQ.FD"80\$ W:/)AL-P.:N"71Y KFL-HF/(F73M

)EK.FB"92D? WA/Y.ID.O73M)AH:ARO75N00 4 WA/Y.IQ:RF74) WA/Y.IQ:RF74) MO\$E81H
 MO\$E81H)EL-)EL-MI75Y\$F)"L03 MI75Y\$F)"L03 W:/)E74L W:/)E74L)EL:CFPF80N
)EL:CFPF80N B.:N"71Y B.:N"71Y (UZ.IY)"73L? (UZ.IY)"73L? D.O74D D.O74D
)AH:ARO92N)AH:ARO92N WA/Y.O74)MER WA/Y.O74)MER):AL/"HE81M):AL/"HE81M
 14QIR:B 14QIR:B62W.J3 62W.J3 &:)70W. &:)70W.)ET-)ET-):AX"Y/KEM03):AX"Y/KEM03
 M"/)"74T M"/)"74T P.:N"Y-P.:N"Y-HA/Q.O80DE\$? HA/Q.O80DE\$?)EL-)EL-MI/X73W.C
 MI/X73W.C LA75/M.AX:ANE75H00 LA75/M.AX:ANE75H00 5 WA75/Y.IQ:R:B81W.
 WA/Y.I&.F)U/M03 B.:KUT.:FNOT/F80M)EL-MI/X73W.C LA75/M.AX:ANE92H?
 K.A):A\$E73R D.IB.E71R MO\$E75H00 6 WA/Y.O74)MER MO\$E74H)E75L-)AH:ARO83N
 W./L:)EL:(FZFR04 W./L:)I75YTFMF63R05? B.FNF61Y/W RF95)\$"Y/KE71M
)AL-T.IP:RF74(W.05 W./BIG:D"Y/KE70M LO75)-TIP:RO33MW.03 W:/LO74) TFMU80TW.
 W:/)A71L? K.FL-HF/("DF73H YIQ:CO92P WA):AX"Y/KEM03 K.FL-B."74YT YI&.RF)"80L
 YIB:K.W.03)ET-HA/&.:R"PF80H?):A\$E73R &FRA71P Y:HW75H00 7 W./MI/P.ETAX04
)O63HEL MOW("61D LO70) T"75C:)W.03 P.EN-T.FMU80TW. K.IY-?E91MEN MI\$:XA71T
 Y:HW75H00 (:AL"Y/KE92M WA75/Y.A:A&73W. K.I/D:BA71R MO\$E75H00
 8 WA/Y:DAB."74R Y:HW75H00)E75L-)AH:ARO73N L"/)MO75R00 9 YA74YIN W:/)K"62R
)AL-T."74\$:T.05)AT.F74H05? W./BFNE74Y/KF)IT./F81K: B.:BO)/:AKE91M)EL-)O71HEL
 MOW("73D W:/LO74) TFMU92TW. XUQ.A71T (OWLF73M? L:/DOROT"Y/KE75M00
 10 W.75/L:A/HAB:D.I80YL B."71YN HA/Q.O73DE\$ W./B"74YN HA/XO92L W./B"71YN
 HA/+.FM"73) W./B"71YN? HA/+.FHO75WR00 11 W./L:/HOWRO73T)ET-B.:N"74Y
 YI&.RF)"92L 10)"T K.FL-HA74/XUQ.I80YM):A\$E63R D.IB.E94R Y:HW75H00
)AL"Y/HE73M B.:YAD-MO\$E75H00 12 WA/Y:DAB."63R MO\$E61H)E75L-)AH:ARO81N
 W:/)E74L? 14)EL:(FZFR W:/)EL:J63YTFMF71R05 B.FNFY/W02 HA/N.O75WTFRIYM01
 Q:X74W.)ET-HA/M.IN:XF81H HA/N.OWTE33RET03 M"/)I\$."74Y? Y:HW75H00
 W:/)IK:L71W./HF MAC.O73WT)"74CEL HA/M.IZ:B."92XA K.I91Y QO71DE\$
 QF75DF\$I73YM HI75W)00 13 WA):AKAL:T.E70M?)OT/FH.03 B.:MFQO74WM QFDO80\$
 K.I74Y XFQ:KF70 W:/XFQ-B.FNE33Y/KF03 HI80W) M"/)I\$."73Y Y:HW75H00 K.IY-K"73N
 CUW."75YTIY00? 14 W:/)T04 X:AZ"63H HA/T.:NW.PF61H W:/)T05 \$O74WQ
 HA/T.:RW.MF81H T.O75K:LW.03 B.:MFQO74WM +FHO80WR?)AT.F85H
 W./BFNE71Y/KF W./B:NOTE73Y/KF)IT./F92K: K.I75Y-XFQ:KF70
 W:/XFQ-B.FNE33Y/KF03 NIT.:N80W. MI/Z.IB:X"71Y \$AL:M"73Y? B.:N"71Y
 YI&.RF)"75L00 15 \$O74WQ HA/T.:RW.MF62H WA/X:AZ"74H HA/T.:NW.PF81H (A74L
)I\$."70Y HA/X:ALFBIYM03? YFBI80Y)W. L:/HFNI71YP T.:NW.PF73H LI/P:N"74Y
 Y:HW75H00 W:/HFYF63H L:/KF61 W./L:/BFNE70Y/KF)IT./:KF03 L:/XFQ-(OWLF80M?
 K.A):A\$E73R J3 CIW.F71H Y:HW75H00 16 W:/)T05 &:(I74YR HA75/XA+.F81)T
 D.FRO71\$ D.FRA91\$ MO\$E73H? W:/HIN."74H &ORF92P 14WA/Y.IQ:COP
 (AL-)EL:(FZFR04 W:/)EL-)I75YTFMFR03 B.:N"74Y)AH:ARO80N HA/N.OWTFRI73M?
 L"/)MO75R00 17 MAD.81W.(A LO75)-):AKAL:T.E70M)ET-HA/XA+.F)T03 J3
 B.I/M:QO74WM HA/Q.O80DE\$ K.I91Y QO71DE\$? QF75DF\$I73YM HI92W)
 W:/)OT/F74H.05 NFTA74N L/FKE81M LF/&)"T03)ET-(:AWO74N HF/("DF80H L:/KAP."71R
 (:AL"Y/HE73M? LI/P:N"71Y Y:HW75H00 18 10H"N LO)-HW.BF74))ET-D.FM/F80H.
)EL-HA/Q.O73DE\$ P.:NI92YMFH)FKO63WL? T.O)K:L71W.)OT/F91H. B.A/Q.O73DE\$
 K.A):A\$E71R CIW."75YTIY00 19 WA/Y:DAB."63R)AH:ARO61N)EL-MO\$E81H H"74N?
 14HA/Y.OWM HIQ:RI63YBW.)ET-XA+.F)T/F70M W:/)ET-(O75LFT/FM03 LI/P:N"74Y
 Y:HW75H00 WA/T.IQ:RE71)NFH)OT/I73Y? K.F/)92L.EH W:/)FKA70L:T.IY XA+.F)T03
 HA/Y.O80WM HA/Y.IY+A73B B.:("YN"71Y Y:HW75H00 20 WA/Y.I\$.:MA74(MO\$E80H?
 WA/Y.IY+A73B B.:("YNF75Y/W00 11 1 WA/Y:DAB."94R Y:HW75H00)EL-MO\$E71H
 W:/)E75L-)AH:ARO73N L"/)MO71R):AL/"HE75M00 2 D.AB.:R91W.?)EL-B.:N"71Y
 YI&.RF)"73L L"/)MO92R ZO70)T HA75/XAY.FH03):A\$E74R T.O)K:L80W.
 MI/K.FL-HA/B.:H"MF73H):A\$E71R? (AL-HF/)F75REC00 3 K.O74L05 MAP:RE74SET
 P.AR:SF81H W:/SOSA70(AT \$E33SA(03 P.:RFSO80T MA(:ALA71T? G."RF73H
 B.A/B.:H"MF92H)OT/F73H. T.O)K"75LW.00 4)A70K:)ET-ZEH03 LO74) TO75)K:L80W.
 MI75/M.A(:AL"Y03 HA/G."RF80H? W./MI/M.AP:RIYS"73Y HA/P.AR:SF92H
)E75T-14HA/G.FMFL K.I75Y-MA(:AL"63H G"RF61H H81W.) W./PAR:SFH03
)"YN/E74N.W.? MAP:RI80YS +FM"71) H73W.) L/FKE75M00 5 W:/)ET-HA/\$.FPF81N
 K.I75Y-MA(:AL"70H G"RFH03 H80W.) W./PAR:SF73H? LO74) YAP:RI92YS +FM"71)
 H73W.) L/FKE75M00 6 W:/)ET-HF/)AR:NE81BET K.I75Y-MA(:ALA70T G."RFH03 HI80W)?

W./PAR:SF73H LO74) HIP:RI92YSFH +:M")F71H HI73W) L/FKE75M00
7 W:/)ET-14HA/X:AZIYR K.I75Y-MAP:RI63YS? P.AR:SF61H H81W.) W:/SOSA71(
\$E33SA(03 P.AR:SF80H W:/H73W.) G."RF74H LO75)-YIG.F92R +FM"71) H73W.)
L/FKE75M00? 8 MI/B.:&FR/FM03 LO74) TO)K"80LW. W./B:/NIB:LFT/F73M LO74)
TIG.F92(W. +:M")I71YM H"73M L/FKE75M00 9)ET-?ZEH03 T.O75)K:L80W. MI/K.O73L
):A\$E74R B.A/M.F92YIM K.O74L):A\$ER-L/OW04 S:NAP.I63YR W:/QA&:QE61&ET
B.A/M.A81YIM? B.A/Y.AM.I91YM W./BA/N.:XFLI73YM)OT/F71M T.O)K"75LW.00
10 W:/KOL04):A\$E63R)"75YN-L/O61W S:NAP.I74YR W:/QA&:QE81&ET?
B.A/Y.AM.IYM03 W./BA/N.:XFLI80YM MI/K.OL03 \$E74REC HA/M.A80YIM
W./MI/K.O91L NE71PE\$ HA/XAY.F73H):A\$E74R B.A/M.F92YIM? \$E71QEC H"73M
L/FKE75M00 11 W:/S\$E73QEC YIH:Y74W. L/FKE92M MI/B.:&FR/FM03 LO74) TO)K"80LW.
W:/)ET-?NIB:LFT/F73M T.:\$AQ."75CW.00 12 K.O74L):A\$E71R)"75YN-L/O91W
S:NAP.I71YR W:/QA&:QE73&ET B.A/M.F92YIM \$E71QEC? H73W.) L/FKE75M00
13 W:/)ET-)"33L.EH03 T.:\$AQ.:C74W. MIN-HF/(O80WP LO71) Y)"FK:L73W. \$E74QEC?
H"92M)ET-HA/N.E33\$ER03 W:/)ET-HA/P.E80RES W:/)"73T HF/(FZ:NIY.F75H00
14 W:/)ET-HA63/D.F)F80H W:/)ET-HF/)AY.F73H? L:/MIYN/F75H.00 15)"71T K.FL-(OR"73B
L:/MIYN/O75W00 16 W:/)"T03 B.A74T HA75/Y.A:(ANF80H W:/)ET-HA/T.AX:MF73S?
W:/)ET-HA/\$.F92XAP W:/)ET-HA/N."73C L:/MIYN/"75HW.00 17 W:/)ET-HA/K.O71WS
W:/)ET-HA/\$.FLF73K: W:/)ET-?HA/Y.AN:\$75W.P00 18 W:/)ET-HA/T.IN:\$E71MET
W:/)ET-HA/Q.F)F73T W:/)ET-HF/RFXF75M00 19 W:/)"T03? HA/X:ASIYDF80H
HF/):ANFPF73H L:/MIYN/F92H. W:/)ET-HA/D.W.KIYPA73T W:/)ET-HF/(:A+AL."75P00
20 10K.OL? \$E74REC HF/(O80WP HA/HOL"73K: (AL-)AR:B.A92(\$E71QEC H73W.)
L/FKE75M00 21)A70K:)A70K:)ET-?)ET-?ZEH03 ZEH03 T.O75)K:L80W. T.O75)K:L80W.
MI/K.OL03 MI/K.OL03 \$E74REC \$E74REC HF/(O80WP HF/(O80WP HA/HOL"73K:
HA/HOL"73K: (AL-(AL-)AR:B.A92()AR:B.A92(**L/O70W):A\$ER-K:RF(A33YIM03?
**L/O70W MI/M.A74(AL K:RF(A33YIM03? L:/RAG:LF80Y/W MI/M.A74(AL L:/NAT."71R
L:/RAG:LF80Y/W B./FH"73N L:/NAT."71R (AL-B./FH"73N HF/)F75REC00
(AL-HF/)F75REC00 22)ET-)"70L.EH M"/HEM03 T.O)K"80LW.?)ET-HF75)AR:B.E74HJ3
L:/MIYN/O80W W:/)ET-HA/S.FL:(F73M L:/MIYN/"92HW. W:/)ET-HA/XAR:G.O74L
L:/MIYN/"80HW. W:/)ET-?HE/XFGF73B L:/MIYN/"75HW.00 23 W:/KOL03 \$E74REC
HF/(O80WP):A\$ER-L/O73W)AR:B.A74(RAG:LF92YIM \$E71QEC? H73W.) L/FKE75M00
24 W./L:/)"73L.EH T.I+.AM.F92)W. K.FL-HA/N.OG"71(A B.:NIB:LFT/F73M YI+:MF71)
(AD-HF/(F75REB00? 25 W:/KFL-HA/N.O&"73) MI/N.IB:LFT/F92M Y:KAB."71S
B.:GDFDF73Y/W W:/+FM"71) (AD-HF/(F75REB00 26 L:75/KFL-?HA/B.:H"MF83H):A\$E74R
HIW)04 MAP:RE63SET P.AR:SF61H W:/S\$E74SA(05)"YN/E74N.FH \$OSA81(AT
W:/G"RFH03)"YN/E74N.FH? MA(:ALF80H +:M")I71YM H"73M L/FKE92M
K.FL-HA/N.OG"71(A B./FHE73M YI+:MF75)00 27 W:/KO74L05 HOWL"74K:
(AL-?K.AP.F81Y/W B.:KFL-HA75/XAY.FH03 HA/HOLE74KET (AL-)AR:B.A80(
+:M")I71YM H"73M L/FKE92M K.FL-HA/N.OG"71(A? B.:NIB:LFT/F73M YI+:MF71)
(AD-HF/(F75REB00 28 W:/HA/N.O&"03)ET-NIB:LFT/F80M Y:KAB."71S B.:GDFDF73Y/W?
W:/+FM"74) (AD-HF/(F92REB +:M")I71YM H"73M.FH L/FKE75M00 29 W:/ZE70H
L/FKEM03 HA/+.FM"80)? B.A/\$.E73REC HA/\$.OR"74C (AL-HF/)F92REC HA/XO71LED
W:/HF/(AK:B.F73R W:/HA/C.F71B L:/MIYN/"75HW.00? 30 W:/HF/):ANFQF71H
W:/HA/K.O73XA W:/HA/L.:+F)F92H W:/HA/XO73ME+ W:/HA/T.IN:\$F75MET00 31)"91L.EH
HA/+.M")I71YM? L/FKE73M B.:KFL-HA/\$.F92REC K.FL-HA/N.OG"94(A B./FHE91M
B.:MOT/F73M YI+:MF71) (AD-HF/(F75REB00? 32 W:/KO74L):A\$ER-YIP.OL:(FLFY/W04
M"/HE63M05 B.:MOT/F61M YI+:MF81) MI/K.FL-K.:LIY-("C03)O74W BE70GED?
)OW-(OWR03)O74W &F80Q K.FL-K.:LI85Y):A\$ER-Y"(F&E71H M:LF)KF73H B./FHE92M
B.A/M.A94YIM YW.BF91)? W:/+FM"71) (AD-HF/(E73REB W:/+FH"75R00
33 W:/KFL-K.:LIY-XE80RE&):A\$ER-YIP.O71L M"/HE73M)EL-?T.OWK/O92W K.O74L
):A\$E94R B.:TOWK/O91W YI+:MF73) W:/)OT/O71W TIS:B.O75RW.00
34 MI/K.FL-HF/)O61KEL):A\$E74R? Y)"FK"81L):A\$E63R YFBO71W) (FLF91Y/W
MA73YIM YI+:MF92) W:/KFL-MA\$:QEHO3):A\$E74R YIS.FTE80H B.:KFL-?K.:LI73Y
YI+:MF75)00 35 14W:/KOL):A\$ER-YIP.O63L MI/N.IB:LFT/F71M05 (FLFY/W02 YI+:MF)01
T.AN.94W.R W:/KIYRA91YIM? YUT.F73C +:M")I74YM H"92M W./+:M")I73YM
YIH:Y71W. L/FKE75M00 36)A74K: MA(:YF71N W./BO91WR MIQ:W"H-MA73YIM?
YIH:YE74H +FHO92WR W:/NOG"71(A B.:NIB:LFT/F73M YI+:MF75)00 37 W:/KI70Y

YIP.OL03 MI/N.IB:LFT/F80M (AL-K.FL-?ZE71RA(Z"R73W.(A):A\$E74R YIZ.FR"92(A +FHO73WR H75W.)00 ³⁸ W:/KI70Y YUT.AN-MA33YIM03 (AL-ZE80RA(W:/NFPA71L? MI/N.IB:LFT/F73M (FLF92Y/W +FM"71) H73W.) L/FKE75M00 ³⁹ W:/KI70Y YFMW.T03 MIN-HA/B.:H"MF80H?):A\$ER-HI71Y) L/FKE73M L:/FK:LF92H HA/N.OG"71(A B.:NIB:LFT/F73H. YI+:MF71) (AD-HF/(F75REB00? ⁴⁰ W:/HF75)OK"L03 MI/N.IB:LFT/F80H. Y:KAB."71S B.:GFDF73Y/W W:/+FM"74) (AD-HF/(F92REB W:/HA/N.O&"03)ET-?NIB:LFT/F80H. Y:KAB."71S B.:GFDF73Y/W W:/+FM"71) (AD-HF/(F75REB00 ⁴¹ W:/KFL-HA/\$.E73REC HA/\$.OR"74C? (AL-HF)/F92REC \$E71QEC H73W.) LO71) Y)"FK"75L00 ⁴² K.OL04 HOWL"63K: (AL-G.FXO61WN]5 W:/KO74L05 HOWL"74K:?(AL-)AR:B.A81(¹⁰(AD K.FL-MAR:B."74H RAG:LA80YIM L:/KFL-HA/\$.E73REC HA/\$.OR"74C (AL-HF)/F92REC? LO71) TO)K:L73W.M K.IY-\$E71QEC H"75M00 ⁴³)AL-T.:\$AQ:CW.03)ET-NAP:\$O74T"Y/KE80M B.:KFL-?HA/\$.E73REC HA/\$.OR"92C W:/LO70) TI75+.AM.:)W.03 B./FHE80M W:/NI+:M"TE73M B./F75M00 ⁴⁴ K.I74Y):ANI74Y Y:HWFH02?):ELO75H"Y/KEM01 W:/HIT:QAD.IS:T.EM03 WI/H:YIYTE74M Q:DO\$180YM K.I71Y QFDO73W\$)F92NIY W:/LO70) T:+AM.:)W.03?)ET-NAP:\$O74T"Y/KE80M B.:KFL-HA/\$.E73REC HF/ROM"71& (AL-HF)/F75REC00 ⁴⁵ K.I74Y05):ANI74Y Y:HWF81H? HA75/M.A:(ALE70H)ET/:KEM03 M"/)E74REC MIC:RA80YIM LI/H:YO71T L/FKE73M L"/)LOHI92YM WI/H:YIYTE74M Q:DO\$180YM? K.I71Y QFDO73W\$)F75NIY00 ⁴⁶ ZO74)T T.OWRA70T HA/B.:H"MFH03 W:/HF/(O80WP W:/KOL03 NE74PE\$? HA75/XAY.F80H HF/ROME73&ET B.A/M.F92YIM W:/L:/KFL-NE73PE\$ HA/\$.ORE71CET (AL-HF)/F75REC00 ⁴⁷ L:/HAB:D.I85YL? B."71YN HA/+.FM"73) W./B"74YN HA/+.FHO92R W./B"70YN HA75/XAY.FH03 HA75/N.E):EKE80LET W./B"YN03 HA75/XAY.F80H):ASE73R LO71)? T)"FK"75L00 **12** ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.")MO75R00 ² D.AB."62R)EL-B.:N"70Y YI&:RF)"L03? L"/)MO80R)I\$.FH03 K.I74Y TAZ:RI80Y(A W:/YFL:DF73H ZFKF92R W:/+F75M:)FH03 \$IB:(A74T YFMI80YM K.I/YM"91Y NID.A71T? D.:WOT/F73H. T.I+:MF75)00 ³ W./BA/Y.O73WM HA/\$.:MIYNI92Y YIM.O73WL B.:&A71R (FR:LFT/O75W00 ⁴ W:/\$.LO\$171YM? YOWM03 W:/\$.LO74\$ET YFMI80YM T."\$73B B.I/D:M"74Y +FH:FRF92H B.:KFL-QO74DE\$ LO75)-TIG.F81(W:/)EL-?HA/M.IQ:D.F\$03 LO74) TFBO80) (AD-M:LO73)T Y:M"71Y +FH:FR/F75H.00 ⁵ W:/)IM-N:Q"BF74H T"L"80D? W:/+FM:)F71H \$:BU(A73YIM K.:NID.FT/F92H. W:/\$I\$.I71YM YOWM03 W:/"\$74\$ET YFMI80YM T."\$73B (AL-D.:M"71Y? +FH:FRF75H00 ⁶ W./BI/M:LO74)T05 Y:M"74Y +FH:FR/F81H. L:/B"N02)O74W L:/BAT01 T.FBI62Y) K.E70BE& B.EN-\$:NFT/OW03? L:/)OLF80H W:/BEN-YOWNF71H)OW-TO73R L:/XA+.F92)T)EL-P.E71TAX)O75HEL-MOW("73D)EL-HA/K.OH"75N00? ⁷ W:/HIQ:RIYB/O62W LI/P:N"70Y Y:HWFH03 W:/KIP.E74R (FLE80Y/HF W:/+FH:ARF73H MI/M.:QO74R D.FME92Y/HF ZO70)T T.OWRAT03? HA/Y.OLE80DET LA/Z.FKF73R)O71W LA/N.:Q"BF75H00 ⁸ W:/)IM-LO63) TIM:CF74) YFD/FH.02 D."74Y &EH01 W:/LFQ:XF74H? \$:T."75Y-TORI81YM)O70W \$:N"Y03 B.:N"74Y YOWNF80H)EXF71D L:/)OLF73H W:/)EXF74D L:/XA+.F92)T W:/KIP.E71R (FLE91Y/HF? HA/K.OH"73N W:/+FH"75RFH00 **13** ¹ WA/Y:DAB."74R Y:HWF80H)EL-MO\$E71H W:/)E75L-)AH:ARO73N L"/)MO75R00 ²)FDF81M K.I75Y-?YIH:YE70H B:/)OWR-B.:&FR/OW03 &:)"70T)O75W-SAP.A33XAT03)O74W BAHE80RET W:/HFYF71H B:/)OWR-B.:&FR/O73W? L:/NE74GA(CFRF92(AT W:/HW.BF)03)EL-)AH:ARO74N HA/K.OH"80N)O91W)EL-)AXA71D MI/B.FNF73Y/W HA/K.OH:ANI75YM00? ³ W:/RF)F74H HA/K.OH"74N)ET-HA/N.E74GA(B.:/(O75WR-14HA/B.F&FR W:/&"(F63R B.A/N.E61GA(HFPA74K:05 LFBF81N W./MAR:)"70H? HA/N.E33GA(03 (FMOQ03 M"/)O74WR B.:&FR/O80W NE71GA(CFRA73(AT H92W.) W:/RF)/F71HW. HA/K.OH"73N W:/+IM."71))OT/O75W00? ⁴ W:/)IM-B.AHERET04 L:/BFNF63H HI61W) B.:/(O74WR B.:&FR/O81W W:/(FMOQ03)"YN-MAR:)/E74HF MIN-HF/(O80WR? W:/&:(FR/F73H LO)-HFPA74K: LFBF92N W:/HIS:G.I94YR HA/K.OH"91N)ET-HA/N.E73GA(\$IB:(A71T YFMI75YM00? ⁵ W:/RF)/F74HW. HA/K.OH"N02 B.A/Y.O74WM HA/\$.:BIY(IY01 W:/HIN."70H HA/N.E33GA(03 (FMA74D B.:/("YNF80Y/W LO75)-PF&F71H? HA/N.E73GA(B.F/(O92WR W:/HIS:G.IYR/O94W HA/K.OH"91N \$IB:(A71T YFMI73YM \$"NI75YT00 ⁶ W:/RF)FH04 HA/K.OH"63N)OT/O61W? B.A/Y.O74WM HA/\$.:BIY(IY02 \$"NIYT01 W:/HIN."H03 K."HF74H HA/N.E80GA(W:/LO)-PF&F71H HA/N.E73GA(B.F/(O92WR W:/+IH:AR/O70W? HA/K.OH"N03 MIS:P.A74XAT HI80Y) W:/KIB.E71S B.:GFDF73Y/W W:/+FH"75R00 ⁷ W:/)IM-P.F&O63H TIP:&E70H? HA/M.IS:P.A33XAT03 B.F/(O80WR)AX:AR"94Y

H"RF)OT/O91W)EL-HA/K.OH"73N L:/+FH:FRFT/O92W W:/NIR:)F71H \$"NI73YT?
)EL-HA/K.OH"75N00 ⁸ W:/RF)FH03 HA/K.OH"80N W:/HIN."91H P.F&:TF71H
 HA/M.IS:P.A73XAT B.F/(O92WR W:/+IM.):O71W HA/K.OH"73N? CFRA71(AT HI75W)00
⁹ NE74GA(CFRA80(AT K.I71Y TIH:YE73H B.:)/FDF92M W:/HW.BF73)
)EL-?HA/K.OH"75N00 ¹⁰ W:/RF)F74H HA/K.OH"81N W:/HIN."70H &:)T-L:BFNFH03
 B.F/(O80WR W:/HI85Y) HFP:KF73H &"(F74R? LFBF92N W:/MI75X:YA91T B.F&F71R
 XA73Y B.A/&:)75T00 ¹¹ CFRA63(AT NOW\$E70NET HIW)03 B.:/(O74WR B.:&FR/O80W?
 W:/+IM.):O73W HA/K.OH"92N LO74) YAS:G.IR/E80N.W. K.I71Y +FM"73) H75W.)00
¹² W:/)IM-P.FRO63WXA T.IP:RA70X HA/C.FRA33(AT03? B.F/(O80WR W:/KIS.:TF74H
 HA/C.FRA81(AT ¹⁰)T K.FL-(O74WR HA/N.E80GA(M"/RO)\$O73W
 W:/AD-RAG:LF92Y/W L:/KFL-?MAR:)73H ("YN"71Y HA/K.OH"75N00 ¹³ W:/RF)F74H
 HA/K.OH"81N W:/HIN."63H KIS.:TF70H HA/C.FRA33(AT03)ET-K.FL-?B.:&FR/O80W
 W:/+IHA73R)ET-HA/N.F92GA(K.UL./O91W HFPA71K: LFBF73N +FHO71WR H75W.)00
¹⁴ W:/B:YO63WM H"RF)O71WT? B./O91W B.F&F71R XA73Y YI+:MF75)00 ¹⁵ W:/RF)F94H
 HA/K.OH"91N)ET-HA/B.F&F71R HA/XA73Y W:/+IM.):O92W HA/B.F&F71R? HA/XA91Y
 +FM"71) H73W.) CFRA71(AT H75W.)00 ¹⁶)O74W KI71Y YF\$91W.B HA/B.F&F71R
 HA/XA73Y W:/NEH:P.A74K: L:/LFBF92N? W:/BF73))EL-HA/K.OH"75N00
¹⁷ W:/RF)F33HW.03 HA/K.OH"80N W:/HIN."91H NEH:P.A71K: HA/N.E73GA(L:/LFBF92N
 W:/+IHA94R? HA/K.OH"91N)ET-HA/N.E73GA(+FHO71WR H75W.)00 ¹⁸ W:/BF&F85R
 K.I75Y-YIH:YE71H B/O75W-B:/(OR/O73W? \$:XI92YN W:/NIR:P.F75)00 ¹⁹ W:/HFYF62H
 B.I/M:QO70WM HA/\$:XIYN03 &:)74T L:BFNF80H)O71W BAHE73RET L:BFNF74H?
):ADAM:D.F92MET W:/NIR:)F73H)EL-HA/K.OH"75N00 ²⁰ W:/RF)F74H HA/K.OH"81N
 W:/HIN."70H MAR:)/E33HF03 \$FPF74L? MIN-HF/(O80WR W:/&:(FR/F73H. HFPA74K:
 LFBF92N W:/+IM.):O94W HA/K.OH"91N NE75GA(-CFRA71(AT HI73W)J3 B.A/\$:XI71YN?
 P.FRF75XFH00 ²¹ W:/)I74M05 YIR:)/E74N.FH HA/K.OH"81N W:/HIN."70H)75YN-B./FH.03
 &"(F74R LFBF80N W:/PFLF71H?)YN/E91N.FH MIN-HF/(O73WR W:/HI74Y) K"HF92H
 W:/HIS:G.IYR/O71W HA/K.OH"73N \$IB:(A71T YFMI75YM00 ²² W:/)IM-?P.F&O71H
 TIP:&E73H B.F/(O92WR W:/+IM."94) HA/K.OH"91N)OT/O73W NE71GA(HI75W)00
²³ W:/)IM-T.AX:T.E61Y/HF? T.A:(AMO70D HA/B.AHE33RET03 LO74) PF&F80TFH
 CFRE71BET HA/\$:XI73YN HI92W) W:/+IH:AR/O73W HA/K.OH"75N00 ²⁴)O74W BF&F80R
 K.I75Y-YIH:YE71H B:/(OR/O73W MIK:WAT-)92\$ W:75/HFY:TF62H MI75X:YA74T
 HA/M.IK:WF81H B.AHE91RET? L:BFNF71H):ADAM:D.E73MET)O71W L:BFNF75H00
²⁵ W:/RF)F74H)OT/F74H. HA/K.OH"83N W:/HIN."74H NEH:P.AK:04 &"(F63R? LFBF61N
 B.A/B.AHE81RET W:/MAR:)/E33HF03 (FMO74Q MIN-HF/(O80WR CFRA74(AT HI80W)
 B.A/M.IK:WF73H P.FRF92XFH? W:/+IM."70))OT/OW03 HA/K.OH"80N NE71GA(
 CFRA73(AT HI75W)00 ²⁶ W:/)I74M05 YIR:)/E74N.FH HA/K.OH"81N W:/HIN."70H?
)"75YN-B.A/B.EHE33RET03 &"(F74R LFBF80N W:/PFLF71H)YN/E91N.FH
 MIN-HF/(O73WR W:/HI74W) K"HF92H W:/HIS:G.IYR/O71W? HA/K.OH"73N \$IB:(A71T
 YFMI75YM00 ²⁷ W:/RF)F71HW. HA/K.OH"73N B.A/Y.O74WM HA/\$:BIY(I92Y
)IM-P.F&O70H TIP:&EH03? B.F/(O80WR W:/+IM."70) HA/K.OH"N03)OT/O80W NE71GA(
 CFRA73(AT HI75W)00 ²⁸ W:/)IM-T.AX:T.EY/HF04 TA:(AMO63D? HA/B.AHE61RET
 LO)-PF&:TF70H BF/(OWR03 W:/HI74W) K"HF80H &:)71T HA/M.IK:WF73H HI92W)
 W:/+I75H:AR/OW03? HA/K.OH"80N K.I75Y-CFRE71BET HA/M.IK:WF73H HI75W)00
²⁹ W:/)IY\$03)O74W)I\$.F80H K.I75Y-YIH:YE71H B/O73W? NF92GA(B.:/RO73)\$)O71W
 B:/ZFQF75N00 ³⁰ W:/RF)F63H HA/K.OH"61N)ET-HA/N.E81GA(W:/HIN."70H
 MAR:)"33HW.03 (FMO74Q? MIN-HF/(O80WR W:/B/O91W &"(F71R CFHO73B D.F92Q
 W:/+IM."63))OT/O70W HA/K.OH"N03 NE74TEQ H80W.) CFRA94(AT? HF/RO91)\$)O71W
 HA/Z.FQF73N H75W.)00 ³¹ W:/KI75Y-YIR:)/E63H HA/K.OH"61N)ET-NE74GA(
 HA/N.E81TEQ W:/HIN."70H?)"YN-MAR:)"33HW.03 (FMO74Q MIN-HF/(O80WR
 W:/&"(F71R \$FXO73R)"74YN B./O92W W:/HIS:G.I94YR HA/K.OH"91N)ET-?NE71GA(
 HA/N.E73TEQ \$IB:(A71T YFMI75YM00 ³² W:/RF)F63H HA/K.OH"74N)ET-HA/N.EGA(02
 B.A/Y.O74WM HA/\$:BIY(IY01? W:/HIN."H03 LO)-PF&F74H HA/N.E80TEQ
 W:/LO)-HF71YFH B/O73W &"(F74R CFHO92B W:/MAR:)"74H HA/N.E80TEQ)"71YN?
 (FMO73Q MIN-HF/(O75WR00 ³³ W:/HI63T:G.AL.F80X W:/)ET-HA/N.E73TEQ LO74)
 Y:GAL."92XA W:/HIS:G.I63YR HA/K.OH"94N?)ET-HA/N.E91TEQ \$IB:(A71T YFMI73YM
 \$"NI75YT00 ³⁴ W:/RF)FH04 HA/K.OH"63N)ET-HA/N.E61TEQ B.A/Y.O74WM?
 HA/\$:BIY(I81Y 14W:/HIN."H LO)-PF&F70H HA/N.E33TEQ03 B.F/(O80WR

W./MAR:)"85HW.)"YN/E71N.W. (FMO73Q MIN-HF/(O92WR? W:/+IHA70R)OT/OW03
 HA/K.OH"80N W:/KIB.E71S B.:GFDF73Y/W W:/+FH"75R00 ³⁵ W:/)IM-P.F&O71H
 YIP:&E91H HA/N.E73TEQ? B.F/(O92WR)AX:AR"73Y +FH:FRFT/O75W00
³⁶ W:/RF)/F33HW.03 HA/K.OH"80N W:/HIN."91H P.F&F71H HA/N.E73TEQ B.F/(O92WR
 LO75)-?Y:BAQ."94R HA/K.OH"91N LA/&."(F71R HA/C.FHO73B +FM"71) H75W.)00
³⁷ W:/)IM-B.:("YNFY/W04 (FMA63D HA/N.E61TEQ? W:/&"(F63R \$FXO94R
 CF75MAX-B./O91W NIR:P.F71) HA/N.E73TEQ +FHO74WR H92W.) W:/+IH:AR/O73W
 HA/K.OH"75N00 ³⁸ W:/)IY\$03)O75W-)I\$.F80H K.I75Y-YIH:YE71H B:/(OWR-B.:&FR/F73M
 B.EHFRO92T B.EHFRO73T L:BFNO75T00? ³⁹ W:/RF)F74H HA/K.OH"81N W:/HIN."94H
 B:/(OWR-B.:&FR/F91M B.EHFRO73T K."HO74WT L:BFNO92T B.O71HAQ H91W.)?
 P.FRA71X B.F/(O73WR +FHO71WR H75W.)00 ⁴⁰ W:/)I85Y\$ K.I71Y YIM.FR"73+
 RO)\$O92W Q"R"71XA H73W.)? +FHO71WR H75W.)00 ⁴¹ W:/)IM03 MI/P.:)A74T
 P.FNF80Y/W YIM.FR"73+ RO)\$O92W G.IB."71XA H73W.) +FHO71WR H75W.)00?
⁴² W:/KI75Y-YIH:YE70H BA/Q.FRA33XAT03)O74W BA/G.AB.A80XAT NE73GA(LFBF74N
):ADAM:D.F92M CFRA70(AT P.ORA33XAT03? HI80W) B.:/QFRAX:T./O73W)O71W
 B:/GAB.AX:T./O75W00 ⁴³ W:/RF)F63H)OT/O61W HA/K.OH"81N W:/HIN."70H
 &:)"T-HA/N.E33GA(03? L:BFNF74H):ADAM:D.E80MET B.:/QFRAX:T./O73W)O74W
 B:/GAB.AX:T./O92W K.:MAR:)"71H CFRA73(AT (O71WR B.F&F75R00?
⁴⁴)IY\$-CFR71W.(A H73W.) +FM"74) H92W.) +AM."94) Y:+AM.:)/E91N.W. HA/K.OH"73N
 B.:/RO)\$O71W NIG:/(O75W00? ⁴⁵ W:/HA/C.FR61W.(A):A\$ER-B./O74W HA/N.E81GA(
 B.:GFDF62Y/W YIH:Y70W. P:RUMIYM03 W:/RO)\$OW03 YIH:YE74H PFR80W.(A?
 W:/AL-&FPF73M YA:(+E92H W:/+FM"71)05 +FM"73) YIQ:RF75)00 ⁴⁶ K.FL-Y:M"62Y
):A\$E63R HA/N.E71GA(B./O91W YI+:MF73)? +FM"74) H92W.) B.FDF74D Y"\$80B
 MI/X71W.C LA75/M.AX:ANE73H MOW\$FB/O75W00 ⁴⁷ W:/HA/B.E85GED
 K.I75Y-?YIH:YE71H B/O73W NE74GA(CFRF92(AT B.:/BE74GED CE80MER)O73W
 B.:/BE71GED P.I\$:T.I75YM00 ⁴⁸)O70W BI75/\$:TIY03)O74W? B:/"80REB LA/P.I\$:T.I73YM
 W:/LA/C.F92MER)O74W B:/(O80WR)O73W B.:/KFL-M:LE71)KET (O75WR00
⁴⁹ W:/HFYF63H? HA/N.E61GA(Y:RAQ:RA74Q05)O74W):ADAM:D.F81M B.A/B.EGED04
)O63W BF/(O61WR)O75W-BA/\$:TI70Y)OW-BF/("33REB03)O74W?
 B:/KFL-K.:LIY-(O80WR NE71GA(CFRA73(AT H92W.) W:/HFR:)F73H
)ET-HA/K.OH"75N00 ⁵⁰ W:/RF)F71H HA/K.OH"73N?)ET-HA/N.F92GA(W:/HIS:G.I71YR
)ET-HA/N.E73GA(\$IB:(A71T YFMI75YM00 ⁵¹ W:/RF)F63H)ET-HA/N.E61GA(
 B.A/Y.O74WM? HA/\$:BIY(I81Y K.I75Y-PF&F70H HA/N.E33GA(03 14B.A/B.EGED
)O75W-BA/\$:TI70Y)O75W-BF/("33REB03)O74W BF/(O80WR L:/K091L?
):A\$ER-Y"(F&E71H HF/(O73WR LI/M:LF)KF92H CFRA94(AT MAM:)E91RET
 HA/N.E73GA(+FM"71) H75W.)00? ⁵² W:/&FRA63P)ET-HA/B.E61GED)O71W
)E75T-HA/\$:TI74Y05)O74W)ET-HF/("81REB B.A/C.E33MER03)O74W BA/P.I\$:T.I80YM?
 10)OW)ET-K.FL-K.:LI74Y HF/(O80WR):A\$ER-YIH:YE71H B/O73W HA/N.F92GA(
 K.I75Y-CFRA70(AT MAM:)E33RET03 HI80W)? B.F/)"73\$ T.I&.FR"75P00 ⁵³ W:/)IM02
 YIR:)E74H HA/K.OH"N01 W:/HIN."H03 LO)-PF&F74H HA/N.E80GA(B.A/B.E85GED
)O71W? BA/\$:TI73Y)O74W BF/("92REB)O73W B.:/KFL-K.:LIY-(O75WR00
⁵⁴ W:/CIW.FH03 HA/K.OH"80N W:/KI63B.:S80W.)"71T):A\$ER-?B./O73W HA/N.F92GA(
 W:/HIS:G.IYR/O71W \$IB:(AT-YFMI73YM \$"NI75YT00 ⁵⁵ W:/RF)F63H HA/K.OH"61N
)AX:AR"74Y05 HUK.AB."74S?)ET-HA/N.E81GA(14W:/HIN."H LO75)-HFPA63K:
 HA/N.E70GA()ET-("YN/OW03 W:/HA/N.E74GA(LO75)-PF&F80H +FM"74) H80W.)?
 B.F/)"73\$ T.I&:R:P/E92N.W. P.:XE74TET HI80W) B.:/QFRAX:T./O73W)O71W
 B:/GAB.AX:T./O75W00 ⁵⁶ W:/)IM02 RF)F74H HA/K.OH"N01? W:/HIN."H03 K."HF74H
 HA/N.E80GA()AX:AR"73Y HUK.AB."74S)OT/O92W W:/QFRA74()OT/O81W
 MIN-HA/B.E33GED03)O74W MIN-?HF/(O80WR)O71W MIN-HA/\$:TI73Y)O71W
 MIN-HF/("75REB00 ⁵⁷ W:/)IM-T."RF)E63H (O61WD 14B.A/B.EGED)O75W-?BA/\$:TI70Y
)O75W-BF/("33REB03)O74W B:/KFL-K.:LIY-(O80WR P.ORA73XAT HI92W) B.F/)"74\$
 T.I&:R:P/E80N.W.)"71T?):A\$ER-B./O73W HA/N.F75GA(00 ⁵⁸ W:/HA/B.E83GED
)O75W-HA/\$:TI63Y)OW-HF/("61REB)O75W-KFL-K.:LI70Y HF/(OWR03?):A\$E74R
 T.:KAB."80S W:/SF71R M"/HE73M HA/N.F92GA(W:/KUB.A71S \$"NI73YT W:/+FH"75R00
⁵⁹ 14ZO)T T.OWRA63T NE75GA(-?CFRA61(AT B.E71GED HA/C.E74MER05)O74W
 HA/P.I\$:T.I81YM)O70W HA/\$:TIY03)O74W HF/("80REB)O73W K.FL-K.:LIY-?(O92WR
 L:/+AH:AR/O73W)O71W L:/+AM.:)/O75W00 **14** ¹ WA/Y:DAB."71R Y:HWF73H

MOSE71H L.")MO75R00 ² ZO70)T T.I75H:YEH03 T.OWRA74T HA/M.:CORF80(?
 B.:YO73WM +FH:FRFT/O92W W:/HW.BF73))EL-HA/K.OH"75N00 ³ W:/YFCF)03
 HA/K.OH"80N)EL-MI/X73W.C LA75/M.AX:ANE92H? W:/RF)FH03 HA/K.OH"80N
 W:/HIN."91H NIR:P.F71) NE75GA(-HA/C.FRA73(AT MIN-HA/C.FR75W.(A00
⁴ W:/CIW.FH03 HA/K.OH"80N? W:/LFQA94X LA/M.I+.AH"91R \$.T."75Y-CIP.:FRI71YM
 XAY.O73WT +:HORO92WT W:/("74C)E80REZ W:/\$.NI71Y TOWLA73(AT? W:/)"ZO75B00
⁵ W:/CIW.FH03 HA/K.OH"80N W:/\$FXA73+)ET-HA/C.IP.O74WR HF/)EXF92T
)EL-K.:LIY-XE73RE& (AL-?MA71YIM XAY.I75YM00 ⁶)ET-HA/C.IP.O70R
 HA75/XAY.FH03 YIQ.A74X)OT/F80H. W:/)ET-("71C HF/)E91REZ W:/)ET-?\$.NI71Y
 HA/T.OWLA73(AT W:/)ET-HF/)ZO92B W:/+FBA63L)OWT/F61M W:/)"74T05
 HA/C.IP.O74R HA95/XAY.F81H B.:DAM03? HA/C.IP.O74R HA/\$.:XU+F80H (A73L
 HA/M.A71YIM HA95/XAY.I75YM00 ⁷ W:/HIZ.F81H (A94L HA/M.I+.AH"91R
 MIN-?HA/C.FRA73(AT \$E74BA(P.:(FMI92YM W:/+I74H:AR/O80W W:/\$.L.A91X
)ET-HA/C.IP.O71R HA75/XAY.F73H (AL-P.:N"71Y? HA/&.FDE75H00 ⁸ W:/KIB.ES04
 HA/M.I+.AH"63R)ET-B.:GFDF61Y/W W:/GIL.A74X)ET-K.FL-&:(FR/O81W W:/RFXA70C?
 B.A/M.A33YIM03 W:/+FH"80R W:/)AXA73R YFBO74W))EL-HA75/M.AX:ANE92H
 W:/YF\$A91B MI/X71W.C L:/)FH:FL/O73W \$IB:(A71T? YFMI75YM00 ⁹ W:/HFYFH04
 BA/Y.O63WM HA/\$.:BIY(I61Y Y:GAL.A74X)ET-K.FL-&:(FR/O81W)ET-RO)\$O70W
 W:/)ET-?Z:QFN/OW03 W:/)"T03 G.AB.O74T ("YNF80Y/W W:/)ET-K.FL-&:(FR/O73W
 Y:GAL."92XA W:/KIB.E74S)ET-B.:GFDF81Y/W W:/RFXA94C?)ET-B.:&FR/O91W
 B.A/M.A73YIM W:/+FH"75R00 ¹⁰ W:/BA/Y.O74WM HA/\$.:MIYNI81Y YIQ.A70X
 \$.N"75Y-K:BF&IYM03? T.:MIYMI80YM W:/KAB:&F71H)AXA91T B.AT-\$.NFT/73H.
 T.:MIYMF92H W:/\$.LO\$F74H (E&:RONI81YM SO70LET? MIN:XFH03 B.:LW.LF74H
 BA/\$.E80MEN W:/LO71G)EXF73D \$F75MEN00 ¹¹ W:/HE(:EMI62YD HA/K.OH"74N
 HA75/M:AH"81R?)"91T HF/)I71Y\$ HA/M.I+.AH"73R W:/)OT/F92M LI/P:N"74Y
 Y:HWF80H P.E73TAX)O71HEL MOW("75D00 ¹² W:/LFQA63X? HA/K.OH"61N
)ET-HA/K.E74BE& HF/)EXF81D W:/HIQ:RI71YB)OT/O91W L:/)F\$F73M W:/)ET-LO74G
 HA/\$.F92MEN W:/H"NI71Y?)OT/F91M T.:NW.PF73H LI/P:N"71Y Y:HWF75H00
¹³ W:/\$FXA74+)ET-HA/K.E81BE& 14B.I/M:QOWM):A\$E63R YI\$:XA94+?
)ET-HA75/XA+.F91)T W:/)ET-HF/(OLF73H B.I/M:QO74WM HA/Q.O92DE\$ K.I83Y
 14K.A/XA+.F)T HF/)F\$F71M HW.)03? LA/K.OH"80N QO71DE\$ QF95DF\$173YM H75W.)00
¹⁴ W:/LFQA74X HA/K.OH"N02 MI/D.A74M HF/)F\$FM01 W:/NFTAN03 HA/K.OH"80N?
 (AL-T.:N91W.K:)O71ZEN HA/M.I+.AH"73R HA/Y:MFNI92YT W:/)AL-B.O70HEN
 YFD/OW03 HA/Y:MFNI80YT W:/)AL-B.O71HEN RAG:L/O73W? HA/Y:MFNI75YT00
¹⁵ W:/LFQA71X HA/K.OH"73N MI/L.O74G HA/\$.F92MEN W:/YFCA91Q (AL-K.A71P
 HA/K.OH"73N HA/&.:MF)LI75YT00? ¹⁶ W:/+FBA70L HA/K.OH"N03)ET-)EC:B.F/(O74W
 HA/Y:MFNI80YT MIN-HA/\$.E85MEN):A\$E71R (AL-K.AP./O73W? HA/&.:MF)LI92YT
 W:/HIZ.F63H MIN-HA/\$.E94MEN B.:)EC:B.F/(O91W \$E71BA(P.:(FMI73YM LI/P:N"71Y
 Y:HWF75H00? ¹⁷ W:/MI/Y.E63TER HA/\$.E61MEN):A\$E74R (AL-K.AP./O81W YIT."70N
 HA/K.OH"N03 (AL-T.:N62W.K:)O70ZEN HA/M.I+.AH"R03? HA/Y:MFNI80YT
 W:/)AL-B.O70HEN YFD/OW03 HA/Y:MFNI80YT W:/)AL-B.O71HEN RAG:L/O73W
 HA/Y:MFNI92YT (A73L D.A71M? HF/)F\$F75M00 ¹⁸ W:/HA/N.OWTF81R B.A/\$.E33MEN03
):A\$ER03 (AL-K.A74P HA/K.OH"80N YIT."73N (AL-RO74)\$ HA/M.I+.AH"92R?
 W:/KIP.E71R (FLF91Y/W HA/K.OH"73N LI/P:N"71Y Y:HWF75H00 ¹⁹ W:/)F&F70H
 HA/K.OH"N03)ET-HA74/XA+.F80)T W:/KIP.E85R? (AL-HA/M.I+.AH"73R
 MI/+.UM:)FT/O92W W:/)AXA73R YI\$:XA71+)ET-HF/(OLF75H00 ²⁰ W:/HE(:ELF94H
 HA/K.OH"91N?)ET-HF/(OLF71H W:/)ET-HA/M.IN:XF73H HA/M.IZ:B."92X/FH
 W:/KIP.E71R (FLF91Y/W HA/K.OH"73N W:/+FH"75R00 ²¹ W:/)IM-D.A74L H81W.)
 W:/)"74YN YFD/OW02 MA&.EGET01 14W:/LFQAX K.E74BE&)EXF71D)F\$F91M
 LI/T:NW.PF73H? L:/KAP."74R (FLF92Y/W W:/)I&.FRO63WN SO61LET)EXF63D
 B.FL71W.L B.A/\$.E91MEN L:/MIN:XF73H W:/LO71G \$F75MEN00? ²² W:/\$.T."74Y
 TORI81YM)O70W \$.N"Y03 B.:N"74Y YOWNF80H):A\$E71R T.A&.I73YG YFD/O92W
 W:/HFYF70H)EXFD03 XA+.F80)T? W:/HF/)EXF73D (OLF75H00 ²³ W:/H"BI63Y))OT/F61M
 B.A/Y.O94WM HA/\$.:MIYNI91Y L:/+FH:FRFT/O73W)EL-HA/K.OH"92N?)EL-P.E71TAX
)O75HEL-MOW("73D LI/P:N"71Y Y:HWF75H00 ²⁴ W:/LFQA94X HA/K.OH"91N
)ET-K.E71BE& HF/)F\$F73M? W:/)ET-LO74G HA/\$.F92MEN W:/H"NI63YP)OT/F94M
 HA/K.OH"91N T.:NW.PF73H LI/P:N"71Y Y:HWF75H00 ²⁵ W:/\$FXA+02)ET-?K.E74BE&

HF75/)F\$FM01 W:/LFQA70X HA/K.OH"N03 MI/D.A74M HF75/)F\$F80M W:/NFTA91N
 (AL-T.:N71W.K:)O75ZEN-HA/M.I+.AH"73R? HA/Y:MFNI92YT W:/(AL-B.O70HEN
 YFD/OW03 HA/Y:MFNI80YT W:/(AL-B.O71HEN RAG:L/O73W HA/Y:MFNI75YT00
²⁶ W:/MIN-HA/\$.E73MEN? YICO74Q HA/K.OH"92N (AL-K.A71P HA/K.OH"73N
 HA/&.:MF)LI75YT00 ²⁷ W:/HIZ.F70H HA/K.OH"N03 B.:/)EC:B.F/(O74W? HA/Y:MFNI80YT
 MIN-HA/\$.E85MEN):A\$E71R (AL-K.AP./O73W HA/&.:MF)LI92YT \$E71BA(P.:FMI73YM
 LI/P:N"71Y? Y:HWF75H00 ²⁸ W:/NFTA63N HA/K.OH"61N MIN-HA/\$.E74MEN05):A\$E74R
 (AL-K.AP./O81W (AL-T.:N62W.K:)O70ZEN HA/M.I+.AH"R03? HA/Y:MFNI80YT
 W:/(AL-B.O70HEN YFD/OW03 HA/Y:MFNI80YT W:/(AL-B.O71HEN RAG:L/O73W
 HA/Y:MFNI92YT (AL-M:QO73WM D.A71M? HF/)F\$F75M00 ²⁹ W:/HA/N.OWTF81R
 MIN-HA/\$.E33MEN03):A\$ER03 (AL-K.A74P HA/K.OH"80N]3 YIT."73N (AL-RO74)\$?
 HA/M.I+.AH"92R L:/KAP."71R (FLF73Y/W LI/P:N"71Y Y:HWF75H00 ³⁰ W:/(F&F70H
)ET-HF75/)EXFD03 MIN-HA/T.ORI80YM?)O73W MIN-B.:N"74Y HA/Y.OWNF92H
 M"/):A\$E71R T.A&.I73YG YFD/O75W00 ³¹)"74T):A\$ER-T.A&.I62YG YFD/O81W
)ET-?HF/)EXF71D XA+.F91)T W:)/ET-HF/)EXF71D (OLF73H (AL-HA/M.IN:XF92H
 W:/KIP.E94R HA/K.OH"91N (A71L? HA/M.I+.AH"73R LI/P:N"71Y Y:HWF75H00 ³² ZO74)T
 T.OWRA80T):A\$ER-B./O73W NE74GA(CFRF92(AT):A\$E91R LO75)-?TA&.I71YG
 YFD/O73W B.:+FH:FRFT/O75W00 ³³ WA/Y:DAB."74R Y:HWF80H)EL-MO\$E71H
 W:)/E75L-)AH:ARO73N L"/)MO75R00 ³⁴ K.I70Y TFBO33)W.03)EL-?)E74REC K.:NA80(AN
):A\$E71R):ANI91Y NOT"71N L/FKE73M LA):AXUZ.F92H W:/NFTAT.IY03 NE74GA(
 CFRA80(AT B.:B"73YT)E71REC?):AXUZ.AT/:KE75M00 ³⁵ W:/BF)03):A\$ER-L/O74W
 HA/B.A80YIT W:/HIG.I71YD LA/K.OH"73N L"/)MO92R K.:/NE85GA(NIR:)F71H L/I73Y?
 B.A/B.F75YIT00 ³⁶ W:/CIW.F63H HA/K.OH"61N W:/PIN.74W.)ET-HA/B.A81YIT
 B.:+E63REM YFBO70) HA/K.OH"N03 LI/R:)O74WT?)ET-HA/N.E80GA(W:/LO71)
 YI+:MF73) K.FL-):A\$E74R B.A/B.F92YIT W:)/A71XAR K."91N YFBO71) HA/K.OH"73N
 LI/R:)O71WT?)ET-HA/B.F75YIT00 ³⁷ W:/RF)F74H)ET-HA/N.E81GA(W:/HIN."70H
 HA/N.E33GA(03 B.:/QIYRO74T HA/B.A80YIT \$:QA75(:ARW.ROT03? Y:RAQ:RAQ.O80T
)O73W):ADAM:D.AM.O92T W:/MAR:)Y/HE71N \$FPF73L MIN-HA/Q.I75YR00
³⁸ W:/YFCF94) HA/K.OH"91N? MIN-HA/B.A73YIT)EL-P.E74TAX HA/B.F92YIT
 W:/HIS:G.I71YR)ET-HA/B.A73YIT \$IB:(A71T YFMI75YM00 ³⁹ W:/F\$71B? HA/K.OH"73N
 B.A/Y.O74WM HA/\$.:BIY(I92Y W:/RF)F85H W:/HIN."91H P.F&F71H HA/N.E73GA(
 B.:/QIYRO71T HA/B.F75YIT00 ⁴⁰ W:/CIW.FH03? HA/K.OH"80N W:/XIL.:CW.03
)ET-HF74/):ABFNI80YM):A\$E71R B./FH"73N HA/N.F92GA(W:/HIS:LI70YKW.
)ET:HEN03)EL-?MI/X74W.C LF/(I80YR)EL-MFQO73WM +FM"75)00
⁴¹ W:)/ET-HA/B.A91YIT YAQ:CI71(A MI/B.A73YIT SFB192YB? W:/F\$P:K81W.
)ET-HE75/(FPFR03):A\$E74R HIQ:C80W.)EL-MI/X74W.C LF/(I80YR)EL-MFQO73WM
 +FM"75)00? ⁴² W:/LFQ:XW.03):ABFNI74YM):AX"RO80WT W:/H"BI73Y)W.
)EL-T.A74XAT HF/):ABFNI92YM W:/(FPF71R)AX"91R? YIQ.A73X W:/+F71X
)ET-HA/B.F75YIT00 ⁴³ W:/IM-YF\$70W.B HA/N.E33GA(03 W:/PFRA74X B.A/B.A80YIT
)AXA73R XIL."74C?)ET-HF/):ABFNI92YM W:)/AX:AR"91Y HIQ:CO71WT
)ET-HA/B.A73YIT W:)/AX:AR"71Y HI+.O75WXA00 ⁴⁴ W:/BF)03? HA/K.OH"80N
 W:/RF)F85H W:/HIN."91H P.F&F71H HA/N.E73GA(B.A/B.F92YIT CFRA63(AT
 MAM:)E71RET HI91W) B.A/B.A73YIT? +FM"71) H75W.)00 ⁴⁵ W:/NFTA74C
)ET-HA/B.A81YIT)ET-):ABFNFY/W03 W:)/ET-("CF80Y/W W:)/"73T K.FL-(:APA74R?
 HA/B.F92YIT W:/HOWCIY)03)EL-MI/X74W.C LF/(I80YR)EL-MFQO73WM +FM"75)00
⁴⁶ W:/HA/B.F)03)EL-?HA/B.A80YIT K.FL-Y.M"73Y HIS:G.I74YR)OT/O92W YI+:MF73)
 (AD-HF/(F75REB00 ⁴⁷ W:/HA/\$.OK"74B B.A/B.A80YIT Y:KAB."73S?)ET-B.:GFDF92Y/W
 W:/HF/)OK"74L B.A/B.A80YIT Y:KAB."73S)ET-B.:GFDF75Y/W00 ⁴⁸ W:)/IM-B.O63)
 YFBO61) HA/K.OH"81N? W:/RF)FH03 14W:/HIN."H LO)-PF&F70H HA/N.E33GA(03
 B.A/B.A80YIT)AX:AR"73Y HI+.O74XA)ET-HA/B.F92YIT W:/+IHA70R? HA/K.OH"N03
)ET-HA/B.A80YIT K.I71Y NIR:P.F73) HA/N.F75GA(00 ⁴⁹ W:/LFQA91X L:/XA+."71)
)ET-HA/B.A73YIT \$:T."74Y? CIP.:FRI92YM W:/("74C)E80REZ W:/\$.NI71Y TOWLA73(AT
 W:/)"ZO75B00 ⁵⁰ W:/F\$XA73+)ET-HA/C.IP.O74R HF/)EXF92T?)EL-K.:LIY-XE73RE&
 (AL-MA71YIM XAY.I75YM00 ⁵¹ W:/LFQA74X)ET-("75C-14HF)EREZ
 W:)/ET-HF63/)"ZO61B? W:)/"74T05 \$:NI74Y HA/T.OWLA81(AT W:)/"T02 HA/C.IP.O74R
 HA95/XAY.FH01 W:/+FBA74L)OT/F81M B.:/DAM03 HA/C.IP.O74R? HA/\$.:XW.+F80H
 W:/BA/M.A73YIM HA75/XAY.I92YM W:/HIZ.F71H)EL-HA/B.A73YIT \$E71BA(

P.: (FMI75YM00⁵² W:/XI+."74))ET-?HA/B.A80YIT B.:/DAM03 HA/C.IP.O80WR
W./BA/M.A73YIM HA75/XAY.I92YM W./BA/C.IP.O74R HA/XAY.F81H W./B:/"71C
HF/)E91REZ W./BF/) "ZO73B? W./BI\$:NI71Y HA/T.OWLF75(AT00⁵³ W:/\$IL.A62X
)ET-HA/C.IP.O94R HA75/XAY.F91H)EL-MI/X71W.C LF/(I73YR)EL-?P.:N"74Y
HA/&.FDE92H W:/KIP.E71R (AL-HA/B.A73YIT W:/+FH"75R00⁵⁴ ZO73)T HA/T.OWRF92H
L:/KFL-NE71GA(HA/C.FRA73(AT? W:/LA/N.F75TEQ00⁵⁵ W:/L:/CFRA71(AT
HA/B.E73GED W:/LA/B.F75YIT00⁵⁶ W:/LA/&:)"71T W:/LA/S.AP.A73XAT
W:/LA/B.EHF75RET00? ⁵⁷ L:/HOWRO85T B.:/YO71WM HA/+.FM"73) W./B:/YO74WM
HA/+.FHO92R ZO71)T T.OWRA73T HA/C.FRF75(AT00 **15** ¹ WA/Y:DAB."74R Y:HWF80H
)EL-MO\$E71H W:/)E75L-)AH:ARO73N L"/)MO75R00 ² D.AB.:RW.03)EL-?B.:N"74Y
YI&.RF)"80L WA):AMAR:T.E73M):AL/"HE92M)I74Y\$)I81Y\$ K.I70Y YIH:YEH03 ZF74B
MI/B.:&FR/O80W ZOWB/O73W? +FM"71) H75W.)00 ³ W:/ZO91)T T.IH:YE71H
+UM:)FT/O73W B.:/ZOWB/O92W RF74R B.:&FR/O62W)ET-ZOWB/O81W
)O75W-?HEX:T.I70YM]3 B.:&FR/OW03 MI/Z.OWB/O80W +UM:)FT/O73W HI75W)00
⁴ K.FL-HA/M.I\$:K.F81B):A\$E63R YI\$:K.A71B? (FLF91Y/W HA/Z.F73B YI+:MF92)
W:/KF75L-HA/K.:LI91Y):A\$ER-Y"\$71B (FLF73Y/W YI+:MF75)00 ⁵ W:/)I85Y\$):A\$E71R?
YIG.A73(B.:MI\$:K.FB/O92W Y:KAB."94S B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM
W:/+FM"71) (AD-HF/(F75REB00 ⁶ W:/HA/Y.O\$B03? (A75L-HA/K.:LI80Y):A\$ER-Y"\$71B
(FLF73Y/W HA/Z.F92B Y:KAB."94S B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM
W:/+FM"71) (AD-?HF/(F75REB00 ⁷ W:/HA/N.OG"73(A B.I/B:&A74R HA/Z.F92B
Y:KAB."94S B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM W:/+FM"71)
(AD-?HF/(F75REB00 ⁸ W:/KI75Y-YFRO91Q HA/Z.F73B B.A/+.FHO92WR W:/KIB.E94S
B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM W:/+FM"71)? (AD-HF/(F75REB00
⁹ W:/KFL-HA/M.ER:K.F81B):A\$E63R YIR:K.A71B (FLF91Y/W HA/Z.F73B YI+:MF75)00
¹⁰ W:/KFL-?HA/N.OG"81(A B.:/KOL03):A\$E74R YIH:YE74H TAX:T.F80Y/W YI+:MF73)
(AD-HF/(F92REB W:/HA/N.OW&"74))OWT/F80M Y:KAB."94S? B.:GFDF91Y/W
W:/RFXA71C B.A/M.A73YIM W:/+FM"71) (AD-HF/(F75REB00 ¹¹ W:/KO63L):A\$E70R
YIG.A(-B./OW03 HA/Z.F80B? W:/YFDF73Y/W LO)-\$F+A74P B.A/M.F92YIM W:/KIB.E94S
B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM W:/+FM"71) (AD-HF/(F75REB00?
¹² W:/K:LIY-XE91RE&):A\$ER-YIG.A(-B./O71W HA/Z.F73B YI\$.FB"92R
W:/KFL-K.:LIY-("80C YI\$.F+"73P B.A/M.F75YIM00? ¹³ W:/KI75Y-YI+:HA70R HA/Z.FB03
MI/Z.OWB/O80W W:/SF63PAR L/O61W \$IB:(A71T YFMI91YM L:/+FH:FRFT/O73W
W:/KIB.E74S B.:GFDF92Y/W? W:/RFXA94C B.:&FR/O91W B.:/MA71YIM XAY.I73YM
W:/+FH"75R00 ¹⁴ W:/BA/Y.O74WM HA\$:A\$:MIYNI81Y YI75Q.A75X-L/OW03 \$:T."74Y?
TORI80YM)O71W \$:N"73Y B.:N"74Y YOWNF92H W./BF74)05 LI/P:N"74Y Y:HWF81H
)EL-P.E33TAX03)O74HEL MOW("80D W:/N:TFN/F73M?)EL-HA/K.OH"75N00
¹⁵ W:/)F&F70H)OT/FM03 HA/K.OH"80N)EXF74D XA+.F80)T W:/HF/)EXF73D (OLF92H
W:/KIP.E63R? (FLF94Y/W HA/K.OH"91N LI/P:N"71Y Y:HWF73H MI/Z.OWB/O75W00
¹⁶ W:/)I85Y\$ K.I75Y-T"C"71) MI/M.E73N.W.? \$IK:BAT-ZF92RA(W:/RFXA71C
B.A/M.A91YIM)ET-K.FL-B.:&FR/O73W W:/+FM"71) (AD-HF/(F75REB00
¹⁷ W:/KFL-?B.E74GED W:/KFL-(O80WR):A\$ER-YIH:YE71H (FLF73Y/W \$IK:BAT-ZF92RA(
W:/KUB.A71S B.A/M.A73YIM W:/+FM"71)? (AD-HF/(F75REB00 ¹⁸ W:/)I\$.F85H):A\$E63R
YI\$:K.A71B)I91Y\$)OT/F73H. \$IK:BAT-ZF92RA(? W:/RFX:AC74W. BA/M.A80YIM
W:/+FM:)73W. (AD-HF/(F75REB00 ¹⁹ W:/)I\$.FH03 K.I75Y-TIH:YE74H ZFBF80H D.F91M
YIH:YE71H? ZOB/F73H. B.I/B:&FR/F92H. \$IB:(A70T YFMIYM03 T.IH:YE74H
B:/NID.FT/F80H. W:/KFL-HA/N.OG"71(A B./F73H. YI+:MF71) (AD-?HF/(F75REB00
²⁰ W:/KOL04):A\$E63R T.I\$:K.A71B (FLF91Y/W B.:/NID.FT/F73H. YI+:MF92) W:/KO91L
):A\$ER-T."\$71B? (FLF73Y/W YI+:MF75)00 ²¹ W:/KFL-HA/N.OG"73(A B.:MI\$:K.FB/F92H.
Y:KAB."94S B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM W:/+FM"71)?
(AD-HF/(F75REB00 ²² W:/KFL-HA/N.OG"80(A B.:/KFL-K.:LI73Y):A\$ER-T."\$74B
(FLF92Y/W Y:KAB."94S? B.:GFDF91Y/W W:/RFXA71C B.A/M.A73YIM W:/+FM"71)
(AD-HF/(F75REB00 ²³ W:/)I63M (A75L-HA/M.I\$:K.F61B H81W.))O94W?
(A75L-HA/K.:LI91Y):A\$ER-HI71W) YO\$E75BET-(FLF73Y/W B.:/NFG:/OW-B/O92W
YI+:MF73) (AD-HF/(F75REB00? ²⁴ W:/)I83M \$FKOB04 YI\$:K.A63B)I61Y\$)OT/F81H.
W:/T:HI70Y NID.FT/FH.03 (FLF80Y/W W:/+FM"73) \$IB:(A74T YFMI92YM?
W:/KFL-HA/M.I\$:K.F91B):A\$ER-YI\$:K.A71B (FLF73Y/W YI+:MF75)00 ²⁵ W:/)I\$.F83H
K.I75Y-YFZW.B04? ZO63WB D.FM/F61H. YFMI74YM RAB.I81YM B.:/LO)03

NID.FT/F80H.)O71W KI75Y-TFZ73W.B (AL-NID.FT/F92H. K.FL-?Y:M"62Y ZO74WB
 +UM;)FT/F81H. K.I/YM"94Y NID.FT/F91H. T.IH:YE73H +:M")F71H HI75W)00
²⁶ K.FL-HA/M.I\$:K.F62B?):A\$ER-T.I\$:K.A70B (FLFY/W03 K.FL-Y:M"74Y ZOWB/F80H.
 K.:/MI\$:K.A71B NID.FT/F73H. YI75H:YEH-L./F92H. W:/KF75L-?HA/K.:LIY03):A\$E74R
 T."\$74B (FLF80Y/W +FM"74) YIH:YE80H K.:/+UM:)A73T NID.FT/F75H.00
²⁷ W:/KFL-HA/N.OWG"71(A? B./F73M YI+:MF92) W:/KIB.E94S B.:GDFD91Y/W
 W:/RFXA71C B.A/M.A73YIM W:/+FM"71) (AD-HF/(F75REB00 ²⁸ W:/)I75M-?+FH:ARF73H
 MI/Z.OWB/F92H. W:/SF71P:RFH L./F91H. \$IB:(A71T YFMI73YM W:/)AXA71R
 T.I+:HF75R00 ²⁹ W./BA/Y.O74WM? HA/\$.:MIYNI81Y T.I75Q.A75X-L/FH.03 \$.T."74Y
 TORI80YM)O71W \$.N"73Y B.:N"74Y YOWNF92H W:/H"BIY)F70H)OWT/FM03
)EL-?HA/K.OH"80N)EL-P.E73TAX)O71HEL MOW("75D00 ³⁰ W:/F&F70H HA/K.OH"NO3
)ET-HF/)EXF74D XA+.F80)T? W:/)ET-HF/)EXF73D (OLF92H W:/KIP.E63R (FLE70Y/HF
 HA/K.OH"N03 LI/P:N"74Y Y:HWF80H MI/Z.O73WB +UM;)FT/F75H.00?
³¹ W:/HIZ.AR:T.E71M)ET-B.:N"Y-YI&:RF)"73L MI/+UM;)FT/F92M W:/LO70)
 YFMU33TW.03 B.:/+UM;)FT/F80M B.:/+AM.:)/F71M?)ET-MI\$:K.FN/I73Y):A\$E71R
 B.:/TOWK/F75M00 ³² ZO71)T T.OWRA73TJ3 HA/Z.F92B WA):A\$E63R T."C"71)?
 MI/M.E91N.W. \$IK:BAT-ZE73RA(L:/+FM;)FH-B/F75H.00 ³³ W:/HA/D.FWFH03
 B.:/NID.FT/F80H. W:/HA/Z.FB03)ET-ZOWB/O80W? LA/Z.FKF73R W:/LA/N.:Q"BF92H
 W./L:/)I85Y\$):A\$E71R YI\$:K.A73B (IM-+:M")F75H00 **16** ¹ WA/Y:DAB."70R Y:HWFH03
)EL-MO\$E80H)AX:AR"74Y MO80WT \$.N"73Y B.:N"74Y)AH:ARO92N
 B.:/QFR:BFT/F71M? LI/P:N"Y-Y:HWF73H WA/Y.FMU75TW.00 ² WA/Y.O63)MER
 Y:HWF61H)EL-MO\$E81H D.AB."R02)EL-)AH:ARO74N)FXIY/KF01? W:/)AL-YFBO70)
 B:/KFL-("T03)EL-HA/Q.O80DE\$ MI/B."73YT LA/P.FRO92KET)EL-P.:N"63Y
 HA/K.AP.O61RET?):A\$E70R (AL-HF/)FRON03 W:/LO74) YFM80W.T 10K.IY
 B.E75/(FNF80N)"RF)E73H (AL-HA/K.AP.O75RET00 ³ B.:/ZO91)T? YFBO71))AH:ARO73N
)EL-HA/Q.O92DE\$ B.:/PA94R B.EN-B.FQF91R L:/XA+.F73)T W:/)A71YIL L:/OLF75H00?
⁴ K.:TO75NET-B.A63D QO61DE\$ YIL:B.F81\$ W:/MI75K:N:S"Y-BAD02 YIH:Y74W.
 (AL-B.:&FR/OW01 W./B:/)AB:N"71+ B.AD03? YAX:G.O80R W./B:/MIC:NE71PET B.A73D
 YIC:NO92P B.IG:D"Y-QO74DE\$ H"80M W:/RFXA71C B.A/M.A91YIM)ET-B.:&FR/O73W?
 W./L:B"\$F75M00 ⁵ W./M")"81T (:ADAT03 B.:N"74Y YI&:RF)"80L YIQ.A91X
 \$.N"75Y-&:(IYR"71Y (IZ.I73YM L:/XA+.F92)T? W:/)A71YIL)EXF73D L:/OLF75H00
⁶ W:/HIQ:RI94YB)AH:ARO91N)ET-P.A71R HA/XA+.F73)T):A\$ER-L/O92W W:/KIP.E71R?
 B.A:/AD/O73W W./B:(A71D B."YT/O75W00 ⁷ W:/LFQA73X)ET-\$.N"74Y HA/&:(IYRI92M
 W:/HE(:EMI70YD)OT/FM03 LI/P:N"74Y? Y:HWF80H P.E73TAX)O71HEL MOW("75D00
⁸ W:/NFTA94N)AH:ARO91N (AL-\$.N"71Y HA/&:(IYRI73M G.OWRFLO92WT?
 G.OWRF70L)EXFD03 LA/YHWF80H W:/GOWRF71L)EXF73D LA/(:AZF)Z"75L00
⁹ W:/HIQ:RI70YB)AH:ARON03)ET-?HA/&F(I80YR):A\$E63R (FLF71H (FLF91Y/W
 HA/G.OWRF73L LA/YHWF92H W:/F&F73HW. XA+.F75)T00 ¹⁰ W:/HA/&F(I81YR?
):A\$ER04 (FLF63H (FLF70Y/W HA/G.OWRFLO3 LA/(:AZF)Z"80L YF75(:FMAD-XA91Y
 LI/P:N"71Y Y:HWF73H L:/KAP."74R (FLF92Y/W? L:/\$AL.A71X)OT/O91W LA/(:AZF)Z"73L
 HA/M.ID:B.F75R/FH00 ¹¹ W:/HIQ:RI63YB)AH:ARO61N)ET-P.A70R? HA75/XA+.F)T03
):A\$ER-L/O80W W:/KIP.E71R B.A75(:AD/O73W W./B:(A74D B."YT/O92W W:/\$FXA91+
)ET-P.A71R HA95/XA+.F73)T?):A\$ER-L/O75W00 ¹² W:/LFQA74X
 M:LO75)-14HA/M.AX:T.FH G.A75X:AL"Y-)"62\$ M"/(A70L HA/M.IZ:B."33XA03
 MI/L.I/P:N"74Y? Y:HWF80H W./M:LO74) XFP:NF80Y/W Q:+O71RET SAM.I73YM
 D.AQ.F92H W:/H"BI73Y) MI/B."71YT LA/P.FRO75KET00 ¹³ W:/NFTA94N?
)E75T-HA/Q.:+O91RET (AL-HF/)"73\$ LI/P:N"74Y Y:HWF92H W:/KIS.F74H05 (:ANA74N
 HA/Q.:+O81RET)ET-HA/K.AP.O91RET?):A\$E71R (AL-HF/("D73W.T W:/LO71)
 YFM75W.T00 ¹⁴ W:/LFQAX03 MI/D.A74M HA/P.F80R W:/HIZ.F94H B:/)EC:B.F(/O91W?
 (AL-P.:N"71Y HA/K.AP.O73RET Q"92D:M/FH W:/LI/P:N"74Y HA/K.AP.O81RET YAZ.E94H
 \$E75BA(-P.:FMI91YM MIN-HA/D.F73M? B.:/EC:B.F(/O75W00 ¹⁵ W:/\$FXA62+
)ET-&:(I70YR HA75/XA+.F)T03):A\$E74R LF/(F80M W:/H"BIY)03)ET-D.FM/O80W?
)EL-MI/B."73YT LA/P.FRO92KET W:/F&F74H)ET-D.FM/O81W K.A):A\$E70R (F&FH03
 L:/DA74M HA/P.F80R W:/HIZ.F71H?)OT/O91W (AL-HA/K.AP.O73RET W:/LI/P:N"71Y
 HA/K.AP.O75RET00 ¹⁶ W:/KIP.E74R (AL-HA/Q.O81DE\$ MI/+UM;)OT03? B.:N"74Y
 YI&:RF)"80L W./MI/P.I\$("Y/HE73M L:/KFL-XA+.O)T/F92M W:/K"70N YA:(A&EH03
 L:/O74HEL MOW("80D HA/\$.OK"74N?)IT/F80M B.:/TO73WK: +UM;)OT/F75M00

W:/KFL-)FDF62M LO)-YIH:YE74H05 B.:O74HEL MOW("81D B.:BO)/O91W?
L:/KAP."71R B.A/Q.O73DE\$ (AD-C")T/O92W W:/KIP.E70R B.A:(AD/OW03 W:/B:(A74D
B."YT/O80W W:/B:(A73D K.FL-Q:HA71L? YI&:RF)"75L00 ¹⁸ W:/YFCF81)
)EL-HA/M.IZ:B."91XA):A\$E71R LI/P:N"75Y-Y:HW73H W:/KIP.E74R (FLF92Y/W
W:/LFQA62X? MI/D.A70M HA/P.FR03 W:/MI/D.A74M HA/&.F(I80YR W:/NFTA91N
(AL-QAR:NO71WT HA/M.IZ:B."73XA SFB175YB00 ¹⁹ W:/HIZ.F63H? (FLF94Y/W
MIN-HA/D.F91M B.:)EC:B.F(O73W \$E74BA(P.:(FMI92YM W:/+IH:AR/O74W
W:/QID.:\$/O80W MI/+.UM:)O73T B.:N"71Y? YI&:RF)"75L00 ²⁰ W:/KIL.FH03 MI/K.AP."74R
)ET-HA/Q.O80DE\$ W:/)ET-)O71HEL MOW("73D W:/)ET-HA/M.IZ:B."92XA?
W:/HIQ:RI73YB)ET-HA/&.F(I71YR HE/XF75Y00 ²¹ W:/SFMA63K:)AH:ARO61N
)ET-\$:T."74Y **YFDF81Y/W (A63L RO74)\$? HA/&.F(IYR02 HA/XAY01 W:/HIT:WAD.F74H
(FLF81Y/W)ET-K.FL-(:AWONOT03 B.:N"74Y YI&:RF)"80L W:/)ET-K.FL-?P.IS:("Y/HE73M
L:/KFL-XA+.O)T/F92M W:/NFTA70N)OT/FM03 (AL-RO74)\$ HA/&.F(I80YR W:/SIL.A91X
B.:YAD-?)I71Y\$ (IT.I73Y HA/M.ID:B.F75R/FH00 ²² W:/NF&F63) HA/&.F(I71YR (FLF91Y/W
)ET-K.FL-(:AWONOT/F73M)EL-)E74REC? G.:Z"RF92H W:/SIL.A71X)ET-HA/&.F(I73YR
B.A/M.ID:B.F75R00 ²³ W:/BF70))AH:ARON03)EL-)O74HEL MOW("80D? W:/PF\$A+03
)ET-B.IG:D"74Y HA/B.F80D):A\$E71R LFBA73\$ B.:BO)/O74W)EL-HA/Q.O92DE\$
W:/HIN.IYX/F73M \$F75M00? ²⁴ W:/RFXA63C)ET-B.:&FR/O70W BA/M.A33YIM03
B.:MFQO74WM QFDO80W\$ W:/LFBA73\$)ET-B.:GFDF92Y/W W:/YFCF81) W:/F&F70H?
)ET-(O75LFT/OW03 W:/)ET-(OLA74T HF/(F80M W:/KIP.E71R B.A:(AD/O73W W:/B:(A71D
HF/(F75M00 ²⁵ W:/)91T X"71LEB? HA75/XA+.F73)T YAQ:+I71YR HA/M.IZ:B."75X/FH00
²⁶ W:/HA75/M:\$AL."70XA)ET-HA/&.F(IYR03 LA75/(:AZF)Z"80L Y:KAB."74S?
B.:GFDF80Y/W W:/RFXA71C)ET-B.:&FR/O73W B.A/M.F92YIM W:/)AX:AR"Y-K"73N
YFBO71W))EL-HA75/M.AX:ANE75H00 ²⁷ W:/)T04? P.A63R HA95/XA+.F61)T W:/)74T05
&:(I74YR HA75/XA+.F81)T):A\$E63R HW.BF70))ET-D.FM/FM03 L:/KAP."74R?
B.A/Q.O80DE\$ YOWCI73Y))EL-MI/X74W.C LA75/M.AX:ANE92H W:/&FR:P74W. BF/)80\$
)ET-(OROT/F71M W:/)ET-?B.:&FR/F73M W:/)ET-P.IR:\$/F75M00 ²⁸ W:/HA/&.OR"74P
)OT/F80M Y:KAB."74S B.:GFDF80Y/W W:/RFXA71C)ET-B.:&FR/O73W? B.A/M.F92YIM
W:/)AX:AR"Y-K"73N YFBO71W))EL-HA75/M.AX:ANE75H00 ²⁹ W:/HFY:TF71H L/FKE73M
L:/XUQ.A74T? (OWLF92M B.A/XO74DE\$ 14HA/\$.BIY(IY B.E75/(F&O63WR LA/XO61DE\$
T.:(AN.74W.)ET-NAP:\$O75T"Y/KE81M W:/KFL-?M:LF)KFH03 LO74) TA:(A&80W.
HF75)/EZ:RF80X W:/HA/G."73R HA/G.F71R B.:TOWK/:KE75M00 ³⁰ K.I75Y-BA/Y.O71WM
HA/Z.E91H? Y:KAP."71R (:AL"Y/KE73M L:/+AH"74R)ET/:KE92M MI/K.OL03
XA+.O74)T"Y/KE80M LI/P:N"71Y Y:HW73H T.I+:HF75RW.00? ³¹ \$AB.A63T
\$AB.FTO71WN HIY)03 L/FKE80M W:/IN.IYTE73M)ET-NAP:\$OT"Y/KE92M XUQ.A73T
(OWLF75M00? ³² W:/KIP.E63R HA/K.OH"61N):A\$ER-YIM:\$A74X)OT/O81W WA):A\$E70R
Y:MAL.")03)ET-YFD/O80W L:/KAH"73N T.A74XAT?)FBI92Y/W W:/LFBA91\$
)ET-B.IG:D"71Y HA/B.F73D B.IG:D"71Y HA/Q.O75DE\$00 ³³ W:/KIP.ER03)ET-MIQ:D.A74\$?
HA/Q.O80DE\$ W:/)ET-)O94HEL MOW("91D W:/)ET-HA/M.IZ:B."73XA Y:KAP."92R
W:/A94L HA/K.OH:ANI91YM W:/AL-?K.FL-(A71M HA/Q.FHF73L Y:KAP."75R00
³⁴ W:/HF75Y:TFH-Z.O63)T L/FKE61M L:/XUQ.A74T (OWLF81M L:/KAP."62R?
(AL-B.:N"70Y YI&:RF)"L03 MI/K.FL-XA+.O)T/F80M)AXA73T B.A/\$.FNF92H
WA/Y.A85(A& K.A):A\$E91R CIW.F71H Y:HW73H?)ET-MO\$E75H00
17 ¹ WA/Y:DAB."71R Y:HW73H)EL-MO\$E71H L:/)MO75R00 ² D.AB."63R
)E75L-AH:ARO61N W:/)EL-?B.FNF81Y/W W:/)EL03 K.FL-B.:N"74Y YI&:RF)"80L
W:/)FMAH:T.F73):AL"Y/HE92M ZE74H HA/D.FBF80R):A\$ER-CIW.F71H Y:HW73H?
L:/)MO75R00 ³)I71Y\$)IY\$03 MI/B."74YT YI&:RF)"80L):A\$E63R YI\$XA61+ \$O71WR
)OW-KE91&EB)OW-("73Z? B.A75/M.AX:ANE92H 10)OW):A\$E74R YI\$XA80+
MI/X73W.C LA75/M.AX:ANE75H00 ⁴ W:/)EL-P.E61TAX)O74HEL MOW("D02 LO74)?
H:EBIY)/OW01 L:/HAQ:RI70YB QFR:B.FN03 LA75/YHWF80H LI/P:N"73Y MI\$K.A74N
Y:HW73H D.F74M Y"XF\$62B LF/I70Y\$? HA/HW.)03 D.F74M \$FPF80K: W:/NIK:RA91T
HF/I71Y\$ HA/H73W.) MI/Q.E71REB (AM./O75W00 ⁵ L:MA(AN04):A\$E63R? YFBI61YJW.
B.:N"74Y YI&:RF)"81L)E75T-ZIB:X"Y/HEM02):A\$E74R H"74M ZOB:XIYM02
(AL-P.:N"74Y HA/&.FDEH01? WE95/H:EBIY)U74/M LA75/YHWF81H)EL-P.E91TAX
)O71HEL MOW("73D)EL-HA/K.OH"92N W:/ZF63B:X61W. ZIB:X"94Y \$:LFMI91YM?
LA75/YHWF73H)OWT/F75M00 ⁶ W:/ZFRA63Q HA/K.OH"70N)ET-HA/D.FM03
(AL-MIZ:B.A74X Y:HW780H P.E73TAX)O74HEL? MOW("92D W:/HIQ:+I74YR

HA/X"80LEB L:/R"71YXA NIYXO73XA LA/YHWF75H00 7 W:/LO)-YIZ:B:X71W. (OWD03
)ET-?ZIB:X"Y/HE80M LA/&:(IYRI85M):A\$E91R H"71M ZONI73YM)AX:AR"Y/HE92M
 XUQ.A71T (OWLF91M T.I75H:YEH-Z.O71)T? L/FHE73M L:/DOROT/F75M00
 8 WA/):AL/"HE74M T.O)MA80R)I71Y\$)IY\$03 MI/B."74YT YI&:RF)"80L?
 W./MIN-HA/G."73R):A\$ER-YFG74W.R B.:TOWK/F92M):A\$ER-YA(:ALE71H (OLF73H
)OW-ZF75BAX00 9 W:/)EL-?P.E61TAX)O70HEL MOW("D03 LO74) Y:BIY)/E80N.W.
 LA/(:A&O71WT)OT/O73W LA/YHWF92H W:/NIK:RA91T HF/)I71Y\$ HA/H73W.)?
 M"/(AM.F75Y/W00 10 W:/)I63Y\$)I61Y\$ MI/B."74YT YI&:RF)"81L W./MIN-HA/G."R03
 HA/G.F74R B.:TOWK/F80M?):A\$E71R YO)KA73L K.FL-D.F92M W:/NFTAT.I74Y
 PFN/A81Y B.A/N.E33PE\$03 HF/)OKE74LET)ET-HA/D.F80M W:/HIK:RAT.I71Y?)OT/F73H.
 MI/Q.E71REB (AM.F75H.00 11 K.I74Y NE74PE\$ HA/B.F&FR02 B.A/D.F74M HIW)01
 WA/):ANI62Y N:TAT.I70Y/W L/FKEM03? (AL-HA/M.IZ:B."80XA L:/KAP."73R
 (AL-NAP:\$OT"Y/KE92M K.I75Y-HA/D.F71M H73W.) B.A/N.E71PE\$ Y:KAP."75R00?
 12 (AL-K."70N)FMA33R:T.IY03 LI/B:N"74Y YI&:RF)"80L K.FL-NE71PE\$ MI/K.E73M
 LO)-TO74)KAL D.F92M W:/HA/G."91R? HA/G.F71R B.:TOWK/:KE73M LO)-YO71)KAL
 D.F75M00 13 W:/)I63Y\$)I61Y\$ MI/B:N"74Y YI&:RF)"81L? W./MIN-HA/G."R03 HA/G.F74R
 B.:TOWK/F80M):A\$E63R YFC61W.D C"71YD XAY.F91H)OW-(O73WP):A\$E74R
 Y)"FK"92L? W:/\$FPAK:03)ET-D.FM/O80W W:/KIS./F73HW. B.E/(FPF75R00
 14 K.I75Y-NE74PE\$ K.FL-B.F&F81R D.FM/O74W B:/NAP:\$OW02? HW.)01 WF75)OMAR03
 LI/B:N"74Y YI&:RF)"80L D.A71M K.FL-B.F&F73R LO74) TO)K"92LW. K.I74Y NE70PE\$
 K.FL-?B.F&FR03 D.FM/O74W HI80W) K.FL-)OK:LF73Y/W YIK.FR"75T00
 15 W:/KFL-NE81PE\$):A\$E63R T.O)KA70L? N:B"LFH03 W:/+R"PF80H B.F/EZ:FR73X
 W./BA/G."92R W:/KIB.E63S B.:GFDF61Y/W W:/RFXA71C B.A/M.A91YIM W:/+FM"71)
 (AD-?HF/(E73REB W:/+FH"75R00 16 W:/)IM03 LO74) Y:KAB."80S W:/B:&FR/O73W LO74)
 YIR:XF92C W:/NF&F73) (:AWON/O75W00 18 1 WA/Y:DAB."71R Y:HWF73H
)EL-MO\$E71H L."/MO75R00 2 D.AB."R03)EL-B:N"74Y YI&:RF)"80L? W:/)FMAR:T.F73
):AL/"HE92M):ANI73Y Y:HWF71H):ELOH"Y/KE75M00 3 K:/MA:(A&"94H
)E75REC-MIC:RA91YIM):A\$E71R? Y:\$AB:T.EM-B./F73H. LO74) TA:(A&92W.
 W./K:/MA:(A&"74H)E75REC-K.:NA83(AN):A\$E74R):ANIY04 M"BI63Y))ET/:KE71M?
 \$F33M./FH03 LO74) TA:(A&80W. W./B:/XUQ.OT"Y/HE73M LO71) T"L"75KW.00
 4)ET-MI\$:P.F+/A94Y T.A:(A&91W. W:/)ET-?XUQ.OT/A71Y T.I\$:M:R73W. LF/LE74KET
 B./FHE92M):ANI73Y Y:HWF71H):ELOH"Y/KE75M00 5 W:/\$.MAR:T.E70M
)ET-?XUQ.OT/AY03 W:/)ET-MI\$:P.F+/A80Y):A\$E63R YA:(A&E71H)OT/F91M
 HF/)FDF73M WF/XA74Y B./FHE92M):ANI73Y Y:HWF75H00? 6)I71Y\$)IY\$03
)EL-K.FL-\$:)74R B.:&FR/O80W LO71) TIQ:R:B73W. L:/GAL.O74WT (ER:WF92H?
):ANI73Y Y:HWF75H00 7 (ER:WA71T)FBI91Y/KF W:/)ER:WA71T)IM./:KF73 LO74)
 T:GAL."92H)IM./:KF74 HI80W)? LO71) T:GAL.E73H (ER:WFT/F75H.00 8 (ER:WA71T
)"75\$ET-)FBI73Y/KF LO74) T:GAL."92H (ER:WA71T?)FBI73Y/KF HI75W)00 9 (ER:WA63T
):AXO75WT/:KF70 BAT-)FBI33Y/KF03)O74W BAT-)IM./E80KF MOWLE74DET?
 B.A80YIT)O73W MOWLE74DET X92W.C LO71) T:GAL.E73H (ER:WFT/F75N00
 10 (ER:WA70T B.AT-B.IN/:KF03)O74W? BA75T-B.IT./:KF80 LO71) T:GAL.E73H
 (ER:WFT/F92N K.I71Y (ER:WFT/:KF73 H"75N.FH00 11 (ER:WA63T B.AT-?)70\$ET
)FBI33Y/KF03 MOWLE74DET)FBI80Y/KF):AXOWT/:KF73 HI92W) LO71) T:GAL.E73H
 (ER:WFT/F75H.00 12 (ER:WA71T):AXOWT-)FBI73Y/KF LO74) T:GAL."92H \$:)71R
)FBI73Y/KF HI75W)00 13 (ER:WA71T?):AXO75WT-)IM./:KF73 LO74) T:GAL."92H
 K.I75Y-\$:)71R)IM./:KF73 HI75W)00 14 (ER:WA71T):AXI75Y-?)FBI73Y/KF LO74)
 T:GAL."92H)EL-)I\$:T./OW03 LO74) TIQ:RF80B D.ODF75T/:KF73 HI75W)00 15 (ER:WA71T?
 K.AL.F75T/:KF73 LO74) T:GAL."92H)"70\$ET B.IN/:KF03 HI80W) LO71) T:GAL.E73H
 (ER:WFT/F75H.00 16 (ER:WA71T?)"75\$ET-)FXI73Y/KF LO74) T:GAL."92H (ER:WA71T
)FXI73Y/KF HI75W)00 17 (ER:WA71T)I\$.F91H? W./BIT./F73H. LO74) T:GAL."92H
)E75T-B.AT-B.:N/F62H. W:/)ET-B.AT-B.IT./F81H. LO70) TIQ.AX03 L:/GAL.O74WT?
 (ER:WFT/F80H. \$A):ARF71H H"73N.FH ZIM.F71H HI75W)00)2 18 W:/)I\$.F71H
)EL-):AXOT/F73H. LO74) TIQ.F92X LI/C:RO81R? L:/GAL.O94WT (ER:WFT/F91H.
 (FLE73Y/HF B.:XAY.E75Y/HF00 19 W:/)EL-)I\$.F73H B.:NID.A74T +UM:)FT/F92H.? LO74)
 TIQ:RA80B L:/GAL.O73WT (ER:WFT/F75H.00 20 W:/)EL-)33\$ET03 (:AMI75YT/:KF80
 LO)-TIT."71N \$:KFB:T./:KF73? L:/ZF92RA(L:/+FM:)FH-B/F75H.00
 21 W./MI75/Z.AR:(/AKF71 LO)-TIT."73N L:/HA:(ABI74YR LA/M.O92LEK: W:/LO94)?

T:XAL."91L)ET-\$"71M):ELOHE73Y/KF):ANI71Y Y:HWF75H00 ²² W:/)E63T-ZFKF80R LO71) TI\$:K.A73B MI\$:K.:B"74Y?)I\$.F92H T.OW("BF73H HI75W)00 ²³ W:/B:/KFL-B.:H"MF91H LO)-TIT."71N \$:KFB:T./:KF73 L:/+FM:)FH-B/F92H.? W:/)I\$.F81H LO75)-TA:(AMO62D LI/P:N"94Y B:H"MF91H L:/RIB:/(F73H. T.E71BEL H75W.)00 ²⁴)AL-?T.I75+.AM.:73W. B:/KFL-)92L.EH K.I70Y B:/KFL-)33L.EH03 NI+:M.:74W. HA/G.OWYI80M):A\$ER-):ANI71Y M:\$AL."73XA? MI/P.:N"Y/KE75M00 ²⁵ WA/T.I+:MF74) HF/)F80REC WF/)EP:QO71D (:AWON/F73H. (FLE92Y/HF WA/T.FQI71) HF/)F73REC)ET-?YO\$:BE75Y/HF00 ²⁶ W:/\$.MAR:T.E74M)AT.E81M)ET-XUQ.OT/AY03 W:/)ET-MI\$:P.F+/A80Y W:/LO74) TA:(A&80W.? MI/K.O71L HA/T.OW("BO73T HF/)92L.EH HF75/)EZ:RF80X W:/HA/G."73R HA/G.F71R B:/TOWK:/KE75M00 ²⁷ 10K.IY)ET-K.FL-?HA/T.OW("BO74T HF/)80L (F&71W.)AN:\$"75Y-HF/)F73REC):A\$E74R LI/P:N"Y/KE92M WA/T.I+:MF73) HF/)F75REC00? ²⁸ W:/LO75)-TFQI70Y) HF/)F33REC03)ET:/KE80M B.:+A75M.A):AKE73M)OT/F92H. K.A):A\$E71R QF)F91H)ET-HA/G.O73WY?):A\$E71R LI/P:N"Y/KE75M00 ²⁹ 10K.IY K.FL-):A\$E74R YA:(A&E80H MI/K.O71L HA/T.OW("BO73WT HF/)92L.EH W:/NIK:R:T91W.? HA/N.:PF\$O71WT HF/(O&O73T MI/Q.E71REB (AM./F75M00 ³⁰ W:/\$.MAR:T.E74M)ET-MI\$:MAR:T./81Y L:/BIL:T.I63Y? (:A&O61WT M"/XUQ.O70WT HA/T.O75W("BOT03):A\$E74R NA:(A&74W. LI/P:N"Y/KE80M W:/LO71) TI75+.AM.:73W. B:/FHE92M):ANI73Y? Y:HWF71H):ELOH"Y/KE75M00 **19** ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00J2 ² D.AB."62R)EL-K.FL-(:ADA94T B.:N"Y-?YI&:RF)"91L W:/)FMAR:T.F71):AL/"HE73M Q:DO\$174YM T.IH:Y92W. K.I74Y QFDO80W\$):ANI73Y Y:HWF71H):ELOH"Y/KE75M00? ³)I74Y\$)IM./O70W W:/)FBIY/W03 T.IYRF80)W. W:/)ET-\$AB.:TOT/A73Y T.I\$:MO92RW.):ANI73Y Y:HWF71H):ELOH"/YKE75M00? ⁴)AL-T.IP:NW.03)EL-HF74):ELIYLI80YM W""75/)LOH"Y03 MAS."KF80H LO71) TA:(A&73W. L/FKE92M):ANI73Y Y:HWF71H?):ELOH"Y/KE75M00 ⁵ W:/KI94Y TIZ:B.:X91W. ZE71BAX \$:LFMI73YM LA/YHWF92H LI75/R:CON:/KE73M T.IZ:B.FXU75/HW.00? ⁶ B.:YO94WM ZIB:X:/AKE91M Y")FK"73L W./MI75M.FX:FRF92T W:/HA/N.OWTFR03 (AD-YO74WM HA/\$.:LIY\$I80Y B.F)/"73\$? YI&FR"75P00 ⁷ W:/)I91M H")FKO71L Y")FK"73L B.A/Y.O74WM HA/\$.:LIY\$I92Y P.IG.71W.L H73W.) LO71) Y"RFCE75H00? ⁸ W:/)O75K:LFY/W03 (:AWON/O74W YI&F80) K.I75Y-)ET-QO71DE\$ Y:HWF73H XIL."92L W:/NIK:R:TF91H HA/N.E71PE\$ HA/HI73W)? M"/(AM.E75Y/HF00 ⁹ W.95/B:/QUC:R:/KEM03)ET-Q:CI74YR)AR:C:/KE80M LO94) T:KAL.E91H P.:A71T? &FD:/KF73 LI/Q:CO92R W:/LE71QE+ Q:CI75YR:/KF73 LO71) T:LAQ."75+00 ¹⁰ W:/KAR:M:/KF03 LO74) T:(OWL"80L W:/PE71RE+? K.AR:M:/KF73 LO74) T:LAQ."92+ LE75/(FNI70Y W:/LA/G."R03 T.A:(AZO74B)OT/F80M):ANI73Y Y:HWF71H):ELOH"Y/KE75M00? ¹¹ LO73) T.IG:NO92BW. W:/LO-T:KAX:A\$71W. W:/LO75)-T:\$AQ.:R73W.)I71Y\$ B.A:(AMIYT/O75W00 ¹² W:/LO75)-?TI\$.FB:(71W. BI/\$:M/I73Y LA/\$.F92QER W:/XIL.AL:T.F91)ET-\$"71M):ELOHE73Y/KF):ANI71Y Y:HWF75H00 ¹³ LO75)-?TA:(A\$O71Q)ET-R"75(/:AKF73 W:/LO74) TIG:ZO92L LO75)-TFLI62YN P.: (UL.A71T &FKI91YR)IT./:KF73 (AD-B.O75QER00? ¹⁴ LO)-T:QAL."74L X"R"80\$ W:/LI/P:N"74Y (IW."80R LO71) TIT."73N MIK:\$O92L W:/YFR"71)TF M."/):ELOHE73Y/KF):ANI71Y? Y:HWF75H00 ¹⁵ LO)-TA:(A&71W. (F33WEL03 B.A/M.I\$:P.F80+ LO)-TI&.F74) P:N"Y-DF80L W:/LO71)? TEH:D.A73R P.:N"74Y GFDO92WL B:/CE73DEQ T.I\$:P.O71+ (:AMIYT/E75KF00 ¹⁶ LO)-T"70K: RFKIYL03 B.: (AM.E80Y/KF? LO71) TA:(AMO73D (AL-D.A74M R"/(E92KF):ANI73Y Y:HWF75H00 ¹⁷ LO75)-TI&:NF71))ET-)FXI73Y/KF? B.I/L:BFB/E92KF HOWK"70XA T.OWKI33YXA03)ET-(:AMIYT/E80KF W:/LO)-TI&.F71) (FLF73Y/W X"75+:)00 ¹⁸ LO75)-?TIQ.O70M W:/LO75)-TI+.OR03)ET-B.:N"74Y (AM./E80KF W:/)F75HAB:T.F71 L:/R"/(:AKF73 K.FMO92W/KF):ANI73Y Y:HWF75H00? ¹⁹)E75T-XUQ.OT/AY02 T.I\$:MORW.01 B.:HEM:T./:KF03 LO)-TAR:B.I74Y(A K.IL:)A80YIM &FD:/KF73 LO)-TIZ:RA74(? K.IL:)F92YIM W:/BE70GED K.IL:)A33YIM03 \$A95(A+:N"80Z LO71) YA:(ALE73H (FLE75Y/KF00 ²⁰ 14W:/)IY\$ K.I75Y-?YI\$:K.A63B)ET-)I\$.F61H \$IK:BAT-ZE81RA(W:/HI70W) SIP:XFH03 NEX:ERE74PET L:/I80Y\$ W:/HFP:D."H03 LO74)? NIP:D.F80TFH)O71W XUP:\$F73H LO74) NIT.AN-L/F92H. B.IQ.O94RET T.IH:YE91H LO71) YW.M:T73W. K.IY-LO71)? XUP.F75\$FH00 ²¹ W:/H"BI70Y))ET-):A\$FM/OW03 LA75/YHWF80H)EL-P.E73TAX)O74HEL MOW("92D)"73YL?)F\$F75M00 ²² W:/KIP.ER04 (FLF63Y/W HA/K.OH"61N B.:)"70YL HF75/)F\$FM03 LI/P:N"74Y Y:HWF80H (AL-XA+.F)T/O73W?):A\$E74R XF+F92) W:/NIS:LA74X L/O80W M"/XA+.F)T/O73W):A\$E71R XF+F75)00

W:/KIY-TFBO74)W.?)EL-HF/)F81REC W:/N:+A(:T.EM03 K.FL-("74C MA):AKF80L
 WA/(:ARAL:T.E71M (FR:LFT/O73W)ET-P.IR:Y/O92W? \$FLO74\$ \$FNI81YM YIH:YE71H
 L/FKE91M (:AR"LI73YM LO71) Y")FK"75L00 ²⁴ W./BA/\$.FNFH03 HF/R:BIY(I80T
 YIH:YE73H? K.FL-P.IR:Y/O92W QO71DE\$ HIL.W.LI73YM LA/YHWF75H00
²⁵ W./BA/\$.FNF74H HA/X:AMIY\$181T T.O75)K:LW.03)ET-?P.IR:Y/O80W L:/HOWSI71YP
 L/FKE73M T.:BW.)FT/O92W):ANI73Y Y:HWF71H):ELOH"Y/KE75M00 ²⁶ LO71)?
 TO)K:L73W. (AL-HA/D.F92M LO71) T:NAX:A\$73W. W:/LO71) T:(OWN"75NW.00 ²⁷ LO74)
 TAQ.I80PW. P.:A73T? RO)\$:/KE92M W:/LO74) TA\$:XI80YT)"73T P.:A71T
 Z:QFN/E75KF00 ²⁸ W:/&E74RE+ LF/NE81PE\$J3 LO70) TIT.:NW.03? B.I/B:&AR:/KE80M
 W:/K:TO74BET QA95(:QA80(LO71) TIT.:N73W. B./FKE92M):ANI73Y Y:HWF75H00
²⁹)AL-T.:XAL."71L?)E75T-B.IT.:KF73 L:/HAZ:NOWT/F92H. W:/LO)-TIZ:NE74H
 HF/)F80REC W./MFL:)F71H HF/)F73REC ZIM.F75H00? ³⁰)ET-\$AB.:TOT/A74Y
 T.IS:MO80RW. W./MIQ:D.F\$173Y T.IYRF92)W.):ANI73Y Y:HWF75H00 ³¹)AL-T.IP:N70W.
)EL-?HF/)OBOT03 W:/)EL-HA/Y.ID.: (ONI80YM)AL-T.:BAQ:\$73W. L:/+FM:)F74H
 B/FHE92M):ANI73Y Y:HWF71H):ELOH"Y/KE75M00? ³² MI/P.:N"70Y &"YBFH03
 T.FQ80W.M W:/HFDAR:T.F73 P.:N"74Y ZFQ"92N W:/YFR"71)TF M."/):ELOHE73Y/KF
):ANI71Y Y:HWF75H00? ³³ W:/KI75Y-YFG94W.R)IT.:KF91 G."73R B.:)/AR:C:/KE92M
 LO71) TOWN73W.)OT/O75W00 ³⁴ K.:)/EZ:RF74X? MI/K.EM04 YIH:YE63H L/FKE61M
 HA/G."74R05 HA/G.F74R)IT.:KE81M W:/)FHAB:T.F71 L/OW03 K.FMO80W/KF
 K.I75Y-G"RI71YM H:EYIYTE73M? B.:)/E74REC MIC:RF92YIM):ANI73Y Y:HWF71H
):ELOH"Y/KE75M00 ³⁵ LO)-TA(:A&71W. (F73WEL B.A/M.IS:P.F92+? B.A/M.ID.F85H
 B.A/M.IS:QF73L W./BA/M.:&W.RF75H00 ³⁶ MO94)Z:N"Y CE74DEQ)AB:N"Y-CE81DEQ
)"71YPAT CE91DEQ? W:/HI71YN CE73DEQ YIH:YE74H L/FKE92M):ANIY03 Y:HWF74H
):ELO75H"Y/KE80M):A\$ER-HOWC"71)TIY)ET:/KE73M M")E71REC? MIC:RF75YIM00
³⁷ W./\$:MAR:T.E70M)ET-K.FL-XUQ.OT/AY03 W:/)ET-K.FL-MI\$:P.F+/A80Y
 WA/(:A&IYTE73M)J3)OT/F92M?):ANI73Y Y:HWF75H00 **20** ¹ WA/Y:DAB."71R Y:HWF73H
)EL-MO\$E71H L."/)MO75R00 ² W:/)EL-B.:N"74Y YI&:RF)"L02]2 T.O)MAR01?)I74Y\$
)IY\$04 MI/B.:N"63Y YI&:RF)"61L W./MIN-HA/G."74R05 HA/G.F74R B.:/YI&:RF)"81L
):A\$E63R YIT."94N MI/Z.AR:/O91W? LA/M.O73LEK: MO74WT YW.MF92T (A71M
 HF/)F73REC YIR:G.:MU71/HW. BF/)F75BEN00 ³ WA/):ANI62Y)ET."70N)ET-P.FN/AY03?
 B.F/)I74Y\$ HA/H80W.) W:/HIK:RAT.I71Y)OT/O73W MI/Q.E74REB (AM./O92W K.I70Y
 MI/Z.AR:/OW03 NFTA74N LA/M.O80LEK: L:MA81(AN? +AM.)03)ET-MIQ:D.F\$/I80Y
 W./L:/XAL."73L)ET-\$"71M QFD:\$/I75Y00 ⁴ W:/)I83M HA(:L"74M YA(:LIYM75W.04]3
 (A63M? HF/)F61REC)ET-("75YN"Y/HEM03 MIN-HF/)I74Y\$ HA/H80W.) B.:/TIT/O71W
 MI/Z.AR:/O73W LA/M.O92LEK: L:/BIL:T.I73Y? HFMI71YT)OT/O75W00 ⁵ W:/&AM:T.I63Y
):ANI94Y)ET-P.FN/A91Y B.F/)I71Y\$ HA/H73W.) W./B:/MI\$:P.AX:T./O92W
 W:/HIK:RAT.I63Y?)OT/O61W W:/)"74T05 K.FL-HA/Z.ONI74YM)AX:ARF81Y/W
 LI/Z:NO91WT)AX:AR"71Y HA/M.O73LEK: MI/Q.E71REB (AM./F75M00?
⁶ W:/HA/N.E81PE\$):A\$E63R T.IP:NE70H)EL-HF75)OBOT03 W:/)EL-HA/Y.ID.: (ONI80YM
 LI/Z:NO73WT)AX:AR"Y/HE92M W:/NFTA.T.I70Y?)ET-P.FN/AY03 B.A/N.E74PE\$
 HA/HI80W) W:/HIK:RAT.I71Y)OT/O73W MI/Q.E71REB (AM./O75W00
⁷ W:/HI63T:QAD.IS:T.E80M? WI/H:YIYTE73M Q:DO\$192YM K.I91Y):ANI71Y Y:HWF73H
):ELOH"Y/KE75M00 ⁸ W./\$:MAR:T.EM03)ET-XUQ.OT/A80Y? WA/(:A&IYTE73M
)OT/F92M):ANI71Y Y:HWF73H M:QAD.IS:/KE75M00 ⁹ K.I75Y-)I74Y\$)I81Y\$):A\$E63R
 Y:QAL."94L)ET-)FBI91Y/W W:/)ET-JIM./O73W MO74WT YW.MF92T)FBI94Y/W
 W:/)IM./O91W QIL."73L D.FMF71Y/W B./O75W00 ¹⁰ W:/)I81Y\$):A\$E70R? YIN:)AP03
)ET-)74\$ET)I80Y\$):A\$E71R YIN:)A73P)ET-)74\$ET R"/("92HW. MO75WT-YW.MA71T
 HA/N.O)"73P? W:/HA/N.O)F75PET00 ¹¹ W:/)I81Y\$):A\$E70R YI\$:K.AB03)ET-)74\$ET
)FBI80Y/W (ER:WA71T)FBI73Y/W G.I.L.F92H MO75WT-?YW.M:T71W. \$:N"Y/HE73M
 D.:M"Y/HE71M B./F75M00 ¹² W:/)I81Y\$):A\$E70R YI\$:K.AB03)ET-K.AL.FT/O80W
 MO71WT YW.M:T73W.? \$:N"Y/HE92M T.E71BEL (F&73W. D.:M"Y/HE71M B./F75M00
¹³ W:/)I81Y\$):A\$E63R YI\$:K.A70B)ET-ZFKFR03 MI\$:K.:B"74Y?)I\$.F80H T.OW("BF71H
 (F&73W. \$:N"Y/HE92M MO71WT YW.MF73TW. D.:M"Y/HE71M B./F75M00 ¹⁴ W:/)I81Y\$
):A\$E63R? YIQ.A94X)ET-)I\$.F91H W:/)ET-)IM./F73H. ZIM.F74H HI92W) B.F/)62\$
 YI&:R:P70W.)OT/OW03 W:/)ET:/HE80N W:/LO)-?TIH:YE71H ZIM.F73H
 B.:/TOWK:/KE75M00 ¹⁵ W:/)I81Y\$):A\$E63R YIT."94N \$:KFB:T./O91W B.I/B:H"MF73H
 MO74WT YW.MF92T? W:/)ET-HA/B.:H"MF73H T.AH:ARO75GW.00 ¹⁶ W:/)I\$.F81H

):A\$E63R T.IQ:RA70B)EL-K.FL-B.:H"MFH03 L:/RIB:(F74H?)OT/F80H. W:/HFRAG:T.F71
)ET-HF/)I\$.F73H W:/)ET-HA/B.:H"MF92H MO71WT YW.MF73TW. D.:M"Y/HE71M
 B./F75M00? ¹⁷ W:/)I74Y\$):A\$ER-YIQ.A74X)ET-):AXOT/O83W B.AT-)FBI74Y/W)O74W
 BAT-14)IM./OW W:/RF)F63H)ET-?(ER:WFT/F61H. W:/HI75Y)-TIR:)E70H
)ET-(ER:WFT/OW03 XE74SED H80W.) W:/NI63K:R:T80W. L:/("YN"73Y B.:N"74Y
 (AM./F92M? (ER:WA94T):AXOT/O91W G.IL.F73H (:AWON/O71W YI&.F75)00 ¹⁸ 14W:/)IY\$
):A\$ER-YI\$:K.A63B)ET-)I\$.F61H D.FWF81H? W:/GIL.F70H)ET-(ER:WFT/FH.03
)ET-M:QOR/F74H. HE75(:ERF80H W:/HI85Y) G.IL.:TF73HJ3)ET-M:QO74WR
 D.FME92Y/HF? W:/NIK:R:T71W. \$:N"Y/HE73M MI/Q.E71REB (AM./F75M00
¹⁹ W:/)ER:WA63T):AXO94WT)IM./:KF91 WA/):AXO71WT)FBI73Y/KF? LO74)
 T:GAL."92H K.I94Y)ET-\$.)"R/O91W HE(:ERF73H (:AWON/F71M YI&.F75)W.00
²⁰ W:/)I81Y\$):A\$E70R YI\$:K.AB03?)ET-D.O74DFT/O80W (ER:WA71T D.OD/O73W
 G.IL.F92H XE+:/)F71M YI&.F73)W. (:ARIYRI71YM YFMU75TW.00 ²¹ W:/)I81Y\$?):A\$E71R
 YIQ.A91X)ET-)71\$ET)FXI73Y/W NID.F74H HI92W) (ER:WA71T)FXI91Y/W G.IL.F73H
 (:ARIYRI71YM YIH:Y75W.00? ²² W:/\$.MAR:T.E70M)ET-K.FL-XUQ.OT/AY03
 W:/)ET-K.FL-MI\$:P.F+/A80Y WA/(:A&IYTE73M)OT/F92M? W:/LO)-TFQI70Y))ET/:KEM03
 HF/)F80REC):A\$E63R):ANI61Y M"BI71Y))ET/:KE91M \$F73M.FH LF/\$E71BET
 B./F75H.00? ²³ W:/LO70) T"75L:KW.03 B.:XUQ.O74T HA/G.O80WY):A\$ER-):ANI71Y
 M:\$AL."73XA MI/P.:N"Y/KE92M K.I70Y)ET-K.FL-?)33L.EH03 (F&80W. WF/)FQU73C
 B./F75M00 ²⁴ WF/)OMA74R L/FKE81M)AT.EM02 T.I75YR:\$74W.)ET-)AD:MFT/FM01
 WA/):ANI62Y?)ET.:N/E70N.FH L/FKEM03 LF/RE74\$ET)OT/F80H.)E91REC ZFBA71T
 XFLF73B W./D:BF92\$):ANIY03 Y:HWF74H):ELO75H"Y/KE80M?
):A\$ER-HIB:D.A71L:T.IY)ET/:KE73M MIN-HF75/(AM.I75YM00 ²⁵ W:/HIB:D.AL:T.E62M
 B."75YN-HA/B.:H"MF70H? HA/+:.HORFH03 LA/+:.M")F80H W./B"YN-HF/(O71WP
 HA/+.FM"73) LA/+.FHO92R W:/LO75)-T:\$AQ:.C63W.)ET-?NAP:\$O75T"Y/KE61M
 B.A/B.:H"MF74H W./BF/(O81WP W./B:/KOL03):A\$E74R T.IR:MO74& HF75/):ADFMF80H
):A\$ER-?HIB:D.A71L:T.IY L/FKE73M L:/+AM."75)00 ²⁶ WI/H:YI70YTEM L/IY03
 Q:DO\$180YM K.I71Y QFDO73W\$):ANI74Y Y:HWF92H? WF/)AB:D.I71L)ET/:KE91M
 MIN-HF95/(AM.I73YM LI/H:YO71WT L/I75Y00 ²⁷ W:/)I74Y\$)O75W-)I\$.F81H?
 K.IY-YIH:YE63HJ3 B/FHE71M)O91WB)O71W YID.:(ONI73Y MO74WT YW.MF92TW.
 B.F/)E91BEN YIR:G.:M71W.)OT/F73M D.:M"Y/HE71M? B./F75M00 **21** ¹ WA/Y.O70)MER
 Y:HWFH03)EL-MO\$E80H):EMO71R)EL-HA/K.OH:ANI73YM B.:N"74Y)AH:ARO92N
 W:/)FMAR:T.F74?):AL/"HE80M L:/NE71PE\$ LO75)-YI+.AM.F73) B.:/(AM.F75Y/W00
² 10K.IY)IM-LI/(\$:)R/O80W HA/Q.FRO73B)"LF92Y/W? L:/)IM./O74W W./L:/)FBI80Y/W
 W:/LI/B:N/O71W W./L:/BIT./O73W W./L:/)FXI75Y/W00 ³ W:/LA/):AXOT/O70W
 HA/B.:TW.LFH03? HA/Q.:ROWBF74H)"LF80Y/W):A\$E71R LO75)-HFY:TF73H L:/)I92Y\$
 L/F73H. YI+.AM.F75)00 ⁴ LO71) LO71) YI+.AM.F73) YI+.AM.F73) B.A74(AL? B.A74(AL?
 B.:/(AM.F92Y/W B.:/(AM.F92Y/W L:/H"73XAL./O75W L:/H"73XAL./O75W00 ⁵ 00
⁵ **YIQ:R:X70W. LO75)-QFR:XFH03 **YIQ:R:X70W. B.:/RO)\$F80M QFR:XFH03
 W./P:)A71T B.:/RO)\$F80M Z:QFN/F73M W./P:)A71T LO74)? Z:QFN/F73M Y:GAL."92XW.
 LO74)? W./BI63/B:&FR/F80M Y:GAL."92XW. LO71) W./BI63/B:&FR/F80M YI&:R:+73W.
 LO71) &FRF75+ET00 YI&:R:+73W. &FRF75+ET00 ⁶ Q:DO\$170YM YIH:YW.03
 L"/LO74H"Y/HE80M W:/LO74)? Y:XAL.:L80W. \$"73M):ELOH"Y/HE92M K.IY04
)ET-)I\$.63Y Y:HWF61H LE94XEM):ELOH"Y/HE91M H"71M MAQ:RIYBI73M?
 W:/HF71YW QO75DE\$00 ⁷)I\$.F63H ZONF70H WA/X:ALFLFH03 LO74) YIQ.F80XW.
 W:/)I\$.F91H G.RW.\$F71H M"/)IY\$/F73H. LO74)? YIQ.F92XW. K.I75Y-QFDO71\$ H73W.)
 L"/)LOHF75Y/W00 ⁸ W:/QID.A\$:T./O80W K.I75Y-)ET-LE71XEM):ELOHE73Y/KF H74W.)?
 MAQ:RI92YB QFDO\$03 YI75H:YEH-L./F80K: K.I74Y QFDO80W\$):ANI71Y Y:HWF73H
 M:QAD.I\$:KE75M00 ⁹ W./BAT03)I74Y\$? K.OH"80N K.I71Y T"X"73L LI/Z:NO92WT
)ET-)FBI33Y/HF03 HI74Y) M:XAL.E80LET B.F/)"73\$ T.I&.FR"75P00 ¹⁰ W:/HA/K.OH"N04
 HA/G.FDO63WL M"/)EXF61Y/W):A35\$ER-YW.CA71Q (AL-RO)\$O74W05 \$E70MEN
 HA/M.I\$:XFH03 W./MIL."74)?)ET-YFD/O80W LI/L:B.O73\$)ET-HA/B.:GFDI92YM
)ET-RO)\$OW03 LO74) YIP:RF80(W./B:GFDF73Y/W LO71) YIP:RO75M00? ¹¹ W:/)A91L
 K.FL-NAP:\$O71T M"73T LO74) YFBO92) L:/)FBI71Y/W W./L:/)IM./O73W LO71)
 YI+.AM.F75)00 ¹² W:/MIN-?HA/M.IQ:D.F\$03 LO74) Y"C"80) W:/LO74) Y:XAL."80L)"73T
 MIQ:D.A74\$):ELOHF92Y/W K.I83Y 14N"ZER \$E74MEN MI\$:XA94T?):ELOHF91Y/W
 (FLF73Y/W):ANI71Y Y:HWF75H00 ¹³ W:/H85W.))I\$.F71H BI/B:TW.LE73Y/HF YIQ.F75X00

¹⁴)AL:MFNF70H? W./G:RW.\$FH03 WA/X:ALFLF74H ZONF80H)ET-)"73L.EH LO74) YIQ.F92X K.I91Y)IM-B.:TW.LF71H M"/(AM.F73Y/W YIQ.A71X?)I\$.F75H00
¹⁵ W:/LO75)-Y:XAL."71L ZAR:(/O73W B.:(AM.F92Y/W K.I91Y):ANI71Y Y:HWF73H M:QAD.:\$/O75W00 ¹⁶ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.("/MO75R00
¹⁷ D.AB."71R)E75L-)AH:ARO73N L"/)MO92R)I74Y\$? MI75/Z.AR:(/AKF62 L:/DOROT/F81M):A\$E63R YIH:YE71H B/OW03 M80W.M LO74) YIQ:RA80B L:/HAQ:RI73YB LE71XEM?):ELOHF75Y/W00 ¹⁸ K.I71Y KFL-)I91Y\$):A\$ER-B./O71W M73W.M LO74) YIQ:RF92B)I70Y\$ (IW."R03)O74W PIS."80XA?)O71W XFRU73M)O71W &FR95W.(A00 ¹⁹)O74W)I80Y\$):A\$ER-YIH:YE71H B/O73W \$E74BER RF92GEL)O73W \$E71BER YF75D00? ²⁰)O75W-GIB."74N)OW-DA80Q)O73W T.:BAL.U74L B.("/YN/O92W)O70W GFRFB03)O74W YAL.E80PET)O73W M:RO71WXA)F75\$EK:00? ²¹ K.FL-)I62Y\$):A\$ER-B./O74W M81W.M MI/Z.E33RA(03)AH:ARO74N HA/K.OH"80N LO74) YIG.A80\$ L:/HAQ:RI73YB?)ET-)I\$.74Y Y:HWF92H M74W.M B./O80W 10)"T LE74XEM):ELOHF80Y/W LO71) YIG.A73\$ L:/HAQ:RI75YB00? ²² LE74XEM):ELOHF80Y/W MI/Q.FD:\$"73Y HA/Q.:FDF\$I92YM W./MIN-HA/Q.:FDF\$I73YM YO)K"75L00 ²³)A74K:)EL-?HA/P.FRO61KET LO74) YFBO81) W:/)EL-HA/M.IZ:B."91XA LO71) YIG.A73\$ K.I75Y-M74W.M B./O92W W:/LO70) Y:XAL."L03)ET-?MIQ:D.F\$/A80Y K.I91Y):ANI71Y Y:HWF73H M:QAD.:\$/F75M00 ²⁴ WA/Y:DAB."74R MO\$E80H)E75L-)AH:ARO73N W:/)EL-?B.FNF92Y/W W:/)E75L-K.FL-B.:N"73Y YI&:RF)"75L00 **22** ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.("/MO75R00 ² D.AB."63R)E75L-)AH:ARO61N W:/)EL-?B.FNF81Y/W W:/YIN.F75Z:RW.03 MI/Q.FD:\$"74Y B:N"75Y-YI&:RF)"80L W:/LO71) Y:XAL.:L73W.)ET-\$"74M QFD:\$/I92Y):A\$E63R H"94M? MAQ:D.I\$I91YM L/I73Y):ANI71Y Y:HWF75H00 ³):EMO74R):AL/"HE81M L:/DORO63T"Y/KE61M K.FL-)I74Y\$05):A\$ER-?YIQ:RA74B MI/K.FL-ZAR:(/AKE81M)EL-HA/Q.:FDF\$IYM03):A\$E63R YAQ:D.I70Y\$W. B:N"75Y-YI&:RF)"L03 LA75/YHWF80H? W:/+UM:)FT/O73W (FLF92Y/W W:/NIK:R:TF62H HA/N.E94PE\$ HA/HI91W) MI/L.:PFNA73Y):ANI71Y Y:HWF75H00 ⁴)I74Y\$)I62Y\$? MI/Z.E74RA()AH:ARO81N W:/H70W.) CFR33W.(A03)O74W ZF80B B.A/Q.:FDF\$IYM03 LO74) YO)KA80L (A73D):A\$E74R YI+:HF92R? W:/HA/N.OG"33(A03 B.:KFL-+:M")-NE80PE\$)O74W)I80Y\$):A\$ER-T."C"71) MI/M./E73N.W. \$IK:BAT-ZF75RA(00 ⁵)OW-?)IY\$03):A\$E74R YIG.A80(B.:KFL-\$E73REC):A\$E74R YI+:MF)-L/O92W)O70W B:/FDFM03):A\$E74R YI+:MF)-L/O80W? L:/KO73L +UM:)FT/O75W00 ⁶ 10NEPE\$):A\$E74R T.IG.A(-B./O80W W:/+FM:)F73H (AD-HF/(F92REB W:/LO70) YO)KAL03? MIN-HA/Q.:FDF\$I80YM K.I91Y)IM-RFXA71C B.:&FR/O73W B.A/M.F75YIM00 ⁷ W:/BF71) HA/\$E73ME\$ W:/+FH"92R W:/)AXAR03? YO)KA74L MIN-HA/Q.:FDF\$I80YM K.I71Y LAX:M/O73W H75W.)00 ⁸ N:B"LF94H W:/+R"PF91H LO71) YO)KA73L? L:/+FM:)FH-B/F92H.):ANI73Y Y:HWF75H00 ⁹ W:/\$FM:R74W.)ET-MI\$MAR:T./I81Y W:/LO75)-YI&:)70W. (FLFY/W03 X"80+):? W./M"71TW. B/O73W K.I74Y Y:XAL.:LU92/HW.):ANI71Y Y:HWF73H M:QAD.:\$/F75M00 ¹⁰ W:/KFL-ZF73R LO)-YO74)KAL QO92DE\$? T.OW\$A71B K.OH"91N W:/&FKI73YR LO)-YO71)KAL QO75DE\$00 ¹¹ W:/KOH"81N K.I75Y-YIQ:NE71H NE33PE\$03 QIN:YA74N? K.AS:P./O80W H73W.) YO74)KAL B./O92W WI/YLI74YD B."YT/O80W H"73M YO)K:L71W. B:/LAX:M/O75W00 ¹² W:/BAT-K.OH"80N? K.I71Y TIH:YE73H L:/)I74Y\$ ZF92R HI85W) B.I/T:RW.MA71T HA/Q.:FDF\$I73YM LO71) TO)K"75L00 ¹³ W:/BAT-K.OH"N04? K.I63Y TIH:YE61H)AL:MFNF74H W./G:RW.\$F81H W:/ZERA(02)"74YN L/FH.01 W:/\$FBF62H)EL-B."70YT)FBI33Y/HF03? K.I/N:(W.RE80Y/HF MI/L.E71XEM)FBI73Y/HF T.O)K"92L W:/KFL-ZF73R LO)-YO71)KAL B./O75W00 ¹⁴ W:/)I85Y\$ K.I75Y-YO)KA71L QO73DE\$ B.I/\$:GFGF92H W:/YFSA70P X:AMI75\$IYT/OW03 (FLF80Y/W W:/NFTA71N LA/K.OH"73N)ET-?HA/Q.O75DE\$00 ¹⁵ W:/LO74) Y:XAL.:L80W.)ET-QFD:\$"73Y B.:N"74Y YI&:RF)"92L)"71T):A\$ER-YFRI73YMW.? LA/YHWF75H00 ¹⁶ W:/HI&.I70Y)W.)OWT/FM03 (:AWO74N)A\$:MF80H B.:/FK:L/F73M)ET-QFD:\$"Y/HE92M K.I91Y):ANI71Y? Y:HWF73H M:QAD.:\$/F75M00 ¹⁷ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.("/MO75R00 ¹⁸ D.AB."63R)E75L-)AH:ARO61N W:/)EL-B.FNF81Y/W? W:/)EL03 K.FL-B.:N"74Y YI&:RF)"80L W:/)FMAR:T.F73):AL/"HE92M)I74Y\$)IY\$04 MI/B."63YT YI&:RF)"61L W./MIN-?HA/G."74R B.:YI&:RF)"81L):A\$E63R YAQ:RI70YB QFR:B.FN/OW03 L:/KFL-NID:R"Y/HEM03 W./L:/KFL-NID:BOWT/F80M?):A\$ER-YAQ:RI71YBW. LA/YHWF73H L:/)OLF75H00 ¹⁹ LI75/R:CON:/KE92M T.FMI74YM ZFKF80R B.A/B.FQF85R? B.A/K.:&FBI73YM W:/BF75/(I.Z.I75YM00 ²⁰ K.O91L):A\$ER-B./O71W M73W.M LO74)

TAQ:RI92YBW. K.IY-LO71) L:/RFCO73WN? YIH:YE71H L/FKE75M00 ²¹ W:/I81Y\$ K.I75Y-YAQ:RI70YB ZE75BAX-\$/LFMIYM03 LA/YHWF80H L:/PAL.)-NE33DER03)O74W? LI/N:DFBF80H B.A/B.FQF73R)O74W BA/C.O92)N T.FMI70YM YI75H:YEH03 L:/RFCO80WN K.FL-M73W.M LO71) YIH:YEH-B./O75W00? ²² (AW.ERET04)O63W \$FB61W.R)OW-XFR74W.C)O75W-YAB.E81LET)O70W GFRFB03)O74W YAL.E80PET LO)-TAQ:RI71YBW.?)"73L.EH LA/YHWF92H W:/)I\$.E81H LO)-TIT.:N71W. M"HE91M (AL-HA/M.IZ:B."73XA LA/YHWF75H00 ²³ W:/O71WR? WF/&E73H &FR74W.(A W:/QFL92W.+ N:DFBFH03 T.A(:A&E74H)OT/O80W W./L:/N"73DER LO71) Y"RFCE75H00 ²⁴ W./MF(70W.K:? W:/KFTW.T03 W:/NFT74W.Q W:/KFR80W.T LO71) TAQ:RI73YBW. LA75/YHWF92H W.95/B:/)AR:C:/KE73M LO71) TA(:A&75W.00? ²⁵ W./MI/Y.A74D B.EN-N"KF81R LO71) TAQ:RI91YBW.)ET-LE71XEM):ELOH"Y/KE73M MI/K.FL-)92L.EH K.I74Y? MF\$:XFT/F70M B./FHEM03 M74W.M B./F80M LO71) Y"RFC73W. L/FKE75M00 ²⁶ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00 ²⁷ \$O74WR)OW-KE70&EB)OW-("Z03 K.I74Y YIW.FL"80D? W:/HFYF91H \$IB:(A71T YFMI73YM T.A74XAT)IM./O92W W./MI/Y.O70WM HA/\$.:MIYNIY03 WF/HF80L:)/FH Y"RFCE85H L:/QFR:B.A71N?)I\$.E73H LA/YHWF75H00 ²⁸ W:/O73WR)OW-&E92H)OT/O74W W:/)ET-B.:N/O80W LO71) TI\$:X:A+73W. B.:YO71WM)EXF75D00? ²⁹ W:/KI75Y-TIZ:B.:X71W. ZE75BAX-T.OWDF73H LA/YHWF92H LI75/R:CON:/KE73M T.IZ:B.F75XW.00 ³⁰ B.A/Y.O70WM HA/HW.)03? Y)"FK"80L LO75)-TOWTI71YRW. MI/M./E73N.W. (AD-B.O92QER):ANI73Y Y:HWF75H00 ³¹ W./\$:MAR:T.EM03? MIC:WOT/A80Y WA(:A&IYTE73M)OT/F92M):ANI73Y Y:HWF75H00 ³² W:/LO70) T:XAL.:LW.03)ET-\$"74M QFD:\$/I80Y? W:/NI63Q:D.A\$:T.I80Y B.:TO73WK: B.:N"74Y YI&:RF)"92L):ANI71Y Y:HWF73H M:QAD.I\$/KE75M00 ³³ HA/M.OWCI70Y))ET/:KEM03? M"/)E74REC MIC:RA80YIM LI/H:YO71WT L/FKE73M L"/)LOHI92YM):ANI73Y Y:HWF75H00 **23** ₁ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00 ₂ D.AB."62R)EL-B.:N"70Y YI&:RF)"L03? W:/)FMAR:T.F74):AL/"HE80M MOW(:AD"74Y Y:HWF80H):A\$ER-T.IQ:R:)71W.)OT/F73M MIQ:RF)"74Y QO92DE\$)"71L.EH? H"73M MOW(:AD/F75Y00 ₃ \$"74\$ET YFMIYM02 T.)(F&E74H M:LF)KFH01 W./BA/Y.O74WM HA/\$.:BIY(I81Y \$AB.A70T? \$AB.FTOWN03 MIQ:RF)-QO80DE\$ K.FL-M:LF)KF73H LO74) TA(:A&92W. \$AB.F71T HIW)03 LA75/YHWF80H? B.:KO73L MO75W\$:BOT"Y/KE75M00 ₄ 10)"L.EH MOW(:AD"74Y Y:HWF80H MIQ:RF)"73Y QO92DE\$):A\$ER-T.IQ:R:)71W.)OT/F73M B.:MOW(:AD/F75M00? ₅ B.A/XO74DE\$ HF/RI)\$O81WN B.:/AR:B.F(71H (F&F91R LA/XO73DE\$ B."74YN HF/(AR:B.F92YIM P.E73SAX LA/YHWF75H00? ₆ W./BA/X:AMI\$.F63H (F&F71R YOWM03 LA/XO74DE\$ HA/Z.E80H XA71G HA/M.AC.O73WT LA/YHWF92H \$IB:(A71T YFMI73YM? MAC.O71WT T.O)K"75LW.00 ₇ B.A/Y.OWM03 HF75/RI)\$O80WN MIQ:RF)-QO73DE\$ YIH:YE74H L/FKE92M K.FL-M:LE71)KET? (:ABODF73H LO71) TA(:A&75W.00 ₈ W:/HIQ:RAB:T.E71M)I\$.E91H LA/YHWF73H \$IB:(A74T YFMI92YM B.A/Y.O70WM? HA/\$.:BIY(IY03 MIQ:RF)-QO80DE\$ K.FL-M:LE71)KET (:ABODF73H LO71) TA(:A&75W.00 ₉ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00 ₁₀ D.AB."62R)EL-B.:N"70Y YI&:RF)"L03 W:/)FMAR:T.F74?):AL/"HE80M K.I75Y-TFBO74)W.)EL-HF/)F81REC):A\$E70R):ANIY03 NOT"74N L/FKE80M W./Q:CAR:T.E73M)ET-Q:CIYR/F92H.? WA/H:AB)"TE71M)ET-(O91MER R)"\$I71YT Q:CIYR:/KE73M)EL-HA/K.OH"75N00 ₁₁ W:/H"NI94YP)ET-?HF/(O91MER LI/P:N"71Y Y:HWF73H LI75/R:CON:/KE92M MI75/M.FX:FRAT03 HA/\$.AB.F80T Y:NIYP/E73N.W. HA/K.OH"75N00 ₁₂ WA(:A&IYTE85M? B.:YO71WM H:ANI75YP:/KE73M)ET-HF/(O92MER K.E74BE& T.FMI94YM B.EN-\$:NFT/O91W L:/OLF73H LA/YHWF75H00? ₁₃ W./MIN:XFT/OW04 \$:N"63Y (E&:RONI61YM SO74LET B.:LW.LF71H BA/\$.E91MEN)I\$.E71H LA/YHWF73H R"74YXA NIYXO92XA? W:/NIS:K./O71H)q YA73YIN R:BIY(I71T HA/HI75YN00 ₁₄ W:/LEXEM04 W:/QFLI63Y W:/KAR:ME61L LO74) TO75)K:L81W. (AD-?(E33CEM03 HA/Y.O74WM HA/Z.E80H 10(AD H:ABI74Y):/AKE80M)ET-QFR:B.A73N):ELOH"Y/KE92M XUQ.A70T (OWLFM03? L:/DORO74T"Y/KE80M B.:KO73L MO\$:BO75T"Y/KE75M00 ₁₅ W:/S:PAR:T.E70M L/FKEM03 MI/M.FX:FRA74T? HA/\$.AB.F80T MI/Y.OWM03 H:ABI74Y):/AKE80M)ET-(O73MER HA/T.:NW.PF92H \$E71BA(\$AB.FTO73WT T.:MIYMO71T? T.IH:YE75YNFH00 ₁₆ (A74D MI75/M.FX:FRA70T HA/\$.AB.FT03 HA/\$.:BIY(I80T T.IS:P.:R73W. X:AMIS.I74YM YO92WM? W:/HIQ:RAB:T.E91M MIN:XF71H X:ADFSF73H LA/YHWF75H00 ₁₇ MI/M.OW\$:BO63T"Y/KE61M T.FBI74Y).W.05 LE74XEM? T.:NW.PF81H 10\$:T.AYIM

\$:N"74Y (E&:RONI80YM SO74LET T.IH:YE80YNFH XFM"73C T.)FPE92YNFH
 B.IK.W.RI73YM? LA95/YHWF75H00 ¹⁸ W:/HIQ:RAB:T.E74M (AL-HA/L.E81XEM \$IB:(A63T
 K.:BF&I70YM T.:MIYMIM03 B.:N"74Y \$FNF80H? W./PA94R B.EN-B.FQF91R)EXF73D
 W:/)YLI74M \$:NF92YIM YIH:Y70W. (OLFH03 LA75/YHWF80H W./MIN:XFT/FM03
 W:/NIS:K."Y/HE80M?)I\$.71H R"75YXA-NIYXO73XA LA/YHWF75H00
¹⁹ WA/(:A&IYTE91M &:(IYR-(IZ.I71YM)EXF73D L:/XA+.F92)T? W./\$:N"94Y K:BF&I91YM
 B.:N"71Y \$FNF73H L:/ZE71BAX \$:LFMI75YM00 ²⁰ W:/H"NI74YP HA/K.OH"74N05
)OT/F83M (AL04? LE63XEM HA/B.IK.W.RI70YM T.:NW.PFH03 LI/P:N"74Y Y:HWF80H
 (AL-\$:N"73Y K.:BF&I92YM QO91DE\$ YIH:Y71W.? LA/YHWF73H LA/K.OH"75N00
²¹ W:/Q:RF)TE62M B.:/(E74CEM05 HA/Y.O74WM HA/Z.E81H MI75Q:RF)-QO33DE\$03
 YIH:YE74H? L/FKE80M K.FL-M:LE71)KET (:ABODF73H LO74) TA(:A&92W. XUQ.A71T
 (OWLF91M B.:KFL-MOW\$BO71T"Y/KE73M? L:/DORO75T"Y/KE75M00
²² W.95/B:/QUC:R:KE62M)ET-Q:CI74YR)AR:C:KE81M LO75)-T:KAL.E62H P.:A70T
 &F75D:/KF03? B.:/QUC:R/E80KF W:/LE71QE+ Q:CIYR:/KF73 LO74) T:LAQ."92+
 LE75/(FNI70Y W:/LA/G."R03 T.A:(AZO74B)OT/F80M):ANI73Y Y:HWF71H?
):ELOH"Y/KE75M00 ²³ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L."/)MO75R00
²⁴ D.AB."91R)EL-?B.:N"71Y YI&:RF)"73L L"/)MO92R B.A/XO63DE\$ HA/\$:BIY(I61Y
 B.:)EXF74D LA/XO81DE\$ YIH:YE70H L/FKEM03 \$AB.FTO80WN? ZIK:RO71WN
 T.:RW.(F73H MIQ:RF)-QO75DE\$00 ²⁵ K.FL-M:LE71)KET (:ABODF73H LO74) TA(:A&92W.?
 W:/HIQ:RAB:T.E71M)I\$.E73H LA/YHWF75H00 ²⁶ WA/Y:DAB."71R Y:HWF73H
)EL-MO\$E71H L."/)MO75R00? ²⁷)A83K: B.E/(F&O74WR LA/XODE\$04 HA/\$:BIY(I63Y
 HA/Z.E61H YO94WM HA/K.IP.URI74YM H81W.) MI75Q:RF)-QO33DE\$03? YIH:YE74H
 L/FKE80M W:/IN.IYTE73M)ET-NAP:\$OT"Y/KE92M W:/HIQ:RAB:T.E71M)I\$.E73H
 LA/YHWF75H00 ²⁸ W:/KFL-?M:LF)KFH03 LO74) TA(:A&80W. B.:/(E73CEM HA/Y.O74WM
 HA/Z.E92H K.I74Y YO70WM K.IP.URIYM03 H80W.) L:/KAP."74R? (:AL"Y/KE80M
 LI/P:N"73Y Y:HWF71H):ELOH"Y/KE75M00]3 ²⁹ K.I70Y KFL-HA/N.E33PE\$03):A\$E74R
 LO75)-T:(UN.E80H? B.:/(E73CEM HA/Y.O74WM HA/Z.E92H W:/NIK:R:TF73H
 M"75/(AM.E75Y/HF00 ³⁰ W:/KFL-HA/N.E81PE\$):A\$E70R T.A:(A&EH03
 K.FL-?M:LF)KF80H B.:/(E73CEM HA/Y.O74WM HA/Z.E92H W:/HA75):ABAD:T.I91Y
)ET-HA/N.E71PE\$ HA/HI73W) MI/Q.E71REB (AM./F75H.00? ³¹ K.FL-M:LF)KF73H LO74)
 TA(:A&92W. XUQ.A70T (OWLFM03 L:/DORO74T"Y/KE80M B.:/KO73L
 MO75\$:BO75T"Y/KE75M00? ³² \$AB.A63T \$AB.FTO71WN HW.J03 L/FKE80M
 W:/IN.IYTE73M)ET-NAP:\$OT"Y/KE92M B.:/TI\$:(F70H LA/XO33DE\$03? B.F/(E80REB
 M"/(E74REB (AD-(E80REB T.I\$B.:T73W. \$AB.AT:/KE75M00 ³³ WA/Y:DAB."71R
 Y:HWF73H?)EL-MO\$E71H L."/)MO75R00 ³⁴ D.AB."91R)EL-B.:N"71Y YI&:RF)"73L
 L"/)MO92R B.A/X:AMI\$.F63H (F&F61R? YO81WM LA/XO70DE\$ HA/\$:BIY(IY03
 HA/Z.E80H XA94G HA/S.UK.O91WT \$IB:(A71T YFMI73YM LA/YHOWF75H00
³⁵ B.A/Y.O71WM? HF/RI)\$O73WN MIQ:RF)-QO92DE\$ K.FL-M:LE71)KET (:ABODF73H
 LO71) TA(:A&75W.00 ³⁶ \$IB:(A74T? YFMI80YM T.AQ:RI71YBW.)I\$.E73H LA/YHWF92H
 B.A/Y.O74WM HA/\$:MIYNI83Y MIQ:RF)-QODE\$04 YIH:YE63H L/FKE61M?
 W:/HIQ:RAB:T.E63M)I\$.E70H LA75/YHWFH03 (:ACE74RET HI80W) K.FL-M:LE71)KET
 (:ABODF73H LO71) TA(:A&75W.00? ³⁷ 10)"L.EH MOW(:AD"74Y Y:HWF80H
):A\$ER-T.IQ:R:71W.)OT/F73M MIQ:RF)"74Y QO92DE\$? L:/HAQ:RI63YB)I\$.E61H
 LA/YHWF81H (OLF94H W./MIN:XF91H ZE71BAX W./N:SFKI73YM D.:BAR-YO71WM
 B.:YOWM/O75W00? ³⁸ MI/L:/BA73D \$AB.:TO74T Y:HWF92H W./MI/L:/BA74D
 MAT.:NO75WT"Y/KE81M]3 W./MI/L:/BA70D K.FL-NID:R"Y/KEM03? W./MI/L:/BA703
 K.FL-NID:BO74WT"Y/KE80M):A\$E71R T.IT.:N73W. LA/YHWF75H00 ³⁹)A83K:
 B.A/X:AMI\$.FH04? (F&F63R YO61WM LA/XO74DE\$ HA/\$:BIY(I81Y B.:/FS:P.:KEM03
)ET-T.:BW.)A74T HF/RI)\$O73WN MIQ:RF)-QO92DE\$ K.FL-M:LE71)KET (:ABODF73H
 LO71) TA(:A&75W.00? ⁴⁰ W:/L:QAX:T.E63M L/FKE61M B.A/Y.O74WM HF/RI)\$O81WN
 P.:RI63Y ("70C HFDFR03 K.AP.O74T T.:MFRI80YM WA/(:ANA71P? ("C-(FBO73T
 W:/AR:B"Y-NF92XAL W./&:MAX:T.E81M LI/P:N"91Y Y:HWF71H):ELOH"Y/KE73M
 \$IB:(A71T YFMI75YM00? ⁴¹ W:/XAG.OTE70M)OT/OW03 XA74G LA75/YHWF80H
 \$IB:(A71T YFMI73YM B.A/\$.FNF92H XUQ.A70T (OWLFM03 L:/DORO74T"Y/KE80M?
 B.A/XO71DE\$ HA/\$:BIY(I73Y T.FXO71G.W.)OT/O75W00 ⁴² B.A/S.UK.O71T T."\$:B73W.
 \$IB:(A74T YFMI92YM K.FL-HF75)/EZ:RFX03? B.:/YI&:RF)"80L Y"\$:B73W.

B.A/S.UK.O75T00 ⁴³ L:MA(AN02 Y"D:(74W. DORO75T"Y/KEM01 K.I74Y BA/S.UK.O81WT HOW\$A33B:T.IY03?)ET-B.:N"74Y YI&:RF)"80L B.:/HOWCIY)/I71Y)OWT/F73M M")/E74REC MIC:RF92YIM):ANI73Y Y:HWF71H):ELOH"Y/KE75M00? ⁴⁴ WA/Y:DAB."74R MO\$E80H)ET-MO(:AD"73Y Y:HWF92H)EL-B.:N"73Y YI&:RF)"75L00 **24** ¹ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.")/MO75R00 ² CA62W)ET-B.:N"74Y YI&:RF)"81L W:/YIQ:X63W.?)"LE61Y/KF \$E74MEN ZA71YIT ZF91K: K.FTI73YT LA/M.F)O92WR L:/HA(:ALO71T N"73R T.FMI75YD00 ³ MI/XW.C04 L:/PFRO63KET? HF/("DU61T B.:/O74HEL MOW("81D YA(:AROK:04)OT/O63W)AH:ARO61N M"/(E94REB (AD-B.O91QER LI/P:N"71Y Y:HWF73H? T.FMI92YD XUQ.A71T (OWLF73M L:/DORO75T"Y/KE75M00 ⁴ 10(AL HA/M.:NORF74H HA/+:.HORF80H YA(:ARO73K:)ET-?HA/N."RO92WT LI/P:N"71Y Y:HWF73H T.FMI75YD00 ⁵ W:/LFQAX:T.F74 SO80LET W:/)FPIYTF74)OT/F80H.? \$:T."71YM (E&:R"73H XAL.O92WT \$:N"Y03 (E&:RONI80YM YIH:YE73H HA75/XAL.F71H HF)/EXF75T00 ⁶ W:/&AM:T.F71?)OWT/F91M \$:T.A71YIM MA75(:ARFKO73WT \$"74\$ HA75/M.A(:ARF92KET (A91L HA/\$.UL:XF71N HA/+.FHO73R LI/P:N"71Y Y:HWF75H00? ⁷ W:/NFTAT.F71 (AL-HA75/M.A(:ARE73KET L:BONF74H ZAK.F92H W:/HFY:TF70H LA/L.E33XEM03 L:/)AZ:K.FRF80H)I\$.E73H? LA75/YHWF75H00 ⁸ B.:/YO63WM HA/\$.AB.F61T B.:/YO74WM HA/\$.AB.F81T YA75(AR:K/E91N.W. LI/P:N"71Y Y:HWF73H T.FMI92YD M"/)"71T? B.:N"75Y-YI&:RF)"73L B.:RI71YT (OWLF75M00 ⁹ W:/HF75Y:TFH03 L:/)AH:ARO74N W./L:/BFNF80Y/W WA/):AKFLU73/HW. B.:/MFQO74WM? QFDO92\$ K.I83Y QODE\$04 QF95DF\$I63YM H71W.) L/O91W M"/)I\$. "71Y Y:HWF73H XFQ-(OWLF75M00 ¹⁰ WA/Y."C")03 B.EN-)I\$.F74H YI&:R:) "LI80YT W:/HW.)03 B.EN-)I74Y\$ MIC:RI80Y B.:/TO73WK: B.:N"74Y? YI&:RF)"92L WA/Y.IN.FCW.03 B.A75/M.AX:ANE80H 10B.EN HA/Y.I&:R:) "LI80YT W:/)I73Y\$ HA/Y.I&:R:) "LI75Y00 ¹¹ 14WA/Y.IQ.OB B.EN-?HF75/)I\$.F63H HA/Y.I&:R:) "LI70YT)ET-HA/\$."M03 WA/Y:QAL."80L WA/Y.FBI71Y)W.)OT/O73W)EL-MO\$E92H W:/)"71M)IM./O91W? \$:LOMI71YT B.AT-D.IB:RI73Y L:/MA+."H-DF75N00 ¹² WA/Y.AN.IYXU73/HW. B.A/M.I\$:MF92R LI/P:RO71\$ L/FHE73M (AL-?P.I71Y Y:HWF75H00 ¹³ WA/Y:DAB."71R Y:HWF73H)EL-MO\$E71H L.")/MO75R00 ¹⁴ HOWC"74))ET-?HA75/M:QAL."81L)EL-MI/XW.C03 LA75/M.AX:ANE80H W:/SFM:K94W. KF75L-HA/\$.OM:(I91YM)ET-Y:D"Y/HE73M (AL-?RO)\$/O92W W:/RFG:M71W.)OT/O73W K.FL-HF/("DF75H00 ¹⁵ W:/)EL-B.:N"71Y YI&:RF)"73L T.:DAB."74R L")/MO92R?)I71Y\$)I91Y\$ K.I75Y-Y:QAL."71L):ELOHF73Y/W W:/NF&F71) XE+:)/O75W00 ¹⁶ W:/NOQ"70B \$"M-Y:HWFH03 MO74WT? YW.MF80T RFGO71WM YIR:G.:MW.-B/O73W K.FL-HF/("DF92H K.A/G."R03 K.F75)EZ:RF80X B.:/NFQ:B/OW-\$"73M YW.MF75T00? ¹⁷ W:/)I85Y\$ K.I71Y YAK.E73H K.FL-NE74PE\$)FDF92M MO73WT YW.MF75T00 ¹⁸ W./MAK."71H NE75PE\$-B.:H"MF73H? Y:\$AL.:M/E92N.FH NE73PE\$ T.A71XAT NF75PE\$00 ¹⁹ W:/)I85Y\$ K.I75Y-YIT."71N M73W.M B.A/(:AMIYT/O92W K.A/):ASE74R (F&F80H? K."73N Y"(F71&EH L./O75W00 ²⁰ 10\$EBER T.A74XAT \$E80BER 10(AYIN T.A74XAT (A80YIN \$"73N T.A74XAT \$"92N K.A/):A\$E63R? YIT."71N MW.M03 B.F75)/FDF80M K."73N YIN.F71TEN B./O75W00 ²¹ W./MAK."71H B:H"MF73H Y:\$AL.:M/E92N.FH W./MAK."71H)FDF73M? YW.MF75T00 ²² M\$:P.A70+)EXFD03 YIH:YE74H L/FKE80M K.A/G."71R K.F)/EZ:RF73X YIH:YE92H K.I91Y):ANI71Y Y:HWF73H?):ELOH"Y/KE75M00 ²³ WA/Y:DAB."74R MO\$EH02)EL-B.:N"74Y YI&:RF)"L01 WA/Y.OWCI74Y)W.)ET-HA75/M:QAL."81L)EL-?MI/XW.C03 LA75/M.AX:ANE80H WA/Y.IR:G.:M71W.)OT/O73W)F92BEN W./B:N"75Y-YI&:RF)"74L (F&80W. K.A95/):A\$E91R CIW.F71H Y:HWF73H?)ET-MO\$E75H00 **25** ¹ WA/Y:DAB."70R Y:HWFH03)EL-MO\$E80H B.:/HA71R SIYNA73Y L")/MO75R00 ² D.AB."62R)EL-B.:N"70Y? YI&:RF)"L03 W:/)FMAR:T.F74):AL/"HE80M K.I70Y TFBO33)W.03)EL-HF/)F80REC):A\$E71R):ANI73Y NOT"74N L/FKE92M? W:/\$FB:TF74H HF/)F80REC \$AB.F73T LA/YHWF75H00 ³ \$"70\$ \$FNIYM03 T.IZ:RA74(&FD/E80KF W:/)"71\$ \$FNI73YM? T.IZ:MO74R K.AR:M/E92KF W:/)FSAP:T.F73)ET-T.:BW.)FT/F75H.00 ⁴ W./BA/\$.FNF74H HA/\$.BIY(I81T \$AB.A70T \$AB.FTOWN03? YIH:YE74H LF/)F80REC \$AB.F73T LA/YHWF92H &F75D/:KF03 LO74) TIZ:RF80(W:/KAR:M/:KF73 LO71) TIZ:MO75R00 ⁵)"74T? S:PI70YXA Q:CI75YR/:KF03 LO74) TIQ:CO80WR W:/)ET-(IN.:B"71Y N:ZIYR/E73KF LO74) TIB:CO92R \$:NA71T \$AB.FTO73WN? YIH:YE71H LF/)F75REC00 ⁶ 14W:/HFY:TFH \$AB.A63T HF/)F70REC L/FKEM03 L:/)FK:LF80H L:/KF73 W./L:/)AB:D/:KF74? W:/LA/):AMFT/E92KF W:/LI/&:KI75YR/:KF03

W./L:/TOW\$F74B:/KF80 HA/G.FRI73YM (IM./F75K:00 ⁷ W:/LI63/B:HEM:T./:KF80
W:/LA75/XAY.F73H?):\$E74R B.:)AR:C/E92KF T.IH:YE71H KFL-T.:BW.)FT/F73H.
LE/):EKO75L00 ⁸ W:/SFPAR:T.F74 L:/KF81? 10\$EBA(\$AB.:TO74T \$FNI80YM \$E71BA(
\$FNI73YM \$E74BA(P.:FMI92YM W:/HFY74W. L:/KF81 Y:M"Y03 10\$EBA(\$AB.:TO74T?
HA/\$.FNI80YM T."71\$A(W:/)AR:B.F(I73YM \$FNF75H00 ⁹ W:/HA95(:ABAR:T.F62
\$OWPA70R T.:RW.(FH03 B.A/XO74DE\$? HA/\$.:BI(I80Y B.E/(F&O73WR LA/XO92DE\$
B.:YOWM03 HA/K.IP.URI80YM T.A(:ABI71YRW. \$OWPF73R B.:/KFL-)AR:C/:KE75M00?
¹⁰ W:/QID.A\$:T.E81M)"74T \$:NA70T HA/X:AMIS.IYM03 \$FNF80H W:/Q:RF)TE71M
D.:RO91WR B.F)/F73REC L:/KFL-?YO\$:BE92Y/HF YOWB"71L HIW)03 T.IH:YE74H
L/FKE80M W:/\$AB:T.E81M 10)IY\$)EL-):AXUZ.FT/O80W W:/)I71Y\$
)EL-?MIS:P.AX:T.O73W T.F\$U75BW.00 ¹¹ YOWB"74L HI81W) \$:NA91T
HA/X:AMIS.I71YM \$FNF73H T.IH:YE74H L/FKE92M LO74)? TIZ:RF80(W. W:/LO70)
TIQ:C:RW.03)ET-S:PIYXE80Y/HF W:/LO71) TIB:C:R73W.)ET-N:ZIRE75Y/HF00 ¹² 10K.IY
YOWB"74L? HI80W) QO73DE\$ T.IH:YE74H L/FKE92M MIN-HA63/&.FDE80H
T.O)K:L73W.)ET-T.:BW.)FT/F75H.00? ¹³ B.I/\$:NA71T HA/Y.OWB"73L HA/Z.O92)T
T.F\$U85BW.)I73Y\$)EL-):AXUZ.FT/O75W00 ¹⁴ W:/KI75Y-TIM.K.:R70W.? MIM:K.FR03
LA/(:AMIYT/E80KF)O71W QFNO73H MI/Y.A74D (:AMIYT/E92KF)AL-T.OWN73W.
)I71Y\$)ET-)FXI75Y/W00? ¹⁵ B.:MIS:P.A70R \$FNIYM03)AXA74R HA/Y.OWB"80L
T.IQ:NE73H M")74T (:AMIYT/E92KF B.:MIS:P.A71R \$:N"75Y-?T:BW.)O73T
YIM:K.FR-L/F75K:00 ¹⁶ L:/PI74Y05 RO74B HA/\$.FNI81YM T.AR:B.EH03 MIQ:NFT/O80W
W./L:/PIY03 M:(O74+? HA/\$.FNI80YM T.AM:(I73Y+ MIQ:NFT/O92W 10K.IY MIS:P.A74R
T.:BW.)O80T H71W.) MOK"73R L/F75K:00 ¹⁷ W:/LO70)? TOWNW.03)I74Y\$
)ET-(:AMIYT/O80W W:/YFR"73)TF M"75/):ELOHE92Y/KF K.I91Y):ANI71Y Y:HOWF73H
):ELOH"Y/KE75M00? ¹⁸ WA/(:A&IYTEM03)ET-XUQ.OT/A80Y W:/)ET-MI\$:P.F+/A71Y
T.I\$:M:R73W. WA/(:A&IYTE74M)OT/F92M WI75/Y\$AB:T.E71M? (AL-HF)/F73REC
LF/BE75+AX00 ¹⁹ W:/NFT:NFT0H HF)/F33REC03 P.IR:Y/F80H. WA/):AKAL:T.E73M
LF/&O92BA(WI75/Y\$AB:T.E71M? LF/BE73+AX (FLE75Y/HF00 ²⁰ W:/KI74Y TO)M:R80W.
MAH-N.O)KA73LJ3 B.A/\$.FNF74H HA/\$.:BIY(I92T 10H"N LO74) NIZ:RF80(? W:/LO71)
NE):ESO73P)ET-T.:BW.)FT/"75NW.00 ²¹ W:/CIW.I70YTIY)ET-B.IR:KFT/ITY03 L/FKE80M
B.A/\$.FNF73H HA/\$.I\$.I92YT? W:/F&FT03)ET-HA/T.:BW.)F80H LI/\$:LO73\$
HA/\$.FNI75YM00 ²² W:/Z:RA:(T.E81M 10)"T HA/\$.FNF74H HA/\$.:MIYNI80T?
WA/):AKAL:T.E73M MIN-HA/T.:BW.)F74H YF\$F92N (A74D05 HA/\$.FNF74H
HA/T.:SIY(I81T (AD-B.OW)03 T.:B74Y)FT/F80H.? T.O)K:L73W. YF\$F75N00
²³ W:/HF/F81REC LO70) TIM.FK"R03 LI/C:MITU80T K.IY-L/I73Y HF)/F92REC
K.I75Y-G"RI94YM? W:/TOW\$FBI91YM)AT.E73M (IM.FD/I75Y00 ²⁴ W:/B:/KO73L)E74REC
):AXUZ.AT/:KE92M G.:)UL.F73H T.IT.:N71W. LF)/F75REC00? ²⁵ K.I75Y-YFM74W.K:
)FXI80Y/KF W./MFKA73R M")AXUZ.FT/O92W W./BF70) GO75):AL/OW03 HA/Q.FRO74B
)"LF80Y/W? W:/GF)A85L)"73T MIM:K.A71R)FXI75Y/W00 ²⁶ W:/)I85Y\$ K.I91Y LO71)
YI75H:YEH-L./O73W G.O)"92L W:/HI&I74YGFH YFD/O80W? W./MFCF73) K.:D"71Y
G:)UL.FT/O75W00 ²⁷ W:/XI\$.AB03)ET-\$:N"74Y MIM:K.FR/O80W W:/H"\$IYB03
)ET-HF74/(OD"80P? LF)/I73Y\$):\$E74R MF75KAR-L/O92W W:/F73B
LA/):AXUZ.FT/O75W00 ²⁸ W:/)I63M LO75)-MF95C:)F61H YFD/O81W D."Y02 HF\$I74YB?
L/OW01 W:/HFYF74H MIM:K.FR/O81W B.:YAD03 HA/Q.ONE74H)OT/O80W (A73D
\$:NA74T HA/Y.OWB"92L W:/YFCF)03 B.A/Y.OB"80L W:/F73B? LA/):AXUZ.FT/O75W00
²⁹ W:/)I81Y-K.I75Y-YIM:K.O70R B."YT-MOW\$AB03 (I74YR XOWMF80H W:/HFY:TFH03
G.:)UL.FT/O80W? (AD-T.O73M \$:NA74T MIM:K.FR/O92W YFMI73YM T.IH:YE71H
G:)UL.FT/O75W00 ³⁰ W:/)I74M W:/)I74M LO75)-LO75)-YIG.F)"81L YIG.F)"81L
(AD-?(AD-?M:LO74)T M:LO74)T L/OW02 L/OW02 \$FNF74H \$FNF74H T:MIYMFH01
T:MIYMFH01 14W:/QFM 14W:/QFM HA/B.A63YIT HA/B.A63YIT
):A\$ER-):A\$ER-B.F/(I61YR B.F/(I61YR **L/O74W):\$A\$ER-XOMF81H? **L/O74W
LA/C.:MIYTU91T XOMF81H? LA/Q.ONE71H LA/C.:MIYTU91T)OT/O73W LA/Q.ONE71H
L:/DOROTF92Y/W)OT/O73W LO71) L:/DOROTF92Y/W Y"C"73) LO71) B.A/Y.OB"75L00
Y"C"73) B.A/Y.OB"75L00 ³¹ W:/BFT."74Y HA/X:AC"RI81YM?):\$E63R)"YN-L/FHE70M
XOMFH03 SFBI80YB (AL-&:D"71H HF)/F73REC Y"XF\$"92B G.:)UL.FH03
T.IH:YEH-L./O80W? W:/BA/Y.OB"73L Y"C"75)00 ³² W:/F73Y03 HA/L:WIY.I80M B.FT."73Y
(FR"74Y)AXUZ.FT/F92M G.:)UL.A71T (OWLF73M T.IH:YE71H? LA/L:WIY.I75M00
³³ WA/):A\$E70R YIG:)AL03 MIN-HA/L:WIY.I80M W:/YFCF94) MIM:K.AR-B.A91YIT

W:/(I71YR):AXUZ.FT/O73W? B.A/Y.OB"92L K.I74Y BFT."62Y (FR"74Y HA/L:WIY.I81M 10HIW)):AXUZ.FT/F80M B.:TO73WK: B.:N"71Y YI&:RF)"75L00 ³⁴ W.95/&:D"91H? MIG:RA71\$ (FR"Y/HE73M LO74) YIM.FK"92R K.I75Y-):AXUZ.A71T (OWLF91M H73W.) L/FHE75M00 ³⁵ W:/KI75Y-?YFM74W.K:)FXI80Y/KF W./MF71+FH YFD/O73W (IM./F92K: W:/HE75X:EZA74Q:T.F B./O80W G."94R W:/TOW\$F91B WF/XA73Y (IM./F75K:00? ³⁶)AL-T.IQ.A70X M"75/)IT./OW03 NE74\$EK: W:/TAR:B.I80YT W:/YFR"73)TF M"95):ELOHE92Y/KF W:/X"71Y)FXI73Y/KF (IM./F75K:00? ³⁷)E63T-K.AS:P./:KF80 LO75)-TIT."71N L/O73W B.:NE92\$EK: W:/B:/MAR:B.I73YT LO)-TIT."71N)FK:L/E75KF00 ³⁸):ANI81Y? Y:HWFH03):ELO74H"Y/KE80M):A\$ER-HOWC"71)TIY)ET:/KE73M M")E74REC MIC:RF92YIM LF/T"70T L/FKEM03)ET-?)E74REC K.:NA80(AN LI/H:YO71WT L/FKE73M L")LOHI75YM00 ³⁹ W:/KI75Y-YFM71W.K:)FXI91Y/KF (IM./F73K:? W:/NIM:K.AR-L/F92K: LO)-TA:(ABO71D B./O73W (:ABO71DAT (F75BED00 ⁴⁰ K.:&FKI71YR K.:TOW\$F73B YIH:YE74H? (IM./F92K: (AD-\$.NA71T HA/Y.OB"73L YA:(ABO71D (IM./F75K:00 ⁴¹ W:/YFCF)03 M"75/(IM./F80K: H73W.) W:/BFNF74Y/W (IM./O92W? W:/\$FB03)EL-MI\$.P.AX:T/O80W W:/)EL-):AXUZ.A71T):ABOTF73Y/W YF\$75W.B00 ⁴² K.I75Y-(ABFD/A74Y H"80M):A\$ER-?HOWC"71)TIY)OT/F73M M")E74REC MIC:RF92YIM LO71) YIM.FK:R73W. MIM:K.E71RET (F75BED00 ⁴³ LO)-?TIR:D.E71H B/O73W B.:PF92REK: W:/YFR"73)TF M")ELOHE75Y/KF00 ⁴⁴ W:/AB:D./:KF71 WA):AMFT:/KF73):A\$E74R YIH:YW.-?L/F92K: M")74T HA/G.OWYI81M):A\$ER03 S:BIYBO74T"Y/KE80M M"/HE71M T.IQ:N73W. (E71BED W:/)FMF75H00 ⁴⁵ 14W:/GAM? MI/B.:N"63Y HA/T.OW\$FBI61YM HA/G.FRI70YM (IM./FKEM03 M"/HE74M T.IQ:N80W. W./MI/M.I\$.P.AX:T/FM03):A\$E74R (IM./FKE80M?):A\$E71R HOWLI73YDW. B.:)AR:C:/KE92M W:/HFY71W. L/FKE73M LA95):AXUZ.F75H00 ⁴⁶ W:/HIT:NAX:AL:T.E63M]1)OT/F61M? LI/B:N"Y/KE70M)AX:AR"Y/KEM03 LF/RE74\$ET):AXUZ.F80H L:/(OLF73M B./FHE74M T.A:(ABO92DW. W:/B:/)A63X"Y/KE70M? B.:N"75Y-YI&:RF)"L03)I74Y\$ B.:)FXI80Y/W LO)-TIR:D.E71H B/O73W B.:PF75REK:00 ⁴⁷ W:/KI74Y TA&.I81YG? YA74D G."70R W:/TOW\$FB03 (IM./F80K: W./MF71K:)FXI73Y/KF (IM./O92W W:/NIM:K.A81R L:/G"70R T.OW\$FB03 (IM./F80K:)O71W? L:/(("73QER MI\$.P.A71XAT G."75R00 ⁴⁸)AX:AR"74Y NIM:K.A80R G.:)UL.F73H T.IH:YEH-L./O92W)EXF71D M")EXF73Y/W? YIG:)FL/E75N.W.00 ⁴⁹)OW-DOD/O62W)O70W BEN-D.OD/OW03 YIG:)FL/E80N.W.)O75W-MI/\$.:)"94R B.:&FR/O91W MI/M.I\$.P.AX:T/O73W? YIG:)FL/E92N.W.)O75W-HI&.I71YGFH YFD/O73W W:/NIG:)F75L00 ⁵⁰ W:/XI\$.AB03 (IM-QON/"80HW. MI/\$.:NAT03 HIM.F74K:R/OW? L/O80W (A73D \$.NA74T HA/Y.OB"92L W:/HFYF62H K.E70SEP MIM:K.FR/OW03 B.:MIS:P.A74R \$FNI80YM K.I/YM"71Y &FKI73YR? YIH:YE71H (IM./O75W00 ⁵¹)IM-(O71WD RAB.O73WT B.A/\$.FNI92YM L:/PIY/HEN03 YF\$I74YB G.:)UL.FT/O80W MI/K.E73SEP? MIQ:NFT/O75W00 ⁵² W:/)IM-M:(A62+ NI\$:)A94R B.A/\$.FNI91YM (AD-\$.NA71T HA/Y.OB"73L W:/XI\$.AB-L/O92W K.:PI74Y? \$FNF80Y/W YF\$I73YB)ET-G.:)UL.FT/O75W00 ⁵³ K.I/&:KI71YR \$FNF91H B.:\$FNF73H YIH:YE74H (IM./O92W LO75)-YIR:D./E71N.75W.?]3 B.:PE73REK: L:/(("YNE75Y/KF00 ⁵⁴ W:/)IM-LO71) YIG.F)"73L B.:)"92L.EH W:/YFCF)03 B.I/\$.NA74T HA/Y.OB"80L H73W.) W:/BFNF71Y/W (IM./O75W00? ⁵⁵ K.I75Y-L/I70Y B:N"75Y-YI&:RF)"L03 (:ABFDI80YM (:ABFD/A74Y H"80M):A\$ER-HOWC"71)TIY)OWT/F73M? M")E74REC MIC:RF92YIM):ANI73Y Y:HWF71H):ELOH"Y/KE75M00 **26** ¹ LO75)-TA:(A&63W. L/FKE61M):ELIYLI81M? W:/PE70SEL W./MAC."BFH03 LO75)-TFQI74YMW. L/FKE80M W:/)E74BEN MA&:K.I81YT LO70) TIT.:NW.03 B.:)AR:C:/KE80M? L:/HI75T.TAX:AWO73T (FLE92Y/HF K.I91Y):ANI71Y Y:HWF73H):ELOH"Y/KE75M00 ²)ET-\$AB.:TOT/A74Y T.I\$:MO80RW.? W./MIQ:D.F\$/I73Y T.IYRF92)W.):ANI73Y Y:HWF75H00 ³)IM-B.:XUQ.OT/A73Y T."L"92KW. W:/)ET-MIC:WOT/A74Y T.I\$:M:R80W. WA:/(A&IYTE73M)OT/F75M00 ⁴ W:/NFTAT.I71Y? GI\$:M"Y/KE73M B.:/(IT./F92M W:/NFT:NFT70H HF)/F33REC03 Y:BW.L/F80H. W:/("71C HA/&.FDE73H YIT."71N P.IR:Y/O75W00 ⁵ W:/HI&.I63YG? L/FKE71M D.A33YI\$03)ET-B.FCI80YR W:/BFCI73YR YA&.I74YG)ET-ZF92RA(WA):AKAL:T.E70M LAX:M:/KEM03 LF/&O80BA(? WI75/Y\$AB:T.E71M LF/BE73+AX B.:)AR:C:/KE75M00 ⁶ W:/NFTAT.I70Y \$FLOWM03 B.F)/F80REC W:/\$.KAB:T.E73M W:/)"74YN? MAX:ARI92YD W:/HI\$.B.AT.I62Y XAY.F70H RF(FH03 MIN-HF)/F80REC W:/XE73REB LO)-TA:(ABO71R B.:)AR:C:/KE75M00? ⁷ W:/R:DAP:T.E73M)ET-)OY:B"Y/KE92M W:/NFP:L71W. LI/P:N"Y/KE73M LE/XF75REB00]2 ⁸ W:/RFD:PW.03 MI/K.E70M X:AMI\$.FH03? M")F80H

W./M")F71H MI/K.E73M R:BFBF74H YIR:D.O92PW. W:/NFP:L94W.)OY:B"Y/KE91M
 LI/P:N"Y/KE73M LE/XF75REB00? ⁹ W./PFN174YTIY):AL"Y/KE80M W:/HIP:R"YTI74Y
)ET/:KE80M W:/HIR:B."Y/TI73Y)ET/:KE92M WA/H:AQIYMOTI71Y)ET-?B.:RIYTI73Y
)IT./:KE75M00 ¹⁰ WA/):AKAL:T.E71M YF\$F73N NOW\$F92N W:/YF\$F85N MI/P.:N"71Y
 XFDF73\$ T.OWC175Y)W.00? ¹¹ W:/NFTAT.I71Y MIS:K.FN/I73Y B.:TOWK/:KE92M
 W:/LO75)-TIG:(A71L NAP:\$/I73Y)ET/:KE75M00 ¹² W:/HIT:HAL.AK:T.IY03?
 B.:TO74WK/:KE80M W:/HFYI71YTIY L/FKE73M L"75/)LOHI92YM W:/)AT.E73M
 T.IH:YW.-L/I71Y L:(F75M00 ¹³):ANI62Y Y:HWF74H?):ELO75H"Y/KE81M):A\$E63R
 HOWC"70)TIY)ET/:KEM03 M")E74REC MIC:RA80YIM MI75/H:YO71T L/FHE73M
 (:ABFDI92YM? WF)E\$B.OR03 MO+O74T (UL./:KE80M WF)OWL"71K:)ET/:KE73M
 QO75WM:MIY.75W.T00 ¹⁴ W:/)IM-LO71)? TIS:M:(73W. L/I92Y W:/LO74) TA(:A&80W.
)"71T K.FL-HA/M.IC:WO73T HF)"75L.EH00 ¹⁵ W:/)IM-B.:XUQ.OT/A74Y? T.IM:)F80SW.
 W:/)I71M)ET-MIS:P.F+/A73Y T.IG:(A74L NAP:\$/:KE92M L:/BIL:T.I70Y (:A&OWT03
)ET-K.FL-MIC:WOT/A80Y? L:/HAP:R/:KE73M)ET-B.:RIYT/I75Y00 ¹⁶)AP-):ANI62Y
)E95:(E&EH-Z.O74)T L/FKE81M W:/HIP:QAD:T.I63Y? (:AL"Y/KE70M B.E75HFLFH03
)ET-HA/\$.AXE74PET W:/)ET-HA/Q.AD.A80XAT M:KAL.O71WT ("YNA73YIM
 W./M:DIYBO74T? NF92PE\$ W:/Z:RA(:T.E70M LF/RIYQ03 ZAR:(/AKE80M
 WA/):AKFLU73/HW.)OY:B"Y/KE75M00 ¹⁷ W:/NFTAT.I70Y PFN/AY03 B./FKE80M?
 W:/NIG.AP:T.E73M LI/P:N"74Y)OY:B"Y/KE92M W:/RFD70W. B/FKEM03
 &O75N:)Y/KE80M W:/NAS:T.E73M W:/)"YN-ROD"71P?)ET/:KE75M00
¹⁸ W:/)I63M-(AD-)"80L.EH LO71) TIS:M:(73W. L/I92Y W:/YFSAP:T.IY03 L:/YAS.:RF74H?
)ET/:KE80M \$E73BA((AL-XA+.O)T"Y/KE75M00 ¹⁹ W:/\$FBAR:T.I73Y)ET-G.:O74WN
 (UZ./:KE92M W:/NFTAT.I70Y)ET-?S:M"Y/KEM03 K.A/B.AR:ZE80L
 W:/)E75T-)AR:C/:KE73M K.A/N.:XU\$F75H00 ²⁰ W:/TA71M LF/RI73YQ K.OX:/AKE92M
 W:/LO75)-?TIT."70N)AR:C/:KEM03)ET-Y:BW.L/F80H. W:/("74C HF)/F80REC LO71)
 YIT."73N P.IR:Y/O75W00 ²¹ W:/)IM-T."75L:K70W.? (IM./IY03 QE80RIY W:/LO71)
 TO)B73W. LI/\$:MO74(A75 L/I92Y W:/YFSAP:T.I70Y (:AL"Y/KEM03 MAK.F80H \$E73BA(?
 K.:XA+.O)T"Y/KE75M00 ²² W:/HIS:LAX:T.I63Y B/FKE61M)ET-XAY.A70T HA/&FDEH03
 W:/\$IK.:LF74H)ET/:KE80M? W:/HIK:RI33YTFH03)ET-B.:HEM:T./:KE80M
 W:/HIM:(I73Y+FH)ET/:KE92M W:/NF\$A73M.W. D.AR:K"Y/KE75M00
²³ W:/)I63M-?B.:)"80L.EH LO71) TIW.FS:R73W. L/I92Y WA/H:ALAK:T.E71M (IM./I73Y
 QE75RIY00 ²⁴ W:/HFLAK:T.I94Y)AP-):ANI91Y (IM./FKE73M? B.:QE92RIY
 W:/HIK."YTI70Y)ET/:KEM03 G.AM-:F80NIY \$E73BA((AL-XA+.O)T"Y/KE75M00
²⁵ W:/H"B")TI63Y? (:AL"Y/KE61M XE81REB NOQE33MET03 N:QAM-B.:RI80YT
 W:/NE):ESAP:T.E73M)EL-(FR"Y/KE92M W:/\$IL.A70X:T.IY? DE33BER03
 B.:TO74WK/:KE80M W:/NIT.AT.E73M B.:YAD-)OWY"75B00 ²⁶ B.:\$IB:R/I74Y L/FKEM02
 MA+."H-LEXEM01 14W:/)FPW.? (E74&ER NF\$I70YM LAX:M/:KEM03 B.:TAN.74W.R
)EXF80D W:/H"\$I71YBW. LAX:M/:KE73M B.A/M.I\$QF92L WA/):AKAL:T.E73M?
 W:/LO71) TI&B.F75(W.00 ²⁷ W:/)I63M-B.:ZO80)T LO71) TIS:M:(73W. L/I92Y
 WA/H:ALAK:T.E71M (IM./I73Y? B.:QE75RIY00 ²⁸ W:/HFLAK:T.I71Y (IM./FKE73M
 B.A/X:AMAT-QE92RIY W:/YIS.AR:T.I70Y)ET/:KEM03)AP-)F80NIY \$E73BA(?
 (AL-XA+.O)T"Y/KEM00]1 ²⁹ WA/):AKAL:T.E73M B.:&A74R B.:N"Y/KE92M W:/B:&A71R
 B.:NOT"Y/KE73M T.O)K"75LW.00? ³⁰ W:/HIS:MAD:T.I62Y)ET-B.FMO75T"Y/KE81M
 W:/HIK:RAT.IY03)ET-XAM.F74N"Y/KE80M W:/NF75TAT.IY03)ET-P.IG:R"Y/KE80M?
 (AL-P.IG:R73Y G.IL.W.L"Y/KE92M W:/GF:(ALF71H NAP:\$/I73Y)ET/:KE75M00
³¹ W:/NFTAT.I70Y)ET-(F75R"Y/KEM03 XFR:B.F80H? WA/H:AIM.OWTI73Y
)ET-MIQ:D.:S"Y/KE92M W:/LO74))FRI80YXA B.:R"73YXA NIYXO75X:/AKE75M00
³² WA/H:\$IM.OTI71Y?):ANI73Y)ET-HF)/F92REC W:/\$F75M:M70W. (FLE33Y/HF03
)O75Y:B"Y/KE80M HA/Y.O\$BI73YM B./F75H.00 ³³ W:/)ET/:KEM03?):EZFRE74H
 BA/G.OWYI80M WA/H:ARIYQOTI71Y)AX:AR"Y/KE73M XF92REB W:/HFY:TF70H
)AR:C/:KEM03 \$.MFMF80H W:/(FR"Y/KE73M? YIH:Y71W. XFR:B.F75H00 ³⁴)FZ04
 T.IR:CE63H HF)/F61REC)ET-\$AB.:TOTE81Y/HF 10K.OL Y:M"74Y H:F\$.AM.F80H?
 W:/)AT.E73M B.:E74REC)OY:B"Y/KE92M 10)FZ T.I\$B.A74T HF)/F80REC W:/HIR:CF73T
)ET-\$AB.:TOTE75Y/HF00? ³⁵ K.FL-Y:M"71Y HF\$.AM.F73H T.I\$B.O92T)"74T):A\$E94R
 LO75)-\$FB:TF91H B.:\$AB.:TOT"Y/KE73M B.:\$IB:T./:KE71M? (FLE75Y/HF00
³⁶ W:/HA/N.I\$:)FRI74YM B./FKE80M W:/H"B"70)TIY MO33REK:03 B.I/L:BFB/F80M
 B.:)AR:CO73T)OY:B"Y/HE92M? W:/RFDA74P)OT/F81M 10QOWL (FLE74H NID.F80P

W:/NFS94W. M:NU75SAT-XE91REB W:/NFP:L73W. W:/)"71YN ROD"75P00?
³⁷ W:/KF\$:L94W.)IY\$:B.:/FXI91Y/W K.:/MI/P.:N"Y-XE73REB W:/ROD"74P)F92YIN
W:/LO)-TI75H:YE70H L/FKEM03? T.:QW.MF80H LI/P:N"73Y)O75Y:B"Y/KE75M00
³⁸ WA/):ABAD:T.E73M B.A/G.OWYI92M W:/)FK:LF74H)ET/:KE80M)E73REC?
)OY:B"Y/KE75M00 ³⁹ W:/HA/N.IS:)FRI74YM B./FKE81M YIM.A33Q.W.03
B.A95/(:AWON/F80M B.:/AR:CO73T)OY:B"Y/KE92M W:/)A91P? B.A/(:AWONO71T
):ABOT/F73M)IT./F71M YIM.F75Q.W.00 ⁴⁰ W:/HIT:WAD.70W.)ET-(:AWON/FM03
W:/)ET-(:AWO74N):ABOT/F80M? B.:/MA(:AL/F73M):A\$E74R MF75(:ALW.-B/I92Y
W:/)A85P):A\$ER-HF95L:K71W. (IM./I73Y B.:/QE75RIY00 ⁴¹)AP-):ANI81Y?)"L"70K:
(IM./FM03 B.:/QE80RIY W:/H"B")TI74Y)OT/F80M B.:/E73REC)OY:B"Y/HE92M
)OW-F74Z YIK.FNA81(? L:BFB/FM03 HE75/(FR"80L W:/)F73Z YIR:C71W.
)ET-(:AWON/F75M00 ⁴² W:/ZFKAR:T.I73Y)ET-B.:RIYT/I74Y YA(:AQO92WB? W:/)AP04
)ET-B.:RIYT/I63Y YIC:XF61Q W:/)A63P)ET-B.:RIYT/I94Y)AB:RFHF91M)EZ:K.O73R
W:/HF/)F71REC?)EZ:K.O75R00 ⁴³ W:/HF/)FRECO4 T.("FZ"63B M"/HE61M W:/TI74REC
)ET-\$AB.:TOTE81Y/HF B.F/H:\$AM.FH03 M"/HE80M? W:/H"73M YIR:C74W.
)ET-(:AWON/F92M YA74(AN W./B:YA80(AN B.:/MIS:P.F+/A74Y MF)F80SW.
W:/)ET-XUQ.OT/A73Y G.F(:ALF71H? NAP:\$F75M00 ⁴⁴ W:/)AP-G.AM-14ZO)T
B.I75/H:YOWT/F62M B.:/E74REC)O75Y:B"Y/HE81M LO75)-M:AS:T.I70Y/M?
W:/LO75)-G:(AL:T.IY/M03 L:/KAL.OT/F80M L:/HFP"71R B.:RIYT/I73Y)IT./F92M K.I91Y
):ANI71Y Y:HWF73H):ELOH"Y/HE75M00? ⁴⁵ W:/ZFKAR:T.I71Y L/FHE73M B.:RI74YT
RI)\$ONI92YM):A\$E74R HOWC"75)TIY-)OT/FM04 M"/E63REC MIC:RA61YIM?
L:/("YN"74Y HA/G.OWYI81M LI/H:YO71T L/FHE91M L"/)LOHI73YM):ANI71Y
Y:HWF75H00 ⁴⁶ 14)"L.EH HA75/XUQ.I74YM? W:/HA/M.IS:P.F+IYM02 W:/HA/T.OWROT01
):A\$ER03 NFTA74N Y:HWF80H B."YN/O85W W./B"73YN B.:N"74Y YI&:RF)"92L
B.:/HA71R? SIYNA73Y B.:/YAD-MO\$E75H00 **27** ¹ WA/Y:DAB."71R Y:HWF73H
)EL-MO\$E71H L.)/MO75R00 ² D.AB."62R)EL-B.:N"70Y YI&:RF)"L03? W:/)FMAR:T.F74
):AL/"HE80M)I85Y\$ K.I71Y YAP:LI73) NE92DER B.:/ER:K.:KF71 N:PF\$O73T
LA75/YHWF75H00 ³ W:/HFYF70H? (ER:K.:KF03 HA/Z.FKF80R MI/B.EN03 (E&:RI74YM
\$FNF80H W:/)A73D B.EN-\$I\$.I74YM \$FNF92H W:/HFYF74H (ER:K.:KF81? X:AMI\$.I91YM
\$E71QEL K.E73SEP B.:/\$E71QEL HA/Q.O75DE\$00 ⁴ W:/)IM-N:Q"BF73H HI92W)
W:/HFYF71H (ER:K.:KF73? \$:LO\$I71YM \$F75QEL00 ⁵ W:/)I63M MI/B.EN-XFM"61\$
\$FNI81YM W:/)AD03 B.EN-(E&:RI74YM \$FNF80H W:/HFYF94H? (ER:K.:KF91
HA/Z.FKF73R (E&:RI74YM \$:QFLI92YM W:/LA/N.:Q"BF73H (:A&E71RET \$:QFLI75YM00
⁶ W:/)I74M MI/B.EN-?XO81DE\$ W:/)AD03 B.EN-XFM"74\$ \$FNI80YM W:/HFYF70H
(ER:K.:KF03 HA/Z.FKF80R X:AMI\$.F71H \$:QFLI73YM K.F92SEP? W:/LA/N.:Q"BF74H
(ER:K.:KF80 \$:LO71\$ET \$:QFLI73YM K.F75SEP00 ⁷ 14W:/)IM MI/B.EN-\$I\$.I63YM
\$FNF70H? WF/MA33(:L/FH03)IM-ZFKF80R W:/HFYF74H (ER:K.:KF80 X:AMI\$.F71H
(F&F73R \$F92QEL W:/LA/N.:Q"BF73H (:A&FRF71H? \$:QFLI75YM00 ⁸ W:/)IM-MF71K:
HW.)03 M"75/(ER:K./E80KF W:/HE75:(EMIYD/OW03 LI/P:N"74Y HA/K.OH"80N
W:/HE:(ERI71YK:)OT/O73W? HA/K.OH"92N (AL-P.I81Y):A\$E70R T.A&.IYG03 YA74D
HA/N.OD"80R YA(:ARIYK/E73N.W. HA/K.OH"75N00 ⁹ W:/)IM-?B.:H"MF80H):A\$E63R
YAQ:RI94YBW. MI/M./E91N.FH QFR:B.F73N LA75/YHWF92H K.OL04):A\$E63R YIT."71N
MI/M./E91N.W. LA/YHWF73H? YI75H:YEH-Q.O75DE\$00 ¹⁰ LO74) YAX:ALIYP/E81N.W.
W:/LO75)-YFMI71YR)OT/O91W +O71WB B.:/RF73()OW-RA74(B.:/+O92WB?
W:/)IM-HFM"63R YFMI70YR B.:H"MFH03 B.I/B:H"MF80H W:/HF75YFH-H71W.)
W:/T:MW.RFT/O73W YI75H:YEH-Q.O75DE\$00? ¹¹ W:/)IM03 K.FL-B.:H"MF74H +:M")F80H
14):A\$ER LO)-YAQ:RI94YBW. MI/M./E91N.FH QFR:B.F73N LA75/YHWF92H?
W:/HE95:(EMI71YD)ET-HA/B.:H"MF73H LI/P:N"71Y HA/K.OH"75N00 ¹² W:/HE:(ERI70YK:
HA/K.OH"N03)OT/F80H. B."71YN +O73WB? W./B"74YN RF92(K.:/ER:K.:KF71
HA/K.OH"73N K."71N YIH:YE75H00 ¹³ W:/)IM-G.F)O73L YIG:/FL/E92N.FH W:/YFSA71P
X:AMIY\$IT/O73W? (AL-(ER:K./E75KF00 ¹⁴ W:/)I81Y\$ K.I75Y-YAQ:D.I63\$
)ET-B."YT/O71W QO33DE\$03 LA75/YHWF80H? W:/HE:(ERIYK/OW03 HA/K.OH"80N
B."71YN +O73WB W./B"74YN RF92(K.A):A\$E63R YA(:ARI71YK:)OT/O91W
HA/K.OH"73N K."71N YFQ75W.M00? ¹⁵ W:/)I63M-HA/M.AQ:D.I80Y\$ YIG:)A73L
)ET-B."YT/O92W 14W:/YFSAP X:AMIY\$I94YT K.E75SEP-(ER:K.:KF91 (FLF73Y/W?
W:/HF71YFH L/O75W00 ¹⁶ W:/)I74M05 MI/&.:D"74H):AXUZ.FT/O81W YAQ:D.I71Y\$
)IY\$03 LA75/YHWF80H W:/HFYF71H? (ER:K.:KF73 L:/PI74Y ZAR:/(O92W 10ZERA(

XO74MER &:(ORI80YM B.A/X:AMI\$.I73YM \$E71QEL K.F75SEP00 ¹⁷)IM-?MI/\$.:NA71T
 HA/Y.OB"73L YAQ:D.I74Y\$ &FD/"92HW. K.:(ER:K./:KF73 YFQ75W.M00
¹⁸ W:/)IM-)AXA74R HA/Y.OB"L02 YAQ:D.I74Y\$? &FD/"HW.01 W:/XI\$.AB-L/O63W
 HA/K.OH"61N)ET-HA/K.E81SEP (AL-P.I70Y HA/\$.FNIYM03 HA/N.O74WTFRO80T (A73D
 \$:NA74T? HA/Y.OB"92L W:/NIG:RA73(M"75/(ER:K./E75KF00 ¹⁹ W:/)IM-G.F)O70L
 YIG:)AL03)ET-HA/&.FDE80H HA/M.AQ:D.I73Y\$)OT/O92W? 14W:/YFSAP X:AMI\$194YT
 K.E75SEP-(ER:K./:KF91 (FLF73Y/W W:/QF71M L/O75W00 ²⁰ W:/)IM-LO70) YIG:)AL03
)ET-?HA/&.FDE80H W:/)IM-MFKA71R)ET-HA/&.FDE73H L:/)I74Y\$)AX"92R LO71)
 YIG.F)"73L (O75WD00 ²¹ W:/HFYF63H? HA/&.FDE61H B.:/"C")T/O74W BA/Y.OB"81L
 QO91DE\$ LA75/YHWF73H K.I/&:D"74H HA/X"92REM LA/K.OH"73N T.IH:YE71H
):AXUZ.FT/O75W00? ²² W:/)IM03)ET-&:D"74H MIQ:NFT/O80W):A\$E85R LO73)
 MI/&:D"74H):AXUZ.FT/O92W YAQ:D.I73Y\$? LA75/YHWF75H00 ²³ W:/XI\$.AB-L/O74W
 HA/K.OH"81N 10)"T MIK:SA74T HF75/(ER:K./:KF80 (A73D \$:NA74T HA/Y.OB"92L
 W:/NFTA70N?)ET-HF/(ER:K./:KF03 B.A/Y.O74WM HA/H80W.) QO73DE\$ LA/YHWF75H00
²⁴ B.I/\$:NA70T HA/Y.OWB"L03 YF\$74W.B HA/&.FDE80H? LA):A\$E71R QFN/F73HW.
 M"/)IT/O92W LA):A\$ER-L/O73W):AXUZ.A71T HF/)F75REC00 ²⁵ W:/KFL-(ER:K./:KF80
 YIH:YE73H? B.:/\$E74QEL HA/Q.O92DE\$ (E&:RI71YM G."RF73H YIH:YE71H
 HA/\$.F75QEL00 ²⁶)AK:-B.:KO62WR?):A\$ER-Y:BUK.A70R LA75/YHWFH03
 B.I/B:H"MF80H LO75)-YAQ:D.I71Y\$)I73Y\$)OT/O92W)IM-\$O74WR)IM-&E80H?
 LA75/YHWF73H H75W.)00 ²⁷ W:/)I63M B.A/B.:H"MF70H HA/+:M")FH03 W:/PFDF74H
 B:/(ER:K./E80KF W:/YFSA71P X:AMISIT/O73W? (FLF92Y/W W:/)IM-LO71) YIG.F)"73L
 W:/NIM:K.A71R B.:/(ER:K./E75KF00 ²⁸)AK:-K.FL-X"83REM):A\$E74R YAX:ARIM04?
)I63Y\$ LA75/YHWF61H MI/K.FL-):A\$ER-L/O81W M"/)FDF70M W:/B:H"MFH03
 W:/MI/&:D"74H):AXUZ.FT/O80W LO71) YIM.FK"73R? W:/LO74) YIG.F)"92L
 K.FL-X"85REM QO75DE\$-QF75DF\$I71YM H73W.) LA/YHWF75H00 ²⁹ K.FL-X"81REM
):A\$E94R? YFX:FRA91M MIN-HF/)FDF73M LO74) YIP.FDE92H MO73WT YW.MF75T00
³⁰ W:/KFL-MA(:&A63R HF/)F61REC? MI/Z.E70RA(HF/)F33REC03 MI/P.:RI74Y HF/("80C
 LA/YHWF73H H92W.) QO73DE\$ LA75/YHWF75H00 ³¹ W:/)IM-G.F)O71L? YIG:)A91L
)I73Y\$ MI/M.A75(A&:R/O92W X:AMISIT/O73W YOS"71P (FLF75Y/W00
³² W:/KFL-MA(:&A70R B.FQFR03 WF/CO80)N? K.O71L):A\$ER-YA(:ABO73R T.A74XAT
 HA/\$.F92BE+ HF95/(:A&IYRI85Y YI75H:YEH-Q.O73DE\$ LA75/YHWF75H00 ³³ LO94)?
 Y:BAQ."91R B."75YN-+O71WB LF/RA73(W:/LO74) Y:MIYR/E92N.W. W:/)IM-HFM"74R
 Y:MIYR/E80N.W. W:/HF75YFH-H94W.)? W:/T:MW.RFT/O91W YI75H:YEH-QO73DE\$
 LO71) YIG.F)"75L00 ³⁴)"74L.EH HA/M.IC:WO81T):A\$E63R CIW.F94H? Y:HWF91H
)ET-MO\$E73H)EL-B.:N"74Y YI&:RF)"92L B.:/HA73R SIYNF75Y00?

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