

The TanakhML Project

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Biblia Hebraica Stuttgartensia
Isaiah 1-57

1 ₁ X:AZOWN03 Y:\$A75(:YF74HW. BEN-)FMO80WC):A\$E74R XFZF80H
 (AL-Y:HW.DF73H WI/YRW.\$FLF92IM B.I/YM"63Y? (UZ.IY.F94HW. YOWTF91M)FXF71Z
 Y:XIZ:QIY.F73HW. MAL:K"71Y Y:HW.DF75H00? ₂ \$IM:(70W. \$FMA33YIM03
 W:/HA):AZI74YNIY)E80REC K.I71Y Y:HWF73H D.IB."92R? B.FNIYM03 G.ID.A74L:T.IY
 W:/ROWMA80M:T.IY W:/H"73M P.F71\$:(W. B/I75Y00? ₃ YFDA71(\$OWR03 QON/"80HW.
 WA/X:AMO73WR)"B74W.S B.:(FLF92Y/W? YI&:RF)"L03 LO74) YFDA80((AM./I73Y
 LO71) HIT:B.OWNF75N00? ₄ HO74WY05 G.O74WY XO+"81) 10(AM K.E74BED (FWO80N?
 ZE74RA(M:R"(I80YM B.FNI73YM MA\$XIYT92YM? (FZ:B74W.)ET-Y:HWF81H
 NI75):AC91W.)ET-Q:DO71W\$ YI&:RF)"73L? NFZO71RW.)FXO75WR00? ₅ (A74L ME71H
 TUK.91W. (O73WD T.OWSI74YPW. SFRF92H? K.FL-RO74)\$ LF/X:FLI80Y
 W:/KFL-L"BF73B D.AW.F75Y00? ₆ MI/K.AP-RE70GEL W:/((AD-RO)\$03)"75YN-B./O74W
 M:TO80M? P.E71CA(W:/XAB.W.RF73H W./MAK.F74H +:RIY.F92H? LO)-ZO33RW.03
 W:/LO74) XUB.F80\$W. W:/LO71) RUK.:KF73H B.A/\$.F75MEN00? ₇)AR:C:KE74M
 \$:MFMF80H (FR"Y/KE73M &:RUPO74WT)"92\$?)AD:MAT:KE81M L:/NEG:D./:KEM03
 ZFRIYM03)OK:LI74YM)OT/F80H.? W./\$:MFMF73H K./MAH:P."KA71T ZFRI75YM00?
₈ W:/NOWT:RF71H BAT-CIY.O73WN K./SUK.F74H B:/KF92REM? K.I/M:LW.NF71H
 B:/MIQ:\$F73H K.:(I71YR N:CW.RF75H00? ₉ LW.L"Y03 Y:HWF74H C:BF)O80WT
 HOWTI71YR L/F91NW. &FRI73YD K.I/M:(F92+? K.I/S:DO74M HFYI80YNW.
 LA/(:AMORF73H D.FMI75YNW.00 ₁₀ \$IM:(71W. D:BAR-Y:HWF73H Q:CIYN"74Y
 S:DO92M? HA):AZI91YNW. T.OWRA71T):ELOH"73Y/NW. (A71M (:AMORF75H00?
₁₁ LF/M.FH-L/I70Y ROB-ZIB:X"Y/KEM03 YO)MA74R Y:HWF80H? &FBA91(:T.IY
 (OLO71WT)"YLI73YM W:/X"74LEB M:RIY)I92YM? W:/DA63M P.FRI94YM
 W:/K:BF&I91YM W:/((AT.W.DI73YM LO71) XFPF75C:T.IY00? ₁₂ K.I74Y TFBO80)W.
 L"/RF)O73WT P.FN/F92Y? MIY-BIQ."71\$ ZO91)T MI/Y.ED/:KE73M R:MO71S
 X:AC"R/F75Y00? ₁₃ LO74) TOWSI81YPW. HFBIY)03 MIN:XAT-\$F80W:) Q:+O94RET
 T.OW("BF91H HI73Y) L/I92Y? XO70DE\$ W:/\$AB.FT03 Q:RO74) MIQ:RF80) LO)-W.KA71L
)F73WEN WA/(:ACFRF75H00? ₁₄ XFD:\$"Y/KE70M W:/MOW(:AD"Y/KEM03 &FN:)F74H
 NAP:\$/I80Y? HFY71W. (FL/A73Y LF/+O92RAX NIL:)"73YTIY N:&O75)00?
₁₅ W:/B:/PFRI&:KE74M K.AP."Y/KE81M)A(:LI70YM ("YN/AY03 MI/K.E80M? G.A91M
 K.I75Y-TAR:B.71W. T:PIL.F73H)"YN/E74N.IY \$OM"92(A? Y:D"Y/KE73M D.FMI71YM
 MFL"75)W.00 ₁₆ RAX:ACW.03 HIZ.AK.80W.? HFSI91YRW. RO71(A MA(AL:L"Y/KE73M
 MI/N.E74GED? ("YN/F92Y? XID:L73W. HFR"75(A00 ₁₇ LIM:D71W. H"Y+"91B? D.IR:\$71W.
 MIS:P.F73+)A\$.:R74W. XFMO92WC? \$IP:+74W. YFTO80WM RI73YBW.)AL:MFNF75H00
₁₈ L:KW.-NF91) W:/NIW.F75K:XF73H YO)MA74R Y:HWF92H?)IM-YI75H:Y63W.
 X:A+F)"Y/KE70M K.A/\$.FNIYM03 K.A/\$.E74LEG YAL:B.I80YNW.?)IM-YA):D.I71YMW.
 KA/T.OWLF73(K.A/C.E71MER YIH:Y75W.00? ₁₉)IM-T.O)B73W. W./\$:MA(:T.E92M
 +71W.B HF/)F73REC T.O)K"75LW.00? ₂₀ W:/)IM-T.:MF):AN73W. W:/M:RIYTE92M
 XE74REB T.):UK.:L80W.? K.I91Y P.I71Y Y:HWF73H D.IB."75R00 ₂₁)"YKFH03 HFY:TF74H
 L:/ZOWNF80H QIR:YF73H NE):EMFNF92H? M:L"):ATI74Y MI\$:P.F81+ CE91DEQ
 YFLI71YN B./F73H. W:/((AT.F71H M:RAC.:XI75YM00? ₂₂ K.AS:P/"73K: HFYF74H
 L:/SIYGI92YM SFB:)"73K: MFH71W.L B.A/M.F75YIM00? ₂₃ &FRA74Y/IK: SOWR:RI81YM
 W:/XAB:R"Y03 G.AN.FBI80YM? K.UL./OW03)OH"74B \$O80XAD W:/ROD"73P
 \$AL:MONI92YM? YFTOWM03 LO74) YI\$:P.O80+W. W:/RI71YB)AL:MFNF73H
 LO75)-YFBO71W)):AL"Y/HE75M00 ₂₄ LF/K"81N N:U70M HF75/)FDOWN03 Y:HWF74H
 C:BF)O80WT):ABI73YR YI&:RF)"92L? 10HOWY)EN.FX"74M MI/C.FR/A80Y
 W:/)IN.FQ:MF73H M")OWY:B/F75Y00? ₂₅ W:/)F\$I70YBFH YFD/IY03 (FLA80Y/IK:?
 W:/)EC:RO71P K.A/B.O73R SIYGF92Y/IK: W:/)FSI73YRFH K.FL-B.:DIYLF75Y/IK:00?
₂₆ W:/)F\$I70YBFH \$OP:+A33Y/IK:03 K./BF/RI74)\$ONF80H W:/YO(:ACA73Y/IK:
 K./BA/T.:XIL.F92H?)AX:AR"Y-K"81N YIQ.F70R") L/FK:03 (I74YR HA/C.E80DEQ
 QIR:YF73H NE):EMFNF75H00? ₂₇ CIY.O73WN B./MI\$:P.F74+ T.IP.FDE92H
 W:/\$FBE73Y/HF B.I/C:DFQF75H00? ₂₈ W:/\$E94BER P.O\$:(I91YM W:/XA+.F)I73YM
 YAX:D.F92W W:/((OZ:B"71Y Y:HWF73H YIK:L75W.00? ₂₉ K.I74Y Y"BO80\$W.
 M")YLI73YM):A\$E74R X:AMAD:T.E92M? W:/TA63X:P.:R80W. M"/HA/G.AN.O73WT
):A\$E71R B.:XAR:T.E75M00? ₃₀ K.I74Y TI75H:Y80W. K.:)"LF73H NOBE74LET (FL/E92HF?
 W.95/K:/GAN.F80H):A\$ER-MA73YIM)"71YN L/F75H.00? ₃₁ W:/HFYF70H HE/XFSON03
 LI/N:(O80RET W:/PO(:AL/O73W L:/NIYCO92WC? W:/BF(:AR94W. \$:N"Y/HE91M
 YAX:D.F73W W:/)71YN M:KAB.E75H00 **2** ₁ HA/D.FBFR03):A\$E74R XFZF80H

Y:\$A75(:YF73HW. B.EN-)FMO92WC (AL-Y:HW.DF73H WI/YRW.\$FLF75IM00?
₂ W:/HFYF74H05 B.:)AX:ARI74YT HA/Y.FMI81YM NFKO63WN YI75H:YE61H HA70R
 B."YT-Y:HWFH03? B.:/RO74)\$ HE/HFRI80YM W:/NI&.F73) MI/G.:BF(O92WT?
 W:/NFH:AR71W.)"LF73Y/W K.FL-HA/G.OWYI75M00? ₃ W:/75/HFL:K62W. (AM.I74YM
 RAB.I81YM W:/FM:RW.03? L:K74W.05 W:/NA:(ALE74H)EL-HAR-Y:HWF81H
)EL-B."YT03):ELOH"74Y YA:(AQO80B? W:/YOR/"33NW.03 MI/D.:RFKF80Y/W
 W:/N"L:KF73H B.:)OR:XOTF92Y/W? K.I70Y MI/C.IY.OWN03 T."C"74) TOWRF80H
 W:/D:BAR-Y:HWF73H MI/YRW.\$FLF75IM00? ₄ W:/\$FPA+03 B."74YN HA/G.OWYI80M
 W:/HOWKI73YXA L:(AM.I74YM RAB.I92YM? W:/KIT.:T63W. XAR:BOWT/F61M
 L:/)IT.I81YM WA/X:ANIYTO75WT"Y/HEM03 L:/MAZ:M"RO80WT? LO)-YI&.F63)
 GO70WY)EL-G.OWY03 XE80REB W:/LO)-YIL:M:D71W. (O73WD MIL:XFMF75H00
₅ B."73YT YA:(AQO92B L:K71W. W:/N"L:KF73H B.:)O71WR Y:HWF75H00? ₆ K.I74Y
 NF+A81\$:T.FH (AM./:KF03 B."74YT YA:(AQO80B? K.I70Y MFL:)W.03 MI/Q.E80DEM
 W:/O75N:NI73YM K.A/P.:LI\$:T.I92YM? W:/B:/YAL:D"71Y NFK:RI73YM
 YA&:P.I75YQW.00? ₇ WA/T.IM.FL"70))AR:C/OW03 K.E74SEP W:/ZFH80B W:/)"71YN
 Q"73CEH L:/OC:ROTF92Y/W? WA/T.IM.FL"70))AR:C/OW03 SW.SI80YM W:/)"71YN
 Q"73CEH L:/MAR:K.:BOTF75Y/W00? ₈ WA/T.IM.FL"71))AR:C/O73W):ELIYL92YM?
 L:/MA:(A&"70H YDFDY/W03 YI75\$:T.AX:AW80W. LA):ASE71R (F&73W.
)EC:B.:(OTF75Y/W00? ₉ WA/Y.I\$.A71X)FDF73M WA/Y.I\$:P.AL-)I92Y\$ W:/)AL-T.I&.F73)
 L/FHE75M00? ₁₀ B.O74W) BA/C.80W.R W:/HI+.FM"73N B.E75/(FPF92R? MI/P.:N"Y03
 P.A74XAD Y:HWF80H W./M"/H:ADA73R G.:)ON/O75W00? ₁₁ ("YN"62Y G.AB:H70W.T
)FDFM03 \$FP"80L W:/\$A73X R74W.M):ANF\$92YM? W:/NI&:G.A94B Y:HWF91H
 L:/BAD./O73W B.A/Y.O71WM HA/H75W.00 ₁₂ K.I74Y YO62WM LA/YHWF94H
 C:BF)O91WT? (A71L K.FL-G.")E73H WF/RF92M W:/A73L K.FL-NI&.F71) W:/\$FP"75L00?
₁₃ W:/AL03 K.FL-)AR:Z"74Y HA/L.:BFNO80WN HF/RFMI73YM W:/HA/N.I&.F)I92YM?
 W:/A73L K.FL-)AL.OWN"71Y HA/B.F\$F75N00? ₁₄ W:/A73L K.FL-HE/HFRI74YM
 HF/RFMI92YM W:/A73L K.FL-HA/G.:BF(O71WT HA/N.I&.F)O75WT00? ₁₅ W:/A73L
 K.FL-MIG:D.F74L G.FBO92HA)1 W:/A73L K.FL-XOWMF71H B:CW.RF75H00? ₁₆ W:/A73L
 K.FL-)FNIY.O74WT T.AR:\$I92Y\$ W:/A73L K.FL-&:KIY.O71WT HA/XEM:D.F75H00?
₁₇ W:/\$AX03 G.AB:H74W.T HF/)FDF80M W:/\$FP"73L R74W.M):ANF\$92YM?
 W:/NI&:G.A94B Y:HWF91H L:/BAD./O73W B.A/Y.O71WM HA/H75W.)00?
₁₈ W:/HF):ELIYLI73YM K.FLI71YL YAX:ALO75P00? ₁₉ W:/BF33)W.03 B.I/M:(FRO74WT
 CURI80YM W./BI/M:XIL.O73WT (FPF92R? MI/P.:N"62Y P.A70XAD Y:HWFH03
 W./M"/H:ADA74R G.:)OWN/O80W B.:/QW.M/O73W LA/(:ARO71C HF)/F75REC00?
₂₀ B.A/Y.O70WM HA/HW.)03 YA\$:LI74YK: HF/)FDF80M 10)"T):ELIYL"74Y KAS:P./O80W
 W:/)"73T):ELIYL"74Y Z:HFB/O92W?):ASE70R (F75&W.-L/O73W L:/HI75\$:T.AX:AWO80T
 LA/X:P.O71R P."RO73WT W:/LF/(:A+AL."PI75YM00? ₂₁ LF/BOW)03 B.:/NIQ:RO74WT
 HA/C.URI80YM W./BI/S:(IP"73Y HA/S.:LF(I92YM? MI/P.:N"62Y P.A70XAD Y:HWFH03
 W./M"/H:ADA74R G.:)OWN/O80W B.:/QW.M/O73W LA/(:ARO71C HF)/F75REC00?
₂₂ XID:L70W. L/FKEM03 MIN-HF74)/FDF80M):ASE71R N:\$FMF73H B.:)AP./O92W?
 K.I75Y-BA/M.E71H NEX:\$F73B H75W.)00 ₃ K.IY04 HIN."63H HF/)FDO61WN Y:HWF74H
 C:BF)O81WT M"SI70YR MI/YRW.\$FLA33IM03 W./MI74/YHW.DF80H? MAS:("73N
 W./MAS:("NF92H 10K.OL MIS:(AN-LE80XEM W:/KO73L MIS:(AN-MF75YIM00?
₂ G.IB.O73WR W:/)I74Y\$ MIL:XFMF92H \$OWP"71+ W:/NFB173Y) W:/QOS"71M
 W:/Zfq"75N00? ₃ &AR-X:AMIS.I73YM W./N:&74W.) PFNI92YM W:/YOW("91C
 WA/X:AKA71M X:ARF\$173YM W./N:BO71WN LF75XA\$00? ₄ W:/NFTAT.I71Y
 N:(FRI73YM &FR"Y/HE92M W:/TA:(ALW.LI73YM YIM:\$:LW.-B/F75M00? ₅ W:/NIG.A74&
 HF/(F80M)I71Y\$ B.:)I73Y\$ W:/)I74Y\$ B.:/R/("92HW.? YIR:H:AB81W. HA/N.A33(AR03
 B.A/Z.FQ"80N W:/HA/N.IQ:LE73H B.A/N.IK:B.F75D00? ₆ K.I75Y-YIT:P.O63&)I70Y\$
 B.:)FXIY/W03 B."74YT)FBI80Y/W? &IM:LF74H L:/KF80H QFCI73YN
 T.I75H:YEH-L./F92NW. W:/HA/M.AK:\$"LF71H HA/Z.O73)T T.A71XAT YFD/E75KF00?
₇ YI&.F)04 BA/Y.O63WM HA/H70W.)05 L"/)MOR03? LO)-EH:YE74H XOB"80\$
 W./B:/B"YT/I85Y)"71YN LE73XEM W:/)"74YN &IM:LF92H? LO71) T:&IYMU73/NIY
 Q:CI71YN (F75M00? ₈ K.I70Y KF\$:LFH03 Y:R74W.\$FLA80IM WI/YHW.DF73H NFPF92L?
 K.I75Y-L:\$OWN/F70M W./MA75(AL:L"Y/HEM03)EL-Y:HWF80H LA/M:RO73WT ("N"71Y
 K:BOWD/O75W00? ₉ HAK.FRA70T P.:N"Y/HEM03 (F74N:TFH B./F80M W:/XA+.F)T/F91M
 K.I/S:DO71M HIG.I73YDW. LO74) KIX"92DW.?)O74WY L:/NAP:\$F80M

GFM:L71W. L/FHE73M RF(F75H00? ¹⁰)IM:R71W. CAD.I73YQ K.IY-+O92WB
K.I75Y-P:RI71Y MA(AL:L"Y/HE73M YO)K"75LW.00? ¹¹)O73WY L:/RF\$F74(RF92(
K.I75Y-G:M71W.L YFDF73Y/W Y"(F71&EH L./O75W00? ¹² (AM./IY03 NOG:&F74Y/W
M:(OWL"80L W:/NF\$I73YM MF74\$:LW. B/O92W? (AM./IY03 M:)A\$:.RE74Y/KF
MAT:(I80YM W:/DE71REK:)O75R:XOTE73Y/KF B.IL."75(W.00 ¹³ NIC.F71B LF/RI73YB
Y:HWF92H W:/(OM"73D LF/DI71YN (AM.I75YM00? ¹⁴ Y:HWFH03 B.:MI\$:P.F74+
YFBO80W) (IM-ZIQ:N"71Y (AM./O73W W:/&FRF92Y/W? W:/)AT.EM03 B.I75(AR:T.E74M
HA/K.E80REM G.:Z"LA71T HE75/(FNI73Y B.:BFT."Y/KE75M00? ¹⁵ **L./FKEM03
**M.AH-]aT.:DAK.:)74W. **L./FKEM03 (AM./I80Y T.:DAK.:)74W. W./P:N"71Y (AM./I80Y
(:ANIY.I73YM W./P:N"71Y T.I+:XF92NW.? (:ANIY.I73YM N:)UM-T.I+:XF92NW.?
):ADONF71Y N:)JUM-Y:HWI73H):ADONF71Y C:BF)O75WT00 Y:HWI73H C:BF)O75WT00
¹⁶ WA/Y.O74)MER Y:HWF81H 10YA(AN K.I70Y GF75B:HW.03 B.:NO74WT CIY.O80WN?
WA/T."LA33K:NFH03 **N:+W.YO74WT G.FRO80WN W.95/M:&AQ:.RO73WT
("YNF92YIM? HFLO70WK: W:/+FPOP03 T."LA80K:NFH W./B:/RAG:L"Y/HE73M
T.:AK.A75S:NFH00? ¹⁷ W:/&IP.A74X):ADONF80Y QFD:QO73D B.:NO74WT CIY.O92WN
WA/YHWF73H P.FT:/H"71N Y:(FRE75H00 ¹⁸ B.A/Y.O63WM HA/H61W.) YFSI74YR
):ADONF81Y)"74T T.IP:)E94RET HF/(:AKFSI91YM W:/HA/\$.:BIYSI73YM
W:/HA/&.AH:ARONI75YM00? ¹⁹ HA/N.:+IYPO71WT W:/HA/\$."YRO73WT
W:/HF75R:(FLO75WT00 ²⁰ HA/P.:)"RI70YM W:/HA/C.:(FDOWT03 W:/HA/Q.I\$.URI80YM?
W./BFT."71Y HA/N.E73PE\$ W:/HA/L.:XF\$I75YM00 ²¹ HA/+AB.F(O73WT W:/NIZ:M"71Y
HF/)F75P00 ²² HA/M.A75X:ALFCOWT03? W:/HA/M.A74:(A+FPO80WT
W:/HA/M.I+:P.FXO73WT W:/HF/X:ARIY+I75YM00 ²³ W:/HA/G.IL:YONIYM03
W:/HA/S.:DIYNI80YM W:/HA/C.:NIYPO73WT? W:/HF/R:DIYDI75YM00? ²⁴ W:/HFYFH04
TA63XAT B.O61&EM MA74Q YI75H:YE81H W:/TA63XAT X:AGOWRF70H NIQ:P.FH03?
W:/TA63XAT MA:(A&E70H MIQ:\$EH03 QFR:XF80H W:/TA71XAT P.:TIYGI73YL
MAX:AGO74RET &F92Q? K.IY-TA73XAT YO75PIY00? ²⁵ M:TA73Y/IK: B.A/XE74REB
YIP.O92LW. W:/G:BW.RFT/"73K: B.A/M.IL:XFMF75H00? ²⁶ W:/)FN71W. W:/)FB:L73W.
P.:TFXE92Y/HF W:/NIQ.F73TFH LF/)F71REC T."\$"75B00? **4** ¹ W:/HEX:EZIYQW.04
SE63BA(NF\$I61YM B.:)I74Y\$)EXF81D B.A/Y.O70WM HA/HW.)03? L"/)MO80R
LAX:M/"74NW. NO)K"80L W:/&IM:LFT/"73NW. NIL:B.F92\$? RA81Q YIQ.FR"70)
\$IM:/KF03 (FL"80Y/NW.):ESO73P XER:P.FT/"75NW.00 ² B.A/Y.O74WM HA/H81W.)
YI75H:YEH03 CE74MAX Y:HWF80H LI/C:BI73Y W./L:/KFBO92WD W./P:RI70Y
HF/)F33REC03 L:/GF)O74WN? W./L:/TIP:)E80RET LI/P:L"Y+A73T YI&:RF)"75L00
³ W:/HFYF74H05 HA/N.IS:)F74R B.:CIY.O81WN W:/HA/N.OWTFR03
B.I/YR74W.\$FLA80IM? QFDO73W\$ Y")F74MER L/O92W K.FL-HA/K.FT71W.B
LA/XAY.I73YM B.I/YRW.\$FLF75IM00 ⁴)I74M05 RFXA74C):ADONF81Y 10)"T? CO)A74T
B.:NOWT-CIY.O80WN W:/)ET-D.:M"71Y Y:RW.\$FLA73IM YFDI74YXA MI/Q.IR:B./F92H.
B.:R71W.XA MI\$:P.F73+ W./B:/R71W.XA? B.F("75R00 ⁵ W./BFRF74) Y:HWF83H (AL04
K.FL-M:KO63WN HAR-CIY.O61WN W:/AL-MIQ:RF)/E81HF (FNF70N05 YOWMFM03?
W:/F\$F80N W:/NO91GAH.)"71\$ LEHFBF73H LF92Y:LFH K.I71Y (AL-K.FL-K.FBO73WD
XUP.F75H00 ⁶ W:/SUK.F91H T.IH:YE71H? L:/C"L-YOWMF73M M"/XO92REB
W./L:/MAX:SEH03 W./L:/MIS:T.O80WR MI/Z.E73REM W./MI/M.F+F75R00 **5** ¹)F\$I70YRFH
N.F)03 LI75/YDIYD/I80Y \$IYRA71T D.OWD/I73Y L:/KAR:M/O92W? K.E91REM HFYF71H
LI75/YDIYD/I73Y B.:QE71REN B.EN-\$F75MEN00? ² WA75/Y:(AZ.:Q/"74HW.
WA75/Y:SAQ.:L/"81HW. WA/Y.I+.F("33HW.03 &OR"80Q? WA/Y.I70BEN MIG:D.FL03
B.:TOWK/O80W W:/GAM-YE73QEB XFC"74B B./O92W? WA/Y:QA91W LA/(:A&O71WT
(:ANFBI73YM WA/Y.A71(A& B.:)US\$I75YM00? ³ W:/AT.F91H YOW\$"71B Y:RW.\$FLA73IM
W:/)I74Y\$ Y:HW.DF92H? \$IP:+W.-NF85) B."YN/I73Y W./B"71YN K.AR:M/I75Y00?
⁴ MAH-L.A/(:A&O71WT (OWD03 L:/KAR:M/I80Y W:/LO71) (F&I73YTIY B./O92W?
MAD.94W.(A QIW."91YTIY LA/(:A&O71WT (:ANFBI73YM WA/Y.A71(A&
B.:)US\$I75YM00? ⁵ W:/AT.FH03)OWDI75Y(FH-N.F74))ET/:KE80M)"91T):A\$ER-):ANI71Y
(O&E73H L:/KAR:M/I92Y? HFS"70R M:&W.K.FT/OW03 W:/HFYF74H L:/BF("80R
P.FRO71C G.:D"R/O73W W:/HFYF71H L:/MIR:MF75S00? ⁶ WA/):A\$IYT/"74HW. BFTF81H
LO70) YIZ.FM"R03 W:/LO74) Y"(FD"80R W:/FLF71H \$FMI73YR WF/\$F92YIT? W:/A70L
HE/(FBIYM03):ACAW.E80H M"/HAM:+I71YR (FLF73Y/W MF+F75R00? ⁷ K.I74Y
KE61REM Y:HWF70H C:BF)OWT03 B."74YT YI&:RF)"80L? W:/)I74Y\$ Y:HW.DF80H
N:+A73(\$A:(A\$W.(F92Y/W? WA/Y:QA70W L:/MIS:P.F+03 W:/HIN."74H MI&:P.F80X

LI/C:DFQF73H W:/HIN."71H C:(FQF75H00 8 HO81WY MAG.IY("71Y BA33YIT03 B.:/BA80YIT &FDE71H B:/&FDE73H YAQ:RI92YBW.? 10(AD)E74PES MFQO80WM W:/H75W.\$AB:T.E71M L:/BAD./:KE73M B.:/QE71REB HF/)F75REC00? 9 B.:/FZ:N/F73Y Y:HWF74H C:BF)O92WT?)IM-LO62) B.FT.I70YM RAB.IYM03 L:/SAM.F74H YI75H:Y80W. G.:DOLI71YM W:/+OWBI73YM M"/)"71YN YOWS"75B00? 10 K.I81Y (:A&E33RET03 CIM:D."Y-KE80REM YA(:A&73W. B.A74T)EXF92T W:/ZE71RA(XO73MER YA(:A&E71H)"YPF75H00 11 HO91WY MAS:K.IYM"71Y BA/B.O73QER \$"KF74R YIR:D.O92PW.? M:AX:AR"74Y BA/N.E80\$EP YA73YIN YAD:LIYQ"75M00? 12 W:/HFYF63H KIN.O61WR WF/NE81BEL T.O94P W:/XFLI91YL WF/YA73YIN MI\$:T."Y/HE92M? W:/)"63T P.O70(AL Y:HWFH03 LO74) YAB.I80Y+W. W./MA:(A&"71H YFDF73Y/W LO71) RF)75W.00? 13 LF/K"91N G.FLF71H (AM.I73Y MI/B.:LIY-DF92(AT? W./K:BOWD/OW03 M:T"74Y RF(F80B WA/H:AMOWN/O73W CIX"71H CFMF75)00? 14 LF/K"81N HIR:XI70YBFH \$.:)OWL03 NAP:\$/F80H. W./PF(:ARF71H PI73Y/HF LI/B:LIY-XO92Q? W:/YFRA63D H:ADFR/F94H. WA/H:AMOWN/F91H. W./\$:)OWN/F73H. W:/FL"71Z B./F75H.00? 15 WA/Y.I\$.A71X)FDF73M WA/Y.I\$:P.AL-)I92Y\$ W:/("YN"71Y G:BOHI73YM T.I\$:P.A75L:NFH00? 16 WA/Y.IG:B.A91H)1 Y:HWF71H C:BF)O73WT B.A/M.I\$:P.F92+ W:/HF/"L03 HA/Q.FDO80WS NIQ:D.F73\$ B.I/C:DFQF75H00? 17 W:/RF(71W. K:BF&I73YM K.:/DFB:R/F92M W:/XFR:BO71WT M"XI73YM G.FRI71YM YO)K"75LW.00? 18 HO91WY MO\$:K"71Y HE75/(FWO73N B.:/XAB:L"74Y HA/\$.F92W:) W:/KA/(:ABO71WT HF/(:AGFLF73H XA+.F)F75H00? 19 HF/)OM:RI81YM Y:MAH"94R05 YFXI91Y\$FH MA(:A&"73HW. L:MA74(AN NIR:)E92H? W:/TIQ:RA74B W:/TFBO81W)FH (:ACA91T Q:DO71WS YI&:RF)"73L W:/N"DF75(FH00 20 HO74WY HF/)OM:RI71YM LF/RA91(+O73WB W:/LA+/O74WB RF92(? &FMI63YM XO70\$EK: L:/)OWR03 W:/)O74WR L:/XO80\$EK:? &FMI71YM MA91R L:/MFTO73WQ W:/MFTO71WQ L:/MF75R00 21 HO73WY X:AKFMI74YM B.:("75YN"Y/HE92M W:/NE71GED P.:N"Y/HE73M N:BONI75YM00? 22 HO85WY G.IB.OWRI73YM LI\$:T.O74WT YF92YIN W:/)AN:\$"Y-XA73YIL LI/M:SO71K: \$"KF75R00? 23 MAC:D.IYQ"71Y RF\$F73(("74QEB \$O92XAD W:/CID:QA71T CAD.IYQI73YM YFSI71YRW. MI/M./E75N.W.00 24 LF/K"N04 K.E):EKO63L QA61\$ L:\$O74WN)"81\$ WA/X:A\$A70\$ LE75HFBFH03 YIR:P.E80H? \$FR:\$/FM03 K.A/M.F74Q YI75H:YE80H W:/PIR:X/F73M K.F)FBF74Q YA(:ALE92H? K.I74Y MF):AS81W. 10)"T T.OWRAT03 Y:HWF74H C:BF)O80WT W:/)"91T)IM:RA71T Q:DO75W\$-YI&:RF)"73L? NI)"75CW.00? 25 (AL-K."83N XFRFH04)AP-Y:HWF63H B.:/AM/O61W WA/Y."74+ YFD/O94W (FLF74Y/W WA/Y.AK./"81HW.? WA75/Y.IR.G.:ZW.03 HE75/HFRI80YM WA/T.:HI94Y NIB:LFT/F91M K.A.S.W.XF73H B.:/QE74REB XW.CO92WT? B.:/KFL-ZO)T03 LO)-\$F74B)AP./O80W W:/O73WD YFD/O71W N:+W.YF75H00? 26 W:/NF75&F)-N"70S LA/G.OWYIM03 M"/RFXO80WQ W:/\$F71RAQ L/O73W MI/Q:C"74H HF/)F92REC? W:/HIN."71H M:H"RF73H QA71L YFBO75W)00? 27)"YN-(FY"70P W:/)"YN-K.OWS"L03 B./O80W LO71) YFN73W.M W:/LO74) YIY\$F92N? W:/LO70) NIP:T.AX03)"ZO74WR X:ALFCF80Y/W W:/LO71) NIT.A73Q &:RO71WK: N:(FLF75Y/W00? 28):A\$E70R XIC.FY/W03 \$:NW.NI80YM W:/KFL-QA\$.TOTF73Y/W D.:RUKO92WT? P.AR:SO70WT SW.SFY/W03 K.A/C.A74R NEX:\$F80BW. W:/GAL:G.IL.F73Y/W K.A/S.W.PF75H00? 29 \$:FGF71H L/O73W K.A/L.FBI92Y) **YI\$:)A63G K.A/K.:PIYRI70YM? W:/YIN:HOM03 W:/YO)X"74Z +E80REP W:/YAP:LI73Y+ W:/)"71YN MAC.I75YL00? 30 W:/YIN:HO71M (FLF91Y/W B.A/Y.O71WM HA/H73W.) K.:/NAH:AMAT-YF92M? W:/NIB.A70+ LF/)F33REC03 W:/HIN."H-XO80\$EK: CA74R WF/)O80WR XF\$A73K: B.A/(:ARIYPE75Y/HF00 6 1 B.I\$:NAT.MOWT03 HA/M.E74LEK: (UZ.IY.F80HW. WF/)ER:)E94H)ET-):ADONF91Y YO\$"71B (AL-K.IS."73) RF74M? W:/NI&.F92) W:/W.LF73Y/W M:L")I71YM)ET-HA/H"YKF75L00 2 &:RFPI63YM (OM:DI70YM05 MI/M.A33(AL03 L/O80W \$"94\$? K.:NFPA91YIM \$"71\$ K.:NFPA73YIM L:/)EXF92D B.I/\$:T.A74YIM05 Y:KAS.E74H PFNF81Y/W W:/BI/\$:T.A91YIM Y:KAS.E71H RAG:LF73Y/W? W:/BI/\$:T.A71YIM Y:(OWP"75P00 3 W:/QFRF63) ZE70H)EL-ZEH03 W:/)FMA80R? QFDO94W\$05 QFDO91W\$ QFDO73W\$ Y:HWF74H C:BF)O92WT M:LO71) KFL-HF/)F73REC K.:BOWD/O75W00? 4 WA/Y.FNU33(W.03)AM.O74WT HA/S.IP.I80YM MI/Q.O73WL HA/Q.OWR"92) W:/HA/B.A73YIT YIM.FL"71) (F\$F75N00 5 WF/)OMA62R?)O75WY-L/I74Y KI75Y-NID:M"81YTIY K.I74Y)I70Y\$ +:M"75)-&:PFTA33YIM03)FNO80KIY? W:/B:/TOWK:03 (AM-+:M"74) &:PFTA80YIM)FNOKI73Y YOWS"92B? K.I81Y)ET-HA/M.E91LEK: Y:HWF71H C:BF)O73WT RF)71W. ("YN/F75Y00?

WA/Y.F74(FP)L/A81Y)EXFD03 MIN-HA/&.:RFPI80YM W./B:/YFD/O73W RIC:P.F92H
 B.:/ME63L:QAXA80YIM LFQA73X M"/(A71L? HA/M.IZ:B."75XA00 7 WA/Y.AG.A74(
 (AL-P./I80Y WA/Y.O85)MER? HIN."91H NFGA71(ZE73H (AL-&:PFTE92Y/KF W:/SF74R
 (:AWON/E80KF W:/XA+.F)T:/KF73 T.:KUP.F75R00? 8 WF/)ES:MA62()ET-QO70WL
):ADON/FY03)OM"80R)ET-MI71Y)ES:LA73X W./MI74Y Y"75LEK:-L/F92NW.?
 WF/)OMA73R HIN:/NI71Y \$:LFX/"75NIY00 9 WA/Y.O85)MER L"71K: W:/)FMAR:T.F73
 LF/(F74M HA/Z.E92H? \$IM:(70W. \$FMO33W(A03 W:/)AL-T.FBI80YNW. W./R:)71W.
 RF)O73W W:/)AL-T."DF75(W.00? 10 HA\$:M"N03 L"B-HF/(F74M HA/Z.E80H
 W:/)FZ:N71Y/W HAK:B."73D W:/("YNF74Y/W HF\$A92(? P.EN-YIR:)E63H
 B:/("YNF61Y/W W./B:/)FZ:N74Y/W YIS:MF81(W./L:BFB/O71W YFBI91YN WF/\$F73B
 W:/RF71PF) L/O75W00? 11 WF/)OMA85R (AD-MFTA73Y):ADONF92Y WA/Y.O83)MER?
 (A74D):A\$ER04)IM-\$F)63W. (FRI61YM M"/)"74YN YOWS"81B? W./BFT.IYM03
 M"/)"74YN)FDF80M W:/HF):ADFMF73H T.I.\$F)E71H \$:MFMF75H00 12 W:/RIXA71Q
 Y:HWF73H)ET-HF)FDF92M W:/RAB.F71H HF/(:AZW.BF73H B.:/QE71REB
 HF)/F75REC00? 13 W:/(O71WD B./FH.03 (:A&I74RIY.F80H W:/\$F73BFH W:/HFY:TF74H
 L:/BF("92R? K.F)"LF74H W:/KF)AL.O81WN):A\$E70R B.:/\$AL.E33KET03 MAC.E74BET
 B./F80M? ZE71RA(QO73DE\$ MAC.AB:T./F75H.00 7 1 WA/Y:HI83Y B.I/YM"74Y 14)FXFZ
 B.EN-YOWTF63M B.EN-(UZ.IY.F61HW. ME74LEK: Y:HW.DF81H (FLF74H R:CI74YN
 ME75LEK:-?14):ARFM W./PE63QAX B.EN-R:MAL:YF70HW. ME75LEK:-YI&:RF)"L03
 Y:R74W.\$FLA80IM LA/M.IL:XFMF73H (FLE92Y/HF W:/LO71)? YFKO73L L:/HIL.FX"71M
 (FLE75Y/HF00 2 WA/Y.UG.A81D L:/B"70YT D.FWID03 L"/)MO80R NF71XF75H):ARF73M
 (AL-)EP:RF92YIM? WA/Y.F70NA(L:BFB/OW03 W./L:BA74B (AM./O80W K.:/NO71W(A
 (:AC"Y-YA73(AR MI/P.:N"Y-R75W.XA00 3 WA/Y.O74)MER Y:HWFH02?
)E75L-Y:\$A(:YFHW.01 C")-NF)03 LI/Q:RA74)T)FXF80Z)AT.F85H W./\$:F73R YF\$74W.B
 B.:N/E92KF)EL-Q:C"81H? T.:(FLAT03 HA/B.:R"KF74H HF/(EL:YOWNF80H
)EL-M:SIL.A73T &:D"71H KOWB"75S00 4 W:/)FMAR:T.F74 14)"LFY/W? HI\$.FM"63R
 W:/HAS:Q"61+)AL-T.IYRF81) W./L:BFB/:KF03)AL-Y"RA80K: MI/\$.:N"63Y ZAN:BO94WT
 HF)W.DI91YM? HF/(:A\$"NI73YM HF/)"92L.EH B.F/X:FRIY-)A91P R:CI71YN
 WA):ARF73M W./BEN-R:MAL:YF75HW.00 5 YA81(AN K.I75Y-YF(A71C? (FLE91Y/KF
):ARF73M RF(F92H)EP:RA71YIM W./BEN-R:MAL:YF73HW. L"/)MO75R00 6 NA(:ALE70H
 BI75/YHW.DFH03? W./N:QIYC/E80N.FH W:/NAB:QI/(E73N.FH)"L"92Y/NW.
 W./NAM:LI71YK: ME33LEK:03 B.:/TOWK/F80H.)"73T B.EN+75B:)A75L00 7 K.O71H
)FMA73R):ADONF74Y Y:HWI92H LO71) TFQ73W.M W:/LO71) TI75H:YE75H00? 8 K.I74Y
 RO70)\$):ARFM03 D.AM.E80&EQ W:/RO71)\$ D.AM.E73&EQ R:CI92YN? W./B:/(O81WD
 SI\$.I70YM W:/XFM"\$03 \$FNF80H Y"XA71T)EP:RA73YIM M"/(F75M00? 9 W:/RO70)\$
)EP:RA33YIM03 \$OM:RO80WN W:/RO71)\$ \$OM:RO73WN B.EN-R:MAL:YF92HW.? 10)IM
 LO74) TA):AMI80YNW. K.I73Y LO71) T")FM"75NW.00 10 WA/Y.O74WSEP Y:HWF80H
 D.AB."71R)EL-)FXF73Z L"/)MO75R00 11 \$:AL-L:/KF74)O80WT M"/(I73M Y:HWF74H?
):ELOHE92Y/KF HA(:M"74Q \$:F80LFH)O73W HAG:B."71H.A L:/MF75(:L/FH00
 12 WA/Y.O73)MER)FXF92Z LO-)E\$):A71L? W:/LO75)-):ANAS.E73H)ET-Y:HWF75H00
 13 WA/Y.O85)MER \$IM:(W.-NF73) B."74YT D.FWI92D HA/M:(A70+ MI/K.EM03?
 HAL:)O74WT):ANF\$180YM K.I71Y TAL:/73W. G.A71M)ET-):ELOH/F75Y00 14 14LF/K"N
 YIT."63N):ADONF71Y H91W.) L/FKE73M?)O92WT HIN."74H HF/(AL:MF81H HFRFH03
 W:/YOLE74DET B."80N W:/QFRF71)T \$:M/O73W (IM./F71NW.)"75L00 15 XEM:)F71H?
 W./D:BA73\$ YO)K"92L L:/DA(:T./O91W MF)O71WS B.F/RF73(W./BFXO71WR
 B.A.+O75WB00 16 14K.IY B.:+E63REM Y"DA71(? HA/N.A91(AR MF)O71S B.F/RF73(
 W./BFXO74R B.A.+O92WB T."(FZ"70B HF):ADFMFH03):A\$E74R)AT.F74H QF80C
 MI/P.:N"73Y? \$:N"71Y M:LFKE75Y/HF00 17 YFBI63Y) Y:HWF61H (FLE81Y/KF
 W:/(A75L-(AM./:KF02 W:/(AL-B."74YT)FBIY/KF01 YFMIYM03):A\$E74R? LO)-BF80)W.
 L:/MI/Y.O71WM SW.R-)EP:RA73YIM M"/(A74L Y:HW.DF92H)"73T ME71LEK:
)A\$.75W.R00 18 W:/HFYF74H05 B.A/Y.O74WM HA/H81W.)? YIS:RO70Q Y:HWFH03
 LA/Z.:B80W.B):A\$E71R B.I/Q:C"73H Y:)OR"74Y MIC:RF92YIM? W:/LA63/D.:BOWRF80H
):A\$E73R B.:/E71REC)A\$.75W.R00 19 W./BF63)W. W:/NFX70W. KUL./FM03
 B.:NAX:AL"74Y HA/B.AT.O80WT W./BI/N:QIYQ"73Y HA/S.:LF(I92YM? W./B:/KOL03
 HA/N.A74(:ACW.CI80YM W./B:/KO73L HA/N.AH:ALOLI75YM00? 20 B.A/Y.O74WM
 HA/H83W.) Y:GAL.A74X):ADONFY04 B.:/TA63(AR HA/&.:KIYRF61H B.:/(EB:R"70Y
 NFHFR03 B.:/ME74LEK:?) A\$.80W.R?)ET-HF/RO73)\$ W:/&A74(AR HF/RAG:LF92YIM)J3

W:/GA71M)ET-HA/Z.FQF73N T.IS:P.E75H00 ²¹ W:/HFYF73H B.A/Y.O74WM HA/H92W.)
 Y:XAY.EH-)I91Y\$ (EG:LA71T B.FQF73R W./\$.T."Y-CO75)N00? ²² W:/HFYF81H M"/RO91B
 (:A&O71WT XFLF73B YO)KA74L XEM:)F92H? K.I75Y-XEM:)F70H W./D:BA\$03
 YO)K"80L K.FL-HA/N.O WTF73R B.:/QE71REB HF/)F75REC00? ²³ W:/HFYFH03
 B.A/Y.O74WM HA/H80W.)? YI75H:YE74H KFL-MFQO81WM):A\$E94R
 YI75H:YEH-\$F91M)E71LEP G.E73PEN B.:/E74LEP K.F92SEP? LA/\$.FMI71YR
 W:/LA/\$.A73YIT YI75H:YE75H00? ²⁴ B.A/XIC.I71YM W./BA/Q.E73\$SET YF74BOW)
 \$F92M./FH K.IY-\$FMI71YR WF/\$A73YIT T.I75H:YE71H KFL-HF/)F75REC00? ²⁵ W:/KO74L
 HE/HFRI81YM):A\$E70R B.A/M.A:(D."R03 Y"(F74D"R80W.N LO75)-TFBO74W) \$F80M./FH
 YIR:)A73T \$FMI74YR? WF/\$F92YIT? W:/HFYFH03 L:/MIS:LA74X \$O80WR
 W./L:/MIR:MA73S &E75H00 **8** ¹ WA/Y.O70)MER Y:HWFH03)"L/A80Y QAX-L:/KF73
 G.IL.FYO74WN G.FDO92WL W./K:TO70B (FLFY/W03 B.:/XE74RE+):ENO80W\$?
 L:/MAH"71R \$FLF73L XF71\$ B.A75Z00 ² W:/)F(I74YDFH L./I80Y ("DI73YM
 NE):EMFNI92YM 10)"T)W.RIY.F74H HA/K.OH"80N? W:/)ET-Z:KAR:YF73HW. B.E71N
 Y:BEREK:YF75HW.00 ³ WF/)EQ:RAB03)EL-HA/N.:BIY)F80H WA/T.A73HAR
 WA/T."74LED? B."92N WA/Y.O70)MER Y:HWFH03)"L/A80Y Q:RF74) \$:M/O80W
 MAH"71R \$FLF73L XF71\$ B.A75Z00 ⁴ K.I81Y B.:/+E33REM03? Y"DA74(HA/N.A80(AR
 Q:RO73))FB/I74Y W:/)IM./I92Y YI&.F74)05)ET-X"74YL D.AM.E81&EQ W:/)T03 \$:LA74L
 \$OM:RO80WN? LI/P:N"73Y ME71LEK:)A\$.75W.R00 ⁵ WA/Y.O74SEP Y:HWF80H
 D.AB."71R)"L/A91Y (O73WD L"/)MO75R00? ⁶ YA81(AN K.I70Y MF)AS03 HF/(F74M
 HA/Z.E80H 10)"T M"74Y HA/\$.ILO80XA HA/HOL:KI73YM L:/)A92+ W./M:&O71W&?
)ET-R:CI73YN W./BEN-R:MAL:YF75HW.00? ⁷ W:/LF/K"83N HIN."74H):ADONFY04
 MA(:ALE63H (:AL"Y/HE61M)ET-M"74Y HA/N.FHF81R HF/(:ACW.MIYM03
 W:/HF74/RAB.I80YM?)ET-ME71LEK:)A\$.73W.R W:/)ET-K.FL-K.:BOWD/O92W?
 W:/(FLFH03 (AL-K.FL-):APIYQF80Y/W W:/HFLA73K: (AL-K.FL-G.:DOWTF75Y/W00?
⁸ W:/XFLA70P B.I75/YHW.DFH03 \$F+A74P W:/(FBA80R (AD-CAW.F73)R YAG.I92Y(A?
 W:/HFYFH03 MU+.O74WT K.:NFPF80Y/W M:LO71) RO75XAB-)AR:C/:KF73 (IM./F71NW.
)"75L00 ⁹ RO70(W. (AM.IYM03 WF/XO80T.W. W:/HA75):AZI80YNW. K.O73L
 MER:XAQ."Y-)F92REC? HIT:)AZ.:R74W. WF/XO80T.W. HI75T:)AZ.:R73W.
 WF/XO75T.W.00? ¹⁰ (U71CW. ("CF73H W:/TUPF92R D.AB.:R70W. DFBFR03 W:/LO74)
 YFQ80W.M? K.I71Y (IM./F73NW.)"75L00 ¹¹ K.IY04 KO63H)FMA94R Y:HWF91H)"L/A73Y
 K.:/XEZ:QA74T HA/Y.F92D W:/YIS.:R/"85NIY MI/L.E91KET B.:/DE71REK:
 HF75/(FM-)/HA/Z.E73H L"/)MO75R00? ¹² LO)-TO)M:R74W.N QE80\$ER L:/KO94L
):A\$ER-YO)MA91R HF/(F71M HA/Z.E73H QF92\$ER? W:/)ET-MOWRF/O71W
 LO75)-TI75YR:)73W. W:/LO71) TA(:ARI75YCW.00? ¹³)ET-Y:HWF71H C:BF)O73WT
)OT/O74W TAQ:D.I92Y\$W. W:/H71W.) MOWRA):AKE73M W:/H71W.)
 MA95(:ARI75C:/KE75M00? ¹⁴ W:/HFYF73H L:/MIQ:D.F92\$ W./L:/)E74BEN 14NEGEP
 W./L:/C63W.R MIK:\$O61WL? LI/\$:N"63Y BFT."70Y YI&:RF)"L03 L:/PA74X
 W./L:/MOWQ"80\$ L:/YOW\$"73B Y:RW.\$FLF75IM00? ¹⁵ W:/KF71\$:LW. B/F73M
 RAB.I92YM W:/NFP:L74W. W:/NIS:B.F80RW. W:/NOWQ:\$73W. W:/NIL:K.F75DW.00
¹⁶ CO73WR T:(W.DF92H X:ATO71WM T.OWRF73H B.:/LIM.UD/F75Y00?
¹⁷ W:/XIK.I33YTIY03 W:/XIK.I33YTIY03 LA/YHWF80H LA/YHWF80H HA/M.AS:T.I71YR
 HA/M.AS:T.I71YR P.FNF73Y/W P.FNF73Y/W MI/B."74YT MI/B."74YT YA(:AQO92B
 YA(:AQO92B W:/QIW."73YTI75Y-W:/QIW."73YTI75Y-L/O75W L/O75W00? 00? ¹⁸ HIN."74H
)FNOKI81Y W:/HA/Y:LFDIYM03):A\$E74R NF75TAN-L/I74Y Y:HWF80H L:/)OTO71WT
 W./L:/MOWP:TI73YM? B.:/YI&:RF)"92L? M"/(IM03 Y:HWF74H C:)FO80WT
 HA/\$.OK"73N B.:/HA71R CIY.O75WN00 ¹⁹ W:/KI75Y-YO)M:R74W.):AL"Y/KE81M
 D.IR:\$70W.)EL-HF/)OBOWT03 W:/)EL-HA/Y.ID.:(ONI80YM HA75/M:CAP:C:PI73YM?
 W:/HA/M.AH:G.I92YM H:A/LOW)-(AM03)EL-):ELOHF74Y/W YID:RO80\$ B.:(A71D
 HA/XAY.I73YM)EL-HA/M."TI75YM00? ²⁰ L:/TOWRF73H W:/LI/T:(W.DF92H)IM-LO70)
 YO75)M:RW.03 K.A/D.FBF74R HA/Z.E80H):A\$E71R)"75YN-L/O73W \$F75XAR00?
²¹ W:/(F71BAR B./F73H. NIQ:\$E74H W:/RF("92B W:/HFYF63H KI75Y-YIR:(A61B
 W:/HIT:QAC.A81P? W:/QIL."94L B.:/MAL:K./O91W W./B"/)LOHF73Y/W W./PFNF71H
 L:/MF75(:L/FH00 ²² W:/)EL-)E73REC YAB.I92Y+? W:/HIN."63H CFRF70H WA/X:A\$"KFH03
 M:(74W.P CW.QF80H WA):AP"LF73H M:NUD.F75X00 ²³ K.I74Y LO74) MW.(FP02
 LA):A\$E74R MW.CF74Q L/FH.01? K.F/("74T HF/RI)\$O81WN H"QA62L?)A70R:C/FH
 Z:BULW.N03 W:/)A74R:C/FH NAP:T.FL80Y? W:/HF/)AX:ARO73WN HIK:B.I92YD

D.E70REK: HA/Y.FM03? ("74BER HA/Y.AR:D."80N G.:LI73YL HA/G.OWYI75M00?
9 ₁ HF/(FM03 HA/HOL:KI74YM B.A/XO80\$EK: RF)73W.)O74WR G.FDO92WL?
 YO\$:B"Y03 B.:/E74REC CAL:MF80WET)O73WR NFGA71H. (:AL"Y/HE75M00?
₂ HIR:B.I74YTF HA/G.O80WY **L/O73W HIG:D.A74L:T.F HA/&.IM:XF92H? &FM:X70W.
 L:/PFNE33Y/KF03 K.:/IM:XA74T B.A/Q.FCI80YR? K.A):A\$E71R YFGI73YWL.
 B.:XAL.:Q/F71M \$FLF75L00? ₃ K.I74Y05)ET-(O74L SUB.:FL/O81W W:/"T03 MA+."74H
 \$IK:M/O80W? \$"73BE+ HA/N.OG"74& B./O92W HAXIT.O73TF K.:/YO71WM
 MID:YF75N00? ₄ K.I70Y KFL-S:)OWN03 SO)"74N B.:RA80(A\$? W:/&IM:LF73H
 M:GOWLFLF74H B:/DFMI92YM? W:/HFY:TF71H LI/&:R"PF73H MA):AKO71LET)"75\$00?
₅ K.IY-YE74LED YUL.AD-L/F81NW. 10B."N NIT.AN-L/F80NW.? WA/T.:HI71Y
 HA/M.I&:RF73H (AL-\$IK:M/O92W? WA/Y.IQ:RF63) \$:M/O61W 14P.ELE) YOW("C03?
)"74L G.IB.O80WR):ABIY(A73D? &AR-\$FLO75WM00? ₆ **L:/MAR:B."63H]M
 HA/M.I&:RF61H W.L:/FLO74WM)"75YN-Q"81C? (AL-K.IS."70) DFWID03
 W:/(AL-MAM:LAK:T./O80W? L:/HFKI70YN)OT/FH.03 W.95/L:/SA(:AD/F80H.?
 B.:MIS:P.F73+ W./BI/C:DFQF92H M"/(AT.FH03 W:/(AD-(OWLF80M? QIN:)A91T
 Y:HWF71H C:BF)O73WT T.A:(A&EH-Z.O75)T00 ₇ D.FBF91R \$FLA71X):ADONF73Y
 B.:YA:(AQO92B W:/NFPA73L B.:/YI&:RF)"75L00? ₈ W:/YFD:(W.03 HF/(F74M K.UL./O80W
)EP:RA73YIM W:/YOW\$"74B \$OM:RO92WN? B.:/GA):AWF91H W./B:/GO71DEL L"BF73B
 L"/)MO75R00? ₉ L:B"NI71YM NFPF73LW. W:/GFZI74YT NIB:NE92H \$IQ:MI74YM
 G.UD.F80(W. WA):ARFZI73YM NAX:ALI75YP00? ₁₀ WA/Y:&AG."94B Y:HWF91H
)ET-CFR"71Y R:CI73YN (FLF92Y/W W:)/ET-)OY:BF73Y/W Y:SAK:S"75K:00? ₁₁):ARF74M
 MI/Q.E81DEM W./P.LI\$:T.IYM03 M"75/)FXO80WR WA/Y.O)K:L71W.)ET-YI&:RF)"73L
 B.:/KFL-P.E92H? B.:/KFL-ZO)T03 LO)-\$F74B)AP./O80W W:/(O73WD YFD/O71W
 N:+W.YF75H00? ₁₂ W:/HF/(F71M LO)-\$F73B (AD-HA/M.AK./"92HW. W:)/ET-Y:HWF71H
 C:BF)O73WT LO71) DFRF75\$W.00 ₁₃ WA/Y.AK:R"63T Y:HWF61H MI/Y.I&:RF)"81L
 RO94)\$ W:/ZFN91B K.IP.F71H W:)/AG:MO73WN YO71WM)EXF75D00? ₁₄ ZFQ"71N
 W./N:&W.)-PFNI73YM H74W.) HF/RO92)\$ W:/NFB171Y) MO75WREH-\$E73QER H71W.)
 HA/Z.FNF75B00? ₁₅ WA/Y.I75H:Y91W. M:)A\$.R"71Y HF75/(FM-HA/Z.E73H MAT:(I92YM
 W./M:)U\$.FRF73Y/W M:BUL.F(I75YM00? ₁₆ (AL-K."63N (AL-B.AXW.RF61Y/W
 LO75)-YI&:MA74X05):ADONF81Y W:)/ET-Y:TOMF70Y/W W:)/ET-)AL:M:NOTFY/W03?
 LO74) Y:RAX"80M? K.I70Y KUL./OW03 XFN"74P W./M"RA80(W:/KFL-P.E73H D.OB"74R
 N:BFLF92H? B.:/KFL-ZO)T03 LO)-\$F74B)AP./O80W W:/(O73WD YFD/O71W
 N:+W.YF75H00? ₁₇ K.I75Y-BF(:ARF70H KF/)"\$03 RI\$:(F80H \$FMI71YR WF/\$A73YIT
 T.O)K"92L? WA/T.IC.AT03 B.:/SI75B:K"74Y HA/Y.A80(AR WA/Y.I75T:)AB.:K73W.
 G.)"71W.T (F\$F75N00? ₁₈ B.:/(EB:RA91T Y:HWF71H C:BF)O73WT NE(:T.A74M)F92REC
 WA/Y:HI70Y HF/(FM03 K.:/MA):AKO74LET)"80\$?)I71Y\$)EL-)FXI73Y/W LO71)
 YAX:MO75LW.00? ₁₉ WA/Y.IG:ZO70R (AL-YFMIYN03 W:/RF("80B WA/Y.O71)KAL
 (AL-&:MO73)WL W:/LO74) &FB"92(W.?)I71Y\$ B.:&AR-Z:RO(/O73W YO)K"75LW.00?
₂₀ M:NA\$.E74H)ET-)EP:RA81YIM W:)/EP:RA33YIM03)ET-M:NA\$.E80H YAX:D.F71W
 H"73M.FH (AL-Y:HW.DF92H? B.:/KFL-ZO)T03 LO)-\$F74B)AP./O80W W:/(O73WD
 YFD/O71W N:+W.YF75H00 **10** ₁ HO71WY HA/XO75Q:QI73YM XIQ:Q"Y-)F92WEN
 W.95/M:KAT.:BI71YM (FMF73L K.IT."75BW.00? ₂ L:/HA+.O70WT MI/D.IYN03
 D.AL.I80YM W:/LI/G:ZO85L MIS:P.A73+ (:ANIY."74Y (AM./I92Y? LI/H:YO70WT
)AL:MFNOWT03 \$:LFL/F80M W:)/ET-Y:TOWMI73YM YFBO75Z.W.00?
₃ W./MA75H-T.A:(A&W.O3 L:/YO74WM P.:QU.D.F80H W./L:(\$OW)F73H MI/M.ER:XF74Q
 T.FBO92W)? (AL-MIY03 T.FN74W.SW. L:/(EZ:RF80H W:)/F71N/FH TA(AZ:B73W.
 K.:BOWD:/KE75M00? ₄ B.I.L:T.I70Y KFRA(03 T.A74XAT)AS.I80YR W:/TA71XAT
 H:ARW.GI73YM YIP.O92LW.? B.:/KFL-ZO)T03 LO)-\$F74B)AP./O80W W:/(O73WD
 YFD/O71W N:+W.YF75H00 ₅ HO71WY)A\$.73W.R \$"74BE+)AP./I92Y W./MA+.EH-H71W.)
 B:/YFD/F73M ZA(:M/I75Y00? ₆ B.:/GO70WY XFN"P03):A\$.AL.:X/E80N.W. W:/(AL-(A71M
 (EB:RFT/I73Y):ACAW./E92N.W.? LI/\$.LO70L \$FLFL03 W:/LF/BO74Z B.A80Z
 **W./L:/&W.M/O71W MIR:MF73S K.:/XO71MER XW.CO75WT00? ₇ W:/HW.)03 LO)-K"74N
 Y:DAM.E80H W./L:BFBO73W LO)-K"74N YAX:\$O92B? ₁₀ K.IY L:/HAS:MI74YD
 B.I/L:BFBO80W W./L:/HAK:RI71YT G.OWYI73M LO71) M:(F75+00 ₈ K.I73Y YO)MA92R?
 H:A/LO71) &FR/A91Y YAX:D.F73W M:LFKI75YM00 ₉ H:A/LO71) K.:/KAR:K.:MI73Y\$
 K.AL:NO92W?)IM-LO70) K:)/AR:P.AD03 X:AMF80T)IM-LO71) K:/DAM.E73&EQ
 SOM:RO75WN00? ₁₀ K.A):A\$ER03 MFC:)F74H YFD/I80Y L:/MAM:L.KO73T

HF/):ELI92YL? W./P:SI74YL"Y/HE80M MI/YR75W.\$FLA73IM W./MI/\$.OM:RO75WN00?
¹¹ H:A/LO81) K.A/):A\$E71R (F&I91YTIY L:/\$OM:RO73WN W:/LE/):ELIYLE92Y/HF? K."91N
)E:(E&E71H LI/YRW.\$FLA73IM W:/LA/(:ACAB.E75Y/HF00 ¹² W:/HFYF81H
 K.I75Y-Y:BAC.A70():ADONFY03)ET-K.FL-MA95(:A&/"80HW. B.:/HA71R CIY.O73WN
 W./BI/YRW.\$FLF92IM)EP:QO81D? (AL-P.:RIY-GO33DEL03 L:BA74B
 ME75LEK:-)A\$.80W.R W:/AL-T.IP:):E73RET R71W.M ("YNF75Y/W00 ¹³ K.I74Y)FMA81R?
 B.:/KO70XA YFD/IY03 (F&I80YTIY W:/B:/XFK:MFT/I73Y K.I74Y N:BUNO92WTIY?
 W:/)FSI74YR05 G.:BW.LO74T (AM.I81YM **WA/(:ATW.DO75WT"Y/HEM03
 \$OW&"80TIY? W:/)OWRI71YD K.A)B.I73YR YOW\$:BI75YM00? ¹⁴ WA/T.IM:CF63)
 KA/Q."70N05 YFD/IY03 L:/X"74YL HF75/(AM.I80YM? W:/KE/):ESOP03 B."YCI74YM
 (:AZUBO80WT K.FL-HF/)F73REC):ANI74Y)FSF92P:T.IY? W:/LO70) HFYFH03 NOD"74D
 K.FNF80P W./POCE71H PE73H W./M:CAP:C"75P00? ¹⁵ H:A/YIT:P.F)"R03 HA/G.AR:ZE80N
 (A73L HA/XOC"74B B./O92W)IM-YIT:G.AD."70L HA/M.A&.OWR03 (AL-M:NIYP/O80W?
 K.:/HFNI71YP \$"33BE+03 W:/)ET-M:RIYMF80Y/W K.:/HFRI71YM MA+.E73H
 LO)-("75C00? ¹⁶ 14LF/K"N Y:\$AL.A63X HF/)FDO61WN Y:HWF94H C:BF)O91WT
 B.:/MIS:MAN.F73Y/W RFZO92WN? W:/TA94XAT K.:BOD/O91W Y"QA71D Y:QO73D
 K.IYQO71WD)"75\$00? ¹⁷ W:/HFYF70H)O75WR-YI&:RF)"L03 L:/)"80\$ W:/Q:DOW\$/O73W
 L:/LEHFBF92H? W:/BF(:ARF81H W:/)F75K:LF91H \$IYT/O71W W:/\$:MIYR/O73W
 B.:/YO71WM)EXF75D00? ¹⁸ W:/K:BO70WD YA(:R/OW03 W:/KAR:MIL./O80W
 MI/N.E71PE\$ W:/AD-B.F&F73R Y:KAL.E92H? W:/HFYF73H K.I/M:SO71S NOS"75S00?
¹⁹ W:/):F71R ("91C YA(:R/O73W MIS:P.F74R YI75H:Y92W. W:/NA73(AR YIK:T.:B/"75M00
²⁰ W:/HFYF74H05 B.A/Y.O74WM HA/H81W.) LO75)-YOWSI63YP (O61WD \$:):F70R
 YI&:RF)"L03 W:/P:L"Y+A74T B."75YT-?YA(:AQO80B L:/HI\$.F("73N (AL-MAK./"92HW.
 W:/NIS:(A81N (AL-Y:HWF91H Q:DO71W\$ YI&:RF)"73L B.E/):EME75T00? ²¹ \$:):F71R
 YF\$73W.B \$:):F74R YA(:AQO92B)EL-)"73L G.IB.O75WR00 ²² K.I74Y)IM-YIH:YE62H
 (AM./:KF70 YI&:RF)"L03? K.:/XO74WL HA/Y.F80M \$:):F73R YF\$74W.B B./O92W
 K.I.L.FYO71WN XFR73W.C \$OW+"71P C:DFQF75H00 ²³ K.I71Y KFLF73H?
 W:/NEX:ERFCF92H):ADONF70Y Y:HWIH03 C:BF)O80WT (O&E73H B.:/QE71REB
 K.FL-HF/)F75REC00 ²⁴ LF/K"81N K.O75H)-FMA62R):ADONF70Y Y:HWIH03 C:BF)O80WT
)AL-T.IYRF71) (AM./I91Y YOS"71B CIY.O73WN? M"75/)A\$.92W.R B.A/\$."74BE+
 YAK./E80K.FH W./MA+./"71HW. YI&.F75)-(FLE73Y/KF B.:/DE71REK: MIC:RF75YIM00
²⁵ K.IY-(O73WD? M:(A74+ MIZ:(F92R W:/KF74LFH ZA80(AM W:/)AP./I73Y
 (AL-T.AB:LIYT/F75M00 ²⁶ W:/)OWR"63R (FLF61Y/W Y:HWF70H? C:BF)OWT03 \$O80W+
 K.:/MAK.A71T MID:YF73N B.:/C74W.R (OWR"92B W./MA+./"33HW.03 (AL-HA/Y.F80M
 W./N:&F)/O73W B.:/DE71REK: ? MIC:RF75YIM00 ²⁷ W:/HFYF74H05 B.A/Y.O74WM
 HA/H81W.)? YFS70W.R SUB.:FL/OW03 M"/(A74L \$IK:M/E80KF W:/)UL./O73W M"/(A74L
 CAW.F)R/E92KF W:/XUB.A71L? (O73L MI/P.:N"Y-\$F75MEN00 ²⁸ B.F71) (AL-(AY.A73T?
 (FBA74R B.:/MIG:RO92WN L:/MIK:MF73& YAP:QI71YD K."LF75Y/W00? ²⁹ (F75B:RW.03
 MA(:B.FRF80H G.E73BA(MFLO74WN L/F92NW. XF75R:DFH03 HF75/RFMF80H
 G.IB:(A71T \$F)73W.L NF75SFH00? ³⁰ CAH:ALI71Y QOWL/"73K: B.AT-G.AL.I92YM
 HAQ:\$I71YBIY LA73Y:\$/FH? (:ANIY.F71H (:ANFTO75WT00 ³¹ NFD:DF73H
 MAD:M"NF92H? YOS:B"71Y HA/G."BI73YM H"(I75YZW.00? ³² (O71WD HA/Y.O73WM
 B.:/NO74B LA75/(:AMO92D? Y:NOP"70P YFD/OW03 HA74R **B.AT-CIY.O80WN
 G.IB:(A73T Y:RW.\$FLF75IM00 ³³ HIN."70H HF/)FDOWN03 Y:HWF74H C:BF)O80WT
 M:SF("71P P.U)RF73H B.:/MA(:ARFCF92H? W:/RFM"70Y HA/Q.OWMFH03 G.:DW.(I80YM
 W:/HA/G.:BOHI73YM YIS:P.F75LW.00? ³⁴ W:/NIQ.A91P SI75B:K"71Y HA/Y.A73(AR
 B.A/B.AR:ZE92L W:/HA/L.:BFNO73WN B.:/AD.I71YR YIP.O75WL00 **11** ¹ W:/YFCF71)
 XO73+ER MI/G."74ZA(YISF92Y W:/N"73CER MI/\$.FRF\$F71Y/W YIP:RE75H00?
² W:/NFXF71H (FLF73Y/W R74W.XA Y:HWF92H R94W.XA XFK:MF74H W:/BIYNF81H?
 R70W.XA ("CFH03 W:/G:BW.RF80H R71W.XA D.A73(AT W:/YIR:):A71T Y:HWF75H00?
³ WA/H:ARIYX/O73W B.:/YIR:):A74T Y:HWF92H? W:/LO75)-L:/MAR:)"70H ("YNFY/W03
 YIS:P.O80W+ W:/LO75)-L:/MIS:MA71()FZ:NF73Y/W YOWKI75YXA00? ⁴ W:/\$FPA70+
 B.:/CE33DEQ03 D.AL.I80YM W:/HOWKI71YXA B.:/MIY\$O73WR L:/AN:W"Y)-F92REC?
 W:/HI75K.FH-)E33REC03 B.:/"74BE+ P.I80Y/W W:/B:/R71W.XA &:PFTF73Y/W
 YFMI71YT RF\$F75(00? ⁵ W:/HF71YFH CE73DEQ)"ZO74WR MFT:NF92Y/W
 W:/HF/):EMW.NF73H)"ZO71WR X:ALFCF75Y/W00? ⁶ W:/GF70R Z:)"B03 (IM-K.E80BE&
 W:/NFM"73R (IM-G.:DI74Y YIR:B.F92C? W:/("63GEL W:/K:PI70YR W:/M:RIY)03

YAX:D.F80W W:/NA71(AR QF+O73N NOH"71G B./F75M00? 7 W./PFRF70H WF/DOB03
 T.IR:(E80YNFH YAX:D.F73W YIR:B.:C74W. YAL:D"Y/HE92N? W:/)AR:Y"73H
 K.A/B.FQF71R YO75)KAL-T.E75BEN00 8 W:/\$I75(:A\$A71(YOWN"73Q (AL-XU74R
 P.F92TEN? W:(AL03 M:)W.RA74T CIP:(OWNI80Y G.FM73W.L YFD/O71W HFDF75H00?
 9 LO75)-YFR"71(W. W:/LO75)-YA\$:XI73YTW. B.:KFL-HA74R QFD:\$/I92Y?
 K.I75Y-MFL:)F74H HF/)F81REC D."(FH03)ET-Y:HWF80H K.A/M.A73YIM LA/Y.F71M
 M:KAS.I75YM00 10 W:/HFYFH03 B.A/Y.O74WM HA/H80W.) \$O74RES YI\$A81Y):A\$E70R
 (OM"D03 L:/N"74S (AM.I80YM?)"LF73Y/W G.OWYI74M YID:RO92\$W. W:/HFY:TF71H
 M:NUXFT/O73W K.FBO75WD00 11 W:/HFYF74H05 B.A/Y.O74WM HA/H81W.)
 YOWSI63YP):ADONF70Y05 \$"NIYT03 YFD/O80W? LI/Q:NO73WT)ET-(\$:F74R
 (AM./O92W):A\$E74R YI\$.F)"R04 M")A\$.63W.R W./MI/M.IC:RA61YIM?
 W./MI/P.AT:RO74WS W./MI/K.81W.\$ W./M"/("YLF70M W./MI/\$.IN:(FR03
 W./M"74/X:AMF80T W./M"/)IY."73Y HA/Y.F75M00? 12 W:/NF&F71) N"S03 LA/G.OWYI80M
 W:/)FSA73P NID:X"74Y YI&:RF)"92L? W./N:PUCO70WT Y:HW.DFH03 Y:QAB."80C
 M")AR:B.A73(K.AN:PO71WT HF/)F75REC00? 13 W:/SF33RFH03 QIN:)A74T)EP:RA80YIM
 W:/COR:R"71Y Y:HW.DF73H YIK.FR"92TW.?)EP:RA33YIM03 LO75)-Y:QAN."74)
)ET-Y:HW.DF80H W175/YHW.DF73H LO75)-YFCO71R)ET-)EP:RF75YIM00? 14 W:/(FP63W.
 B:/KFT"70P P.:LIS:T.IYM03 YF80M./FH YAX:D.F73W YFBO74Z.W.
)ET-B.:N"Y-QE92DEM?):EDO70WM W./MOW)FB03 MI\$:LO74WXJ1 YFD/F80M
 W./B:N"71Y (AM.O73WN MI\$:MA:(T./F75M00? 15 W:/HEX:ERI74YM Y:HWF81H 10)"T
 L:\$O74WN YFM-MIC:RA80YIM W:/H"NI71YP YFD/O91W (AL-HA/N.FHF73R?
 B.A/(:YF74M RW.X/O92W? W:/HIK./F33HW.03 L:/\$IB:(F74H N:XFLI80YM
 W:/HID:RI73YK: B.A/N.:(FLI75YM00? 16 W:/HFY:TF74H M:SIL.F80H LI:\$:)F74R
 (AM./O80W):A\$E71R YI\$.F)"73R M"75/)A\$.92W.R? K.A/):A\$E70R HF75Y:TFH03
 L:/YI&:RF)"80L B.:YO71WM (:ALOT/O73W M"/)E71REC MIC:RF75YIM00?
12 1 W:/F75MAR:T.F03 B.A/Y.O74WM HA/H80W.)?)OWD:/KF74 Y:HWF80H K.I71Y
)FNA73P:T.F B./I92Y YF\$O71B)AP./:KF73 W.95/T:NAX:AM/"75NIY00? 2 HIN."63H)"94L
 Y.\$W.(FT/I91Y)EB:+A73X W:/LO74))EP:XF92D? K.I75Y-(FZ./I70Y W:/ZIM:RFT03 YF74H.
 Y:HWF80H WA75/Y:HIY-L/I73Y LI75/Y\$W.(F75H00? 3 W./\$:)AB:T.EM-MA73YIM
 B.:/F&O92WN MI/M.A(AY:N"73Y HA/Y:\$W.(F75H00? 4 WA/):AMAR:T.E62M
 B.A/Y.O74WM HA/H81W.) HOWD70W. LA75/YHWFH03 QIR:)74W. BI/\$:M/O80W?
 HOWDI71Y(W. BF75/(AM.I73YM (:ALI75YLOTF92Y/W HAZ:K.I85YRW. K.I71Y
 NI&:G.F73B \$:M/O75W00? 5 ZAM.:R74W. Y:HWF80H K.I71Y G")73W.T (F&F92H
 **MW.DA71(AT ZO73)T B.:/KFL-HF/)F75REC00? 6 CAH:ALI71Y WF/RO73N.IY
 YOW\$E74BET CIY.O92WN K.I75Y-GFDO71WL B.:/QIR:B./"73K: Q:DO71W\$
 YI&:RF)"75L00 **13** 1 MA&.F73) B.FBE92L):A\$E74R XFZF80H Y:\$A(:YF73HW.
 B.EN-)FMO75WC00? 2 (A70L HAR-NI\$:P.EH03 &:75)W.-N"80S HFRI71YMW. QO73WL
 L/FHE92M? HFNI74YPW. YF80D W:/YFBO73)W. P.IT:X"71Y N:DIYBI75YM00? 3):ANI71Y
 CIW."73YTIY LI/M:QUD.F\$/F92Y? G.A74M QFRF70)TIY GIB.OWR/AY03 L:/)AP./I80Y
 (AL.IYZ"73Y G.A):AWFT/I75Y00? 4 QO71WL HFMO91WN B.E75/HFRI73YM D.:M74W.T
 (AM-RF92B? 14QOWL \$:)O62WN MAM:L:KO70WT G.OWYIM03 NE75):ESFPI80YM?
 Y:HWF74H C:BF)O80WT M:PAQ."73D C:BF71) MIL:XFMF75H00? 5 B.F)I91YM
 M"/)E71REC MER:XF73Q MI/Q:C"74H HA/\$.FMF92YIM? Y:HWFH03 W./K:L"74Y
 ZA:(M/O80W L:/XAB."73L K.FL-HF/)F75REC00? 6 H"YLI85YLW. K.I71Y QFRO73WB
 YO74WM Y:HWF92H K.:/O73D MI/\$.AD.A71Y YFBO75W)00? 7 (AL-K."73N
 K.FL-YFDA74YIM T.IR:P.E92YNFH W:/KFL-L:BA71B):ENO73W\$ YIM.F75S00]3
 8 W:/75/NIB:HF65LW.05? CIYRI70YM WA75/X:ABFLIYM03 YO75)X"Z80W.N
 K.A/Y.OWL"DF73H Y:XIYL92W.N?)I70Y\$)EL-R"/("33HW.03 YIT:MF80HW. P.:N"71Y
 L:HFBI73YM P.:N"Y/HE75M00? 9 HIN."70H YOWM-Y:HWFH03 B.F80))AK:ZFRI71Y
 W:/)EB:RF73H WA/X:ARO74WN)F92P? LF/&70W.M HF/)F33REC03 L:/\$AM.F80H
 W:/XA+.F)E73Y/HF YA\$:MI71YD MI/M./E75N.FH00? 10 K.I75Y-KOWK:B"70Y
 HA/\$.FMA33YIM03 W./K:SI74YL"Y/HE80M LO71) YFH"73L.W.)OWR/F92M? XFA70K:
 HA/\$.E33ME\$03 B.:/C")T/O80W W:/YFR"73XA LO75)-YAG.I71YHA)OWR/O95W00?
 11 W./PFQAD:T.I70Y (AL-T."B"L03 RF(F80H W:/)AL-R:\$F(I73YM (:AWON/F92M?
 W:/HI\$:B.AT.IY03 G.):O74WN Z"DI80YM W:/GA):AWA71T (FRIYCI73YM)A\$:P.I75YL00?
 12)OWQI71YR):ENO73W\$ MI/P.F92Z W:/)FDF73M MI/K.E71TEM)OWPI75YR00?
 13 (AL-K."N03 \$FMA74YIM)AR:G.I80YZ W:/TIR:(A71\$ HF/)F73REC MI/M.:QOWM/F92H.?

B.:(EB:RAT03 Y:HWF74H C:BF)O80WT W./B:/YO73WM X:ARO71WN)AP./O75W00?
 14 W:/HFYFH03 K.I/C:BI74Y MUD.F80X W./K:/CO73)N W:/)"74YN M:QAB."92C?)I70Y\$
)EL-(AM./OW03 YIP:N80W. W:/)I71Y\$)EL-)AR:C/O73W YFN75W.SW.00?
 15 K.FL-HA/N.IM:CF73) YID.FQ"92R W:/KFL-HA/N.IS:P.E73H YIP.O71WL B.E/XF75REB00?
 16 W:/(OL:L"Y/HE71M Y:RU+.:\$73W. L:/("75YN"Y/HE92M? YI\$.A33S.W.03
 B.F75T."Y/HE80M W./N:\$"Y/HE73M **T.I\$.FKA75B:NFH00? 17 HIN:/NI91Y M"(I71YR
 (:AL"Y/HE73M)ET-MFDF92Y?):A\$ER-K.E33SEP03 LO74) YAX:\$O80BW. W:/ZFH73B
 LO71) YAX:P.:CW.-B/O75W00? 18 W./Q:\$FTO73WT N:(FRI74YM T.:RA+.A92\$:NFH?
 W./P:RIY-BE33+EN03 LO74) Y:RAX"80MW. (AL-B.FNI73YM LO75)-TFX71W.S
 ("YN/F75M00? 19 W:/HFY:TF70H BFBEL03 C:BI74Y MAM:LFKO80WT T.IP:):E73RET
 G.:O74WN K.A&:D.I92YM? K.:MAH.P."KA74T)E:LOHI80YM)ET-S:DO73M
 W:/)ET-(AMORF75H00? 20 LO75)-T"\$74B LF/NE80CAX W:/LO71) TI\$:K.O73N
 (AD-D.O74WR WF/DO92WR? W:/LO75)-YAH"71L \$FM03 (:ARFBI80Y W:/RO(I73YM
 LO)-YAR:B.I71CW. \$F75M00? 21 W:/RFB:CW.-\$F74M CIY.I80YM W./MFL:)71W.
 BFT."Y/HE73M)OXI92YM? W:/\$F70K:NW. \$FM03 B.:NO74WT YA75:(ANF80H
 W./&:(YIRI73YM Y:RAQ.:DW.-\$F75M00? 22 W:/(FNF70H)IY.IYM03
 B.:)AL:M.NOWTF80Y/W]2 W:/TAN.I73YM B.:H"74YK:L"Y (O92NEG? W:/QFRO70WB
 LF/BOW)03 (IT./F80H. W:/YFME73Y/HF LO71) YIM.F\$ "75KW.00? 14 K.IY04 Y:RAX"63M
 Y:HWF61H)E75T-YA:(AQO81B W./BFXA71R (OWD03 B.:/YI&:RF)"80L W:/HIN.IYX/F73M
 (AL-?)AD:MFT/F92M W:/NIL:WF70H HA/G."R03 (:AL"Y/HE80M W:/NIS:P.:X73W.
 (AL-B."71YT YA:(AQO75B00 2 W./L:QFX74W./M (AM.IYM02? WE/H:EBIY)74W./M
)EL-M:QOWM/FM01 W:/HI75T:NAX:AL74W./M B."75YT-YI&:RF)"81L 10(AL)AD:MA74T
 Y:HWF80H? LA/(ABFDI73YM W:/LI\$:PFXO92WT W:/HFYW.03)SOBI74YM
 L:/SO75B"Y/HE80M W:/RFD73W. B.:NOG:&"Y/HE75M00 3 W:/HFYF81H? B.:YO63WM
 HFNI70YXA Y:HWFH03 L:/KF80 M"75/(FC.B.:KF73 W./M"/RFG:Z/E92KF
 W./MIN-HF/(ABODF71H HA/Q.F\$F73H):A\$E71R? (UB.AD-B./F75K:00 4 W:/NF&F61)TF
 HA/M.F\$F71L HA/Z.E91H (AL-ME71LEK: B.FBE73L W:/)FMF92R:T.F? 10)"YK: \$FBA74T
 NOG"80& \$FB:TF73H MAD:H"BF75H00? 5 \$FBA71R Y:HWF73H MA+."74H R:\$F(I92YM
 \$"73BE+ MO\$:LI75YM00? 6 MAK.E70H (AM.IYM03 B.:/EB:RF80H MAK.A73T B.IL:T.I74Y
 SFRF92H? RODE70H BF)AP03 G.OWYI80M MUR:D.F73P B.:LI71Y XF&F75K:00?
 7 NF71XFH \$FQ:+F73H K.FL-HF/)F92REC P.FC:X73W. RIN.F75H00?
 8 G.AM-B.:ROW\$I91YM &FM:X71W. L:/KF73)AR:Z"74Y L:BFNO92WN?]3 M")F74Z
 \$FKA80B:T.F LO75)-YA:(ALE71H HA/K.OR"73T (FL"75Y/NW.00? 9 \$):O81WL
 MI/T.A91XAT RFG:ZF71H L:/KF73 LIQ:RA74)T B.OW)/E92KF? (OWR"63R L:/KF70
 R:PF)IYM03 K.FL-(AT.74W.D"Y)F80REC? H"QIYM03 MI/K.IS:)OWT/F80M K.O73L
 MAL:K"71Y GOWYI75M00? 10 K.UL./F74M YA75:(AN80W. W:/YO)M:R73W.)"LE92Y/KF?
 G.AM-)AT.F91H XUL."71YTF KFMO73W/NW.)"L"71Y/NW. NIM:\$F75L:T.F00?
 11 HW.RA71D \$):O91WL G:)OWN/E73KF HEM:YA74T N:BFLE92Y/KF? T.AX:T.E33Y/KF03
 YUC.A74(RIM.F80H W./M:KAS.E73Y/KF T.OWL"(F75H00? 12)"91YK: NFPA71L:T.F
 MI/\$.FMA73YIM H"YL"74L B.EN-\$F92XAR? NIG:D.A74:(T.F LF)/F80REC XOWL"73\$
 (AL-G.OWYI75M00? 13 W:/)AT.F62H)FMA70R:T.F BI75/L:BFB:/KF03 HA/\$.FMA74YIM
)E75:(ELE80H? MI/M.A71(AL L:/KO75WK:B"Y-)"73L)FRI74YM K.IS:)/I92Y? W:/)"\$71B
 B.:/HAR-MOW("73D B.:/YAR:K.:T"71Y CFPO75WN00? 14)E:(ELE73H (AL-B.F74M:FT"Y
 (F92B)ED.AM.E73H L:/EL:YO75WN00? 15)A94K:)EL-):O91WL T.W.RF73D
)EL-YAR:K.:T"Y-BO75WR00? 16 RO)E33Y/KF03)"LE74Y/KF YA\$:G.I80YXW.)"LE73Y/KF
 YIT:B.OWNF92NW.? H:A/ZE70H HF)/IY\$03 MAR:G.I74YZ HF)/F80REC MAR:(I73Y\$
 MAM:LFKO75WT00? 17 &F71M T."B"91L K.A.M.ID:B.F73R W:/FRF74Y/W HFRF92S?
):ASIYRF73Y/W LO)-PF71TAX B.F75Y:T/FH00 18 K.FL-MAL:K"71Y GOWYI73M?
 K.UL./F92M \$FK:B71W. B:/KFBO73WD)I71Y\$ B.:/B"YT/O75W00? 19 W:/)AT.F62H
 HF\$:LA70K:T.F MI75/Q.IB:R:/KF03 K.:N"74CER NIT:(F80B? L:B71W.\$ H:ARUGI73YM
 M:+O74(:AN"Y XF92REB YOWR:D"71Y)EL-)AB:N"Y-BO73WR K.:/PE71GER?
 MW.BF75S00? 20 LO75)-T"XA70D)IT.FM03 B.I/Q:BW.RF80H? K.I75Y-)AR:C:/KF71
 \$IXA73T.F (AM./:KF74 HFRF92G:T.F? LO75)-YIQ.FR"71) L:/O7LF73M ZE71RA(
 M:R"(I75YM00? 21 HFKI94YNW. L:/BFNF91Y/W MA+:B."73XA B.A/(:AWO74N
):ABOWT/F92M? B.AL-YFQU33MW.03 W:/YF74R:\$W.)F80REC W./MFL:)71W.
 P:N"75Y-T"B"73L (FRI75YM00? 22 W:/QAM:T.I74Y (:AL"Y/HE80M N:)U73M Y:HWF74H
 C:BF)O92WT? W:/HIK:RAT.I63Y L:/BFB61L \$"71M W./\$):F91R W:/NI71YN WF/NE73KED

N:)UM-Y:HWF75H00? ²³ W:/&AM:T.I91Y/HF L:/MOWRA71\$ QIP.O73D
W:/)AG:M"Y-MF92YIM? W:/+"75)+")TI33Y/HF03 B.:/MA+:):A+"74) HA\$:M"80D N:)U73M
Y:HWF71H C:BF)O75WT00 ²⁴ NI\$:B.A91(Y:HWF71H C:BF)O73WT L"/)MO92R)IM-LO62)?
K.A):A\$E70R D.IM.I33YTIY03 K."74N HFYF80TFH W:/KA/):A\$E71R YF(A73C:T.IY
HI71Y) TFQ75W.M00? ²⁵ LI\$:B.O70R)A\$.W.R03 B.:/AR:C/I80Y W:/AL-HFR/A73Y
):ABW.S/E92N.W.? W:/SF70R M"75/(:AL"Y/HEM03 (UL./O80W W:/SU63B.:FL/O80W
M"/(A71L \$IK:M/O73W YFS75W.R00? ²⁶ ZO91)T HF/("CF71H HA/Y.:(W.CF73H
(AL-K.FL-HF/)F92REC W:/ZO91)T HA/Y.F71D HA/N.:+W.YF73H
(AL-?K.FL-HA/G.OWYI75M00? ²⁷ K.I75Y-Y:HWF94H C:BF)O91WT YF(F73C W:/MI74Y
YFP"92R W:/YFD/O71W HA/N.:+W.YF73H W:/MI71Y]3 Y:\$IYB/E75N.FH00
²⁸ B.I\$:NAT-MO73WT HA/M.E74LEK:)FXF92Z HFYF73H HA/M.A.&.F71) HA/Z.E75H00?
²⁹)A75L-T.I&:M:XI70Y P:LE33\$ET03 K.UL/"80K: K.I71Y NI\$:B.A73R \$"74BE+
MAK."/92K?: K.I75Y-MI/\$.O70RES NFXF\$03 Y"74C") CE80PA(W:/PIR:Y/O73W &FRF71P
M:(OWP"75P00? ³⁰ W:/RF(W.03 B.:KOWR"74Y DAL.I80YM W:/)EB:YOWNI73YM
LF/BE74+AX YIR:B.F92CW.? W:/H"MAT.I70Y BF75/RF(FB03 \$FR:\$"80K:
W./\$:) "RIYT/"73K: YAH:ARO75G00? ³¹ H"YLI70YLI75Y \$A33(AR03 ZA75(:AQIY-(I80YR
NFMO73WG P:LE74\$ET K.UL/"92K?: K.I70Y MI/C.FPOWN03 (F\$F74N B.F80) W:/)"71YN
B.OWD"73D B.:/MOW(FDF75Y/W00? ³² W./MA75H-Y.A(:ANE73H MAL.):AK"Y-GO92WY?
K.I70Y Y:HWFH03 YIS.A74D CIY.O80WN W./B/F71H. YEX:ES73W. (:ANIY."71Y
(AM./O75W00 **15** ₁ MA&.F73) MOW)F92B? 14K.IY B.:/L"62YL \$UD.A63D (F70R
MOW)FB03 NID:MF80H? K.I81Y B.:/L"91YL \$UD.A71D QIYR-MOW)F73B NID:MF75H00?
² (FLF63H HA/B.A94YIT W:/DIYBO91N HA/B.FMO73WT L:/BE92KIY) (AL-N:BO62W
W:/(A70L M"75YD:BF)03 MOW)F74B Y:Y"LI80YL? B.:/KFL-RO)\$F74Y/W QFR:XF80H
K.FL-ZFQF73N G.:RW.(F75H00? ³ B.:/XW.COTF73Y/W XF74G:RW. &F92Q (A74L
G.AG.OWTE94Y/HF? W:/BI/R:XOBOTE91Y/HF K.UL.O71H Y:Y"LI73YL YOR"71D
B.A/B.E75KIY00? ⁴ WA/T.IZ:(A70Q XE\$:B.OWN03 W:/)EL:(FL"80H (AD-YA73HAC
NI\$:MA74(QOWL/F92M? (AL-K."81N X:ALUC"70Y MOW)FB03 YFRI80Y(W.
NAP:\$/O73W YF71R:(FH L./O75W00? ⁵ LIB./IY03 L:/MOW)F74B YIZ:(F80Q B.:RIYX/E85HF
(AD-CO73(AR (EG:LA74T \$:LI\$Y.F92H? K.I74Y05 MA(:AL"74H HA/L.W.XI81YT
B.I/B:KIY03 YA75(:ALEH-B./O80W? 10K.IY D.E74REK: XOWRONA80YIM
ZA(:AQAT-\$E73BER Y:(O("75RW.00? ⁶ K.I75Y-M"71Y NIM:RI73YM M:\$AM.O74WT
YI75H:Y92W.? K.I75Y-YFB"70\$ XFCIYR03 K.F74LFH DE80\$E) YE73REQ LO71)
HFYF75H00? ⁷ (AL-K."73N YIT:RF74H (F&F92H W./P:QUD.FT/F80M? (A91L NA71XAL
HF/(:ARFBI73YM YI&.F)75W./M00? ⁸ K.I75Y-HIQ.I71YPFH HA/Z.:(FQF73H)ET-G.:B74W.L
MOW)F92B? (AD-)EG:LA33YIM03 YIL:LFT/F80H. W./B:) "71R) "YLI73YM
YIL:LFT/F75H.00? ⁹ K.I74Y M"70Y DIYMOWN03 MF74L:)W. DF80M K.I75Y-)F\$I71YT
(AL-D.IYMO73WN NOWSFPO92WT? LI/P:L"Y+A70T MOW)FB03)AR:Y"80H
W:/LI\$:) "RI73YT):ADFMF75H00? **16** ₁ \$IL:XW.-KA71R MO\$"75L-)E73REC? MI/S.E74LA(
MID:B.F92R/FH)EL-HA73R B.AT-CIY.O75WN00? ² W:/HFYF71H K:/)OWP-NOWD"73D
Q"74N M:\$UL.F92X? T.I75H:YE33YNFH03 B.:NO74WT MOW)F80B MA(:B.FRO73T
L:/)AR:NO75WN00? ³ **HFBI70Y)IY ("CFH03 (:A&74W. P:LIYLF80H? \$I94YTIY
KA/L.A91YIL CIL/"73K: B.:/TO74WK: CFH:FRF92YIM? SAT.:RIY03 NID.FXI80YM
NOD"73D)AL-T.:GAL.I75Y00? ⁴ YFG70W.RW. B/FK:03 NID.FX/A80Y MOW)F91B?
H:EWIY-S"71TER L/F73MOW MI/P.:N"74Y \$OWD"92D? K.I75Y-)FP"70S HA/M."C03
K.F74LFH \$O80D? T.A71M.W. ROM"73S MIN-HF/)F75REC00? ⁵ W:/HW.KA70N
B.A/XE33SED03 K.IS."80) W:/YF\$A71B (FLF91Y/W B.E/):EME73T B.:/O74HEL
D.FWI92D? \$OP"91+ W:/DOR"71\$ MI\$:P.F73+ W./M:HI71R CE75DEQ00? ⁶ \$FMA71(:NW.
G:)OWN-MOW)F73B G."74) M:)O92D? G.A):AWFT/O94W W./G:)OWN/O91W
W:/)EB:RFT/O73W LO)-K"71N B.AD.F75Y/W00 ⁷ LF/K"81N Y:Y"LI71YL MOW)F91B
L:/MOW)F73B K.UL.O74H Y:Y"LI92YL? LA/):A\$Y\$"94Y QIYR-X:ARE91&ET
T.EH:G.73W.)AK:-N:KF)I75YM00? ⁸ K.I74Y \$AD:MOWT04 XE\$:B.O63WN)UM:LF61L
G.E74PEN &IB:MF81H? B.A:(AL"70Y GOWYIM03 HFL:M74W. &:RW.Q.E80Y/HF?
(AD-YA(:Z"71R NFGF73(W. T.F74(W. MID:B.F92R? \$:LU74XOWTE80Y/HF NI+.:\$73W.
(F71B:RW. YF75M00? ⁹ (AL-K."83N)EB:K.E62H B.I/B:KI70Y YA(:Z"R03 G.E74PEN
&IB:MF80H?):ARAY.F33W/EK:03 D.IM:(FT/I80Y XE\$:B.O73WN W:/)EL:(FL"92H? K.I94Y
(AL-Q"YC/"91K: W:/)AL-Q:CIYR/"73K: H"YDF71D NFPF75L00? ¹⁰ W:/NE):ESA63P
&IM:XF70H WF/GIYL03 MIN-HA/K.AR:ME80L W./BA/K.:RFMI71YM LO75)-Y:RUN.F73N

LO74)? Y:RO(F92(? YA81YIN B.A/Y:QFBI91YM LO75)-YID:RO71K: HA/D.OR"73K:
H"YDF71D HI\$:B.A75T.IY00 11 (AL-K."N03 M"/(A74Y L:/MOW)F80B K.A/K.IN.O73WR
YE75H:EM92W. W:/QIR:B./I73Y L:/QI71YR XF75RE&00? 12 W:/HFYF94H KI75Y-NIR:)F91H
K.I75Y-NIL:)F71H MOW)F73B (AL-HA/B.FMF92H? W./BF94))EL-MIQ:D.F\$/O91W
L:/HIT:P.AL."73L W:/LO71) YW.KF75L00? 13 ZE74H HA/D.FBF81R):A\$E63R D.IB.E94R
Y:HWF91H)EL-MOW)F73B M"/)F75Z00? 14 W:/AT.F81H D.IB.E74R Y:HWFH02?
L"/)MOR01 B.:\$FLO70\$ \$FNIM03 K.I/\$:N"74Y &FKI80YR W:/NIQ:LFH03 K.:BO74WD
MOW)F80B B.:KO73L HE/HFMO74WN HF/RF92B? W./\$:)F71R M:(A91+ MIZ:(F73R
LO71W) KAB.I75YR00 17 1 MA&.F73) D.AM.F92&EQ? HIN."70H DAM.E33&EQ03
MW.SF74R M"/(I80YR W:/HFY:TF73H M:(I71Y MAP.FLF75H00? 2 (:AZUBO73WT (FR"74Y
(:ARO("92R? LA:(ADFRI74YM T.I75H:YE80YNFH W:/RFB:C73W. W:/)71YN
MAX:ARI75YD00? 3 W:/NIS:B.A70T MIB:CFR03 M"/75)EP:RA80YIM W./MAM:LFKF71H
MI/D.AM.E73&EQ? W./\$:)F74R):ARF92M K.I/K:BO70WD B.:N"75Y-YI&:RF)"L03
YI75H:Y80W.? N:U73M Y:HWF71H C:BF)O75WT00 4 W:/HFYFH03 B.A/Y.O74WM
HA/H80W.)? YID.A73L K.:BO74WD YA(:AQO92B W./MIS:MA71N B.:&FR/O73W
Y"RFZE75H00? 5 W:/HFYF81H K.E75):ESOP03 QFCI74YR QFMF80H W./Z:RO/(O73W
SIB.:FLI74YM YIQ:CO92WR? W:/HFYF91H K.I/M:LAQ."71+ \$IB.:FLI73YM B.:/"71MEQ
R:PF)I75YM00? 6 W:/NIS:)AR-B./O70W (O75WL"LOT03 K.:NO74QEP ZA80YIT?
\$:NA94YIM \$:LO\$F91H G.AR:G.:RI73YM B.:RO74)\$)FMI92YR)AR:B.F(F74H
X:AMIS.F81H B.I/S:(IPE33Y/HF03? P.O75RIY.F80H? N:)UM-Y:HWF73H):ELOH"71Y
YI&:RF)"75L00 7 B.A/Y.O74WM HA/H80W.) YI\$(E71H HF/)FDF73M (AL-(O&/"92HW.
W:/("YNF85Y/W)EL-Q:DO71W\$ YI&:RF)"73L? T.IR:)E75YNFH00 8 W:/LO74) YI\$(E80H
)EL-HA75M.IZ:B.:XO73WT MA:(A&"74H YFDF92Y/W WA/):A\$E63R (F&70W.?)
)EC:B.:(OTFY/W03 LO74) YIR:)E80H W:/HF/):A\$"RI73YM W:/HF/XAM.FNI75YM00?
9 B.A/Y.O63WM HA/H61W.) YIH:Y74W.05 (FR"74Y MF(UZ./O81W K.A/(:AZW.BA70T
HA/XO33RE\$03 W:/HF74)FMI80YR?):A\$E74R (FZ:B80W. MIP:N"73Y B.:N"74Y
YI&:RF)"92L W:/HFY:TF73H \$:MFMF75H00? 10 K.I70Y \$FKA33XAT.:03):ELOH"74Y
YI\$:(/"80K: W:/C71W.R MF(UZ./"73K: LO74) ZFKF92R:T.:? (AL-K."81N T.I+:(IY03
NI+:(/"74Y NA:(AMFNI80YM W./Z:MO71RAT ZF73R T.IZ:RF/(E75N.W.00? 11 B.:YO70WM
NI+:(/"K:03 T.:&AG:&"80GIY W./BA/B.O73QER ZAR:(/"74K: T.AP:RI92YXIY? N"71D
QFCI91YR B.:YO71WM NAX:ALF73H W./K:)71B)FN75W.\$00 12 HO81WY H:AMOWN03
(AM.I74YM RAB.I80YM K.A/H:AMO71WT YAM.I73YM YEH:EMFY92W.N? W./\$:)O74WN
L:)UM.I80YM K.I/\$:)O91WN MA71YIM K.AB.IYRI73YM YI\$.F)75W.N00? 13 L:/UM.I81YM
K.I/\$:)O62WN MA70YIM RAB.IYM03 YI\$.F)80W.N? W:/GF71(AR B./O73W W:/NF74S
MI/M.ER:XF92Q? W:/RUD.A81P K.:MO70C HFRIYM03 LI/P:N"Y-R80W.XA
W./K:/GAL:G.A73L LI/P:N"71Y SW.PF75H00? 14 L:/("71T (E33REB03 W:/HIN."74H
BAL.FHF80H B.:+E71REM B.O73QER)"YN/E92N.W.? 10ZEH X"74LEQ \$OWS"80Y/NW.
W:/GOWRF73L L:/BOZ:Z"75Y/NW.00 18 1 HO71WY)E73REC CIL:CA74L K.:NFPF92YIM
):A\$E71R M"/("73BER L:/NA75H:AR"Y-K75W.\$00? 2 HA/\$.OL"63XA B.A/Y.F61M
CIYRI81YM W./BI/K:L"Y-GOME)02 (AL-P:N"Y-MAYIM01? L:K74W.05 MAL:)FKI74YM
QAL.I81YM)EL-G.OWY03 M:MU\$.F74K: W./MOWRF80+?)EL-(A71M NOWRF73)
MIN-H74W.) WF/HF92L:)FH 10G.OWY QAW-QF74W W./M:BW.SF80H?
):A\$ER-B.FZ:)71W. N:HFRI73YM)AR:C/O75W00 3 K.FL-YO\$:B"71Y T"B"73L
W:/\$O74K:N"Y)F92REC? K.I/N:&O)-N"70S HFRIYM03 T.IR:)80W. W:/KI/T:QO71(A
\$OWPF73R T.IS:MF75(W.00 4 K.IY04 KO63H)3)FMA70R Y:HWFH03)"L/A80Y
**)E\$:Q:F+F73H W:/)AB.I74Y+FH BI/M:KOWN/I92Y? K.:XO71M CAX03 (:AL"Y-)O80WR
K.:/(F71B +A73L B.:XO71M QFCI75YR00? 5 K.I75Y-LI/P:N"70Y QFCIYR03
K.:/TFM-P.E80RAX W./BO71SER G.OM"73L YI75H:YE74H NIC.F92H? W:/KFRA70T
HA/Z.AL:ZAL.IYM03 B.A/M.AZ:M"RO80WT W:/)ET-HA/N.:+IY\$O73WT H"SI71YR
H"TA75Z00? 6 Y"(FZ:B70W. YAX:D.FW03 L:/("74Y+ HFRI80YM W.95L:/BEH:EMA73T
HF)F92REC? W:/QF70C (FLFY/W03 HF/(A80YI+ W:/KFL-B.EH:EMA71T HF)F73REC
(FLF71Y/W T.EX:ERF75P00? 7 B.F/("T04 HA/HI63Y) Y75W.BAL-\$A61Y LA/YHWF74H
C:BF)O81WT 10(AM M:MU\$.F74K: W./MOWRF80+ W./M"/(A71M NOWRF73)?
MIN-H74W.) WF/HF92L:)FH G.O74WY05 QAW-QF74W W./M:BW.SF81H):A\$E63R
B.FZ:)70W. N:HFRIYM03)AR:C/O80W)EL-?M:QO91WM \$"M-Y:HWF71H C:BF)O73WT
HAR-CIY.O75WN00 19 1 MA&.F73) MIC:RF92YIM? HIN."63H Y:HWF61H ROK"63B
(AL-(F71B QAL03 W./BF74) MIC:RA80YIM? W:/NF(62W.):ELIYL"70Y MIC:RA33YIM03

MI/P.FNF80Y/W W./L:BA71B MIC:RA73YIM YIM.A71S B.:/QIR:B./O75W00?
 2 W:/SIK:SAK:T.I70Y MIC:RA33YIM03 B.:/MIC:RA80YIM W:/NIL:X:AM71W.
)IY\$-B.:/FXI73Y/W W:/)I74Y\$ B.:/R"/("92HW.? (I74YR B.:/(I80YR MAM:LFKF73H
 B.:/MAM:LFKF75H00? 3 W:/NFB:QF70H R95W.XA-MIC:RA33YIM03 B.:/QIR:B./O80W
 WA/(ACFT/O73W)ABAL."92(A? W:/DFR:\$70W.)EL-HF75/):ELIYLIYM03
 W:/)EL-HF74/)I+.I80YM W:/)EL-HF/)OBO73WT W:/)EL-?HA/Y.ID.:(ONI75YM00?
 4 W:/SIK.AR:T.IY03)ET-MIC:RA80YIM B.:/YA73D):ADONI74YM QF\$E92H W./ME70LEK:
 (AZ03 YIM:\$FL-B./F80M? N:)U71M HF/)FDO73WN Y:HWF71H C:BF)O75WT00?
 5 W:/NIS.:TW.-MA73YIM M"75/HA/Y.F92M W:/NFHF73R YEX:ERA71B W:/YFB"75\$00?
 6 W:/HE)EZ:NI74YXW. N:HFRO80WT D.FL:AL71W. W:/XFR:B73W. Y:)OR"74Y
 MF0C92WR? QFNE71H WF/S73W.P QFM"75LW.00 7 (FRO71WT (AL-Y:)O73WR
 (AL-P.I74Y Y:)O92WR? W:/KOL03 MIZ:RA74(Y:)O80WR YIYBA71\$ NID.A73P
 W:/)YN/E75N.W.00? 8 W:/FNW.03 HA/D.AY.FGI80YM W:/)F74B:L80W.
 K.FL-MA\$:LIYK"71Y BA/Y:)O73WR XAK.F92H? W:/POR:&"71Y MIK:MO91RET
 (AL-P.:N"Y-MA73YIM)UM:LF75LW.00? 9 W:/BO91\$W. (OB:D"71Y PIS:T.I73YM
 &:RIYQO92WT W:/)OR:GI73YM XOWRF75Y00? 10 W:/HFY71W. \$FTOTE73Y/HF
 M:DUK.F)I92YM K.FL-(O71&"Y &E73KER)AG:M"Y-NF75PE\$00? 11)AK:-):EWILIYM03
 &F74R"Y CO80(AN XAK:M"Y03 YO(AC"74Y PAR:(O80H ("CF73H NIB:(FRF92H? 10)"YK:
 T.O)M:R74W.)EL-P.AR:(O80H B.EN-X:AKFMI71YM):ANI73Y
 B.EN-MAL:K"Y-QE75DEM00? 12)AY./FM03)"PO74W) X:AKFME80Y/KF?
 W:/YAG.I71YDW. NF73) L/F92K: W:/Y"74D:(80W. MAH-Y.F(A91C Y:HWF71H
 C:BF)O73WT (AL-MIC:RF75YIM00? 13 NO75W):ALW.03 &F74R"Y CO80(AN NIS.:)73W.
 &F74R"Y NO92P HIT:(71W.)ET-MIC:RA73YIM P.IN.A71T? \$:BF+E75Y/HF00?
 14 Y:HWF91H MFSA71K: B.:/QIR:B./F73H. R74W.XA (IW:(I92YM? W:/HIT:(70W.
)ET-MIC:RA33YIM03 B.:/KF75L-MA:(A&"80HW. K.:/HIT.F(O71WT \$IK.O73WR
 B.:/QIY)/O75W00? 15 W:/LO75)-YIH:YE71H L:/MIC:RA73YIM MA75:(A&E92H):A\$E94R
 YA:(A&E91H RO71)\$ W:/ZFN73B K.IP.F71H? W:/)AG:MO75WN00 16 B.A/Y.O74WM
 HA/H80W.) YI75H:YE71H MIC:RA73YIM K.A/N.FS)92YM W:/XFRA74D05 W./PFXA81D
 MI/P.:N"Y03 T.:NW.PAT03 YAD-Y:HWF74H? C:BF)O80WT):A\$ER-H73W.) M"NI71YP
 (FLF75Y/W00 17 14W:/HFY:TFH)AD:MA63T Y:HW.DF70H L:/MIC:RA33YIM03?
 L:/XFG.F80) K.OL04):A\$E63R YAZ:K.I71YR)OT/F91H.)"LF73Y/W YIP:XF92D
 MI/P.:N"81Y (:ACAT03 Y:HWF74H C:BF)O80WT?):A\$ER-H73W.) YOW("71C
 (FLF75Y/W00 18 B.A/Y.O74WM HA/H83W.) YIH:YW.04 XFM"63\$ (FRI61YM B.:)E74REC?
 MIC:RA81YIM M:DAB.:ROWT03 &:PA74T K.:NA80(AN W:/NIS:B.F(O73WT LA/YHWF74H
 C:BF)O92WT (I74YR HA/HE80RES? Y)"FM"73R L:/)EXF75T00 19 B.A/Y.O74WM
 HA/H81W.) YI75H:YE70H MIZ:B."33XA03 LA75/YHWF80H B.:/TO73WK:)E74REC?
 MIC:RF92YIM W./MAC."BF71H)"75CEL-G.:BW.L/F73H. LA75/YHWF75H00
 20 W:/HFYF63H L:/)O71WT W./L:/"91D LA75/YHWF71H? C:BF)O73WT B.:)E74REC
 MIC:RF92YIM K.I75Y-YIC:(AQ70W.)EL-Y:HWFH03 MI/P.:N"74Y LO75X:ACI80YM
 W:/YI\$:LA71X L/FHE91M? MOW\$)I71Y(A WF/RF73B W:/HIC.IYL/F75M00
 21 W:/NOWDA70(Y:HWFH03 L:/MIC:RA80YIM W:/YFD:(71W. MIC:RA91YIM
)ET-Y:HWF73H B.A/Y.O74WM HA/H92W.) W:/)F75B:DW.03 ZE74BAX W./MIN:XF80H
 W:/NFD:RW.-N"71DER LA75/YHWF73H W:/)SIL."75MW.00? 22 W:/NFGA94P Y:HWF91H
)ET-MIC:RA73YIM NFGO74P W:/RFPO92W) W:/)SF33BW.03 (AD-Y:HWF80H
 W:/NE(:T.A71R L/FHE73M? W./R:PF)/F75M00 23 B.A/Y.O74WM HA/H81W.) T.IH:YE63H
 M:SIL.F70H MI/MIC:RA33YIM03)A\$.80W.R/FH W./BF75)-)A\$.71W.R? B.:/MIC:RA73YIM
 W./MIC:RA74YIM B.:)A\$.92W.R W:/)FB:D71W. MIC:RA73YIM)ET)-)A\$.75W.R00
 24 B.A/Y.O74WM? HA/H81W.) YIH:YE70H YI&:RF)"L03 \$:LI74Y\$)Y.F80H
 L:/MIC:RA73YIM W./L:/)A\$.92W.R B.:RFKF73H B.:/QE71REB HF/)F75REC00? 25):A\$E94R
 B."R:AK/O91W Y:HWF71H C:BF)O73WT L"/)MO92R B.FR63W.K: (AM./I61Y
 MIC:RA81YIM W./MA:(A&"70H YFD/AY03?)A\$.80W.R W:/NAX:ALFT/I73Y
 YI&:RF)"75L00 20 1 B.I/\$:NA63T B.O70) TAR:T.FN03)A\$:D.O80WD/FH B.I/\$:LO74X
)OT/O80W SA75R:GO73WN ME74LEK:)A\$.92W.R WA/Y.IL.F71XEM? B.:)A\$:D.O73WD
 WA75/Y.IL.K.:D/F75H.00 2 B.F/("74T HA/HI81Y) D.IB.E74R Y:HWFH02 B.:/YA74D
 Y:\$A(:YF74HW. BEN-)FMOWC02? L"/)MOR01 L"81K: W./PIT.AX:T.F70 HA/&AQ03
 M"/(A74L MFT:NE80Y/KF W:/NA(AL:KF71 TAX:ALO73C M"/(A74L RAG:LE92Y/KF
 WA/Y.A74(A&? K."80N HFLO73K: (FRO71WM W:/YFX"75P00 3 WA/Y.O74)MER

Y:HWF80H K.A):A\$E71R HFLA91K: (AB:D/I71Y Y:\$A:(YF73HW.? (FRO74WM W:/YFX"92P \$FLO70\$ \$FNIM03)O74WT W./MOWP"80T (AL-MIC:RA73YIM W:/(AL-K.75W.\$00 4 K."74N YIN:HA74G? ME75LEK:-14)A\$.W.R)ET-\$:BI63Y MIC:RA61YIM W:/)ET-G.FL71W.T K.91W.\$ N:(FRI71YM W:/Z:Q"NI73YM (FRO74WM? W:/YFX"92P WA/X:A&W.PA71Y \$"73T (ER:WA71T MIC:RF75YIM00 5 W:/XAT.73W. WF/BO92\$W. MI/K.W.\$03 MAB.F+/F80M W./MIN-?MIC:RA73YIM T.IP:)AR:T./F75M00 6 14W:/)FMAR YO\$"63B HF/)I74Y HA/Z.EH02 B.A/Y.O74WM HA/HW.)01 HIN."H-KO74H? MAB.F+/"81NW.):A\$ER-NA70S:NW. \$FM03 L:(EZ:RF80H L:/HI63N.FC"80L MI/P.:N"73Y ME74LEK:)A\$.92W.R W:/)"73YK: NIM.FL"71+?):ANF75X:NW.00 21 1 MA&.F73) MID:B.AR-YF92M? K.:/SW.PO70WT B.A/N.E33GEB03 LA75/X:ALO80P? MI/M.ID:B.F74R B.F80) M"/)E73REC NOWRF)F75H00? 2 XFZ71W.T QF\$F73H HUG.AD-L/I92Y? HA/B.OWG"70D05 B.OWG"D03 W:/HA/\$.OWD"74D05 \$OWD"80D? (:ALI70Y ("YLFM03 CW.RI74Y MFDA80Y? K.FL-)AN:XFTF73H HI\$:B.A75T.IY00? 3 (AL-K."81N MFL:)70W. MFT:N/AY03 XAL:XFLF80H? CIYRI74YM):AXFZ80W./NIY K.:/CIYR"73Y YO75WL"DF92H? NA:(AW"74YTIY MI/\$.:MO80(A NIB:HA73L:T.IY M"/R:)O75WT00? 4 T.F(F74H L:BFB/I80Y P.AL.FC73W.T B.I75(:ATF92T:/NIY? 10)"T NE74SEP XI\$:Q/I80Y &F71M L/I73Y LA/X:ARFDF75H00? 5 (FRO94K: HA/\$.UL:XF91N CFPO71H HA/C.FPI73YT)FKO74WL \$FTO92H? Q71W.MW. HA/&.FRI73YM MI\$:X71W. MFG"75N00 6 K.I74Y KO71H)FMA91R)/L/A73Y):ADONF92Y? 10L"K: HA:(AM"74D HA75/M:CAP.E80H):A\$E71R YIR:)E73H YAG.I75YD00? 7 W:/RF74)FH RE81KEB 10CEMED P.F75RF\$180YM? RE71KEB X:AMO73WR RE74KEB G.FMF92L? W:/HIQ:\$I71YB QE73\$EB RAB-QF75\$EB00 8 WA/Y.IQ:RF73) AR:Y"92H? (AL-MIC:P.E74H05):ADONF81Y)FNOKI62Y (OM"70D T.FMIYD03 YOWMF80M? W:/(AL-MI63\$:MAR:T.I80Y)FNOKI71Y NIC.F73B K.FL-HA/L."YLO75WT00? 9 W:/HIN."H-ZE71H BF)03 RE74KEB)I80Y\$ CE73MED P.F75RF\$192YM? WA/Y.A74(AN WA/Y.O81)MER NFP:LF70H NF75P:LFH03 B.FBE80L? W:/KFL-P.:SIYL"71Y):ELOHE73Y/HF \$IB.A71R LF/)F75REC00? 10 M:DU\$FT/I73Y W./BEN-G.FR:N/I92Y?):A\$E74R \$FMA81(:T.IY M"/)"63T Y:HWF94H C:BF)O91WT?):ELOH"71Y YI&:RF)"73L HIG.A71D:T.IY L/FKE75M00 11 MA&.F73) D.W.MF92H)"L/AY03 QOR"74) MI/&."(I80YR? \$OM"R03 MAH-MI/L.A80Y:LFH \$OM"73R MAH-MI/L."75YL00? 12)FMA74R \$OM"80R)FTF71H BO73QER W:/GAM-LF92Y:LFH?)IM-T.IB:(FY71W.N B.:(F73YW. \$U71BW.)"TF75YW.00 13 MA&.F73) B.A/(:RF92B? B.A/Y.A70(AR B.A/(:RAB03 T.FLI80YNW.)O75R:XO73WT D.:DFNI75YM00? 14 LI/Q:RA71)T CFM"73) H"TF74YW. MF92YIM? YO\$:B"Y03)E74REC T."YMF80) B.:LAX:M/O73W QID.:M71W. NOD"75D00? 15 K.I75Y-MI/P.:N"71Y X:ARFBO73WT NFD92DW. MI/P.:N"74Y05 XE74REB N:+W.\$F81H? W./MI/P.:N"Y03 QE74\$ET D.:RW.KF80H W./MI/P.:N"73Y K.O71BED MIL:XFMF75H00 16 K.IY-KO91H)FMA71R):ADONF73Y)"L/F92Y B.:/(O70WD \$FNFH03 K.I/\$:N"74Y &FKI80YR W:/KFLF73H K.FL-K.:BO71WD? Q"DF75R00 17 W:/)F94R MIS:P.AR-QE91\$ET G.IB.OWR"71Y B:N"75Y-Q"DF73R YIM:(F92+W. K.I91Y Y:HWF71H):ELOH"75Y-?YI&:RF)"73L D.IB."75R00 22 1 MA&.F73) G."74Y) XIZ.FYO92WN? MAH-L./F74K:)"PO80W) K.I75Y-(FLI71YT K.UL./F73K: LA/G.AG.O75WT00? 2 T.:\$U)O74WT05 M:L)"F81H 10(IYR HO75WMIY.F80H QIR:YF73H (AL.IYZF92H? X:ALFLA33Y/IK:03 LO74) XAL:L"Y-XE80REB W:/LO73) M"71Y MIL:XFMF75H00? 3 K.FL-Q:CIYNA71Y/IK: NF75D:DW.-YA73XAD MI/Q.E74\$ET)US.F92RW.? K.FL-NIM:CF)A33Y/IK:03)US.:R74W. YAX:D.F80W M"/RFXO73WQ B.FRF75XW.00? 4 (AL-K."71N) FMA91R:T.IY \$:(71W. MI/N.I73Y):AMFR"74R B.A/B.E92KIY?)AL-T.F)I74YCW. L:/NA75X:AM/"80NIY (AL-\$O73D B.AT-(AM.I75Y00? 5 K.I74Y YOWM04 M:HW.MF63H W./M:BW.SF61H W./M:BW.KF81H LA75/)DONF94Y Y:HWI91H C:BF)O73WT? B.:G"74Y) XIZ.FYO92WN M:QAR:QA71R QI73R W:/SO71W(A)EL-HF/HF75R00? 6 W:/("YLFM03 NF&F74))A\$:P.F80H B.:/RE71KEB)FDF73M P.F75RF\$192YM? W:/QI71YR ("RF73H MFG"75N00 7 WA/Y:HI71Y MIB:XAR-(AMFQA73Y/IK: MF74L:)W. RF92KEB W:/HA/P.F74RF\$180YM \$O73T \$F71TW. HA/\$.F75(:R/FH00? 8 WA/Y:GA85L)"73T MFSA74K: Y:HW.DF92H? WA/T.AB."+03 B.A/Y.O74WM HA/H80W.))EL-NE73\$EQ B."71YT HA/Y.F75(AR00? 9 W:/)"63T B.:QIY("94Y (IYR-D.FWI91D R:)IYTE73M K.IY-RF92B.W.? WA75/T.:QAB.:C80W.)ET-M"71Y HA/B.:R"KF73H HA/T.AX:T.OWNF75H00? 10 W:/)ET-B.FT."71Y Y:RW.\$FLA73IM S:PAR:T.E92M WA/T.IT.:CW.03 HA/B.F74T.I80YM L:/BAC."73R HA/XOWMF75H00? 11 W./MIQ:WF74H05 (:A&IYTE81M 10B."YN

HA/XO74MOTA80YIM L:/M"73Y HA/B.:R"KF74H HA/Y:\$FNF92H? W:/LO70) HIB.A+:T.EM03)EL-(O&E80Y/HF W:/YOC:R/F71H. M"75/RFXO73WQ LO71) R:;)YTE75M00? ¹² WA/Y.IQ:RF81)):ADONF94Y Y:HWI91H C:BF)O73WT B.A/Y.O74WM HA/H92W.)? LI/B:KIY03 W./L:/MIS:P."80D W./L:/QFR:XF73H W:/LA/X:AGO71R &F75Q00? ¹³ W:/HIN."74H05 &F&O74WN W:/&IM:XF81H HFRO70G05 B.FQFR03 W:/\$FXO74+ CO80)N?)FKO71L B.F&F73R W:/SFTO74WT YF92YIN)FKO74WL W:/SFTO80W K.I71Y MFXF73R NFM75W.T00? ¹⁴ W:/NIG:LF71H B:/)FZ:N/F73Y Y:HWF74H C:BF)O92WT?)IM-14Y:KUP.AR HE/(FWON03 HA/Z.E70H L/FKEM03 (AD-T.:MUT80W.N)FMA91R):ADONF71Y Y:HWI73H? C:BF)O75WT00 ¹⁵ K.O71H)FMA91R):ADONF71Y Y:HWI73H C:BF)O92WT? LEK:-B.O)03)EL-HA/S.OK"74N HA/Z.E80H (AL-\$EB:NF73)):A\$E71R (AL-HA/B.F75YIT00? ¹⁶ MAH-L./:KF71 POH03 W./MI74Y L:/KF74 PO80H K.I75Y-XFCA94B:T.F L./:KF91 P.O73H QF92BER? XOC:BI70Y MFROWM03 QIB:R/O80W XOQ:QI71Y BA/S.E73LA(MI\$:K.F71N L/O75W00? ¹⁷ HIN."70H Y:HWFH03 M:+AL:+EL:/KF80 +AL:+)LF73H G.F92BER W:/O+:/KF73 (F+O75H00? ¹⁸ CFNO70WP YIC:NFP:KF03 C:N"PF80H K.A/D.85W.R)EL-)E73REC RAX:ABA74T YFDF92YIM? \$F74M.FH TFM81W.T W:/\$F33M.FH03 MAR:K.:BO74WT K.:BOWD/E80KF Q:LO73WN B."71YT)):ADONE75Y/KF00? ¹⁹ WA/H:ADAP:T.I73Y/KF MI/M.AC.FB/E92KF W./MI/M.A:(AMF75D:/KF73 YEHER:S/E75KF00? ²⁰ W:/HFYF73H B.A/Y.O74WM HA/H92W.) W:/QFRF74)TIY L:/AB:D./180Y L:/)EL:YFQI73YM B.EN-XIL:QIY.F75HW.00? ²¹ W:/HIL:B.A\$:T.I74Y/W K.UT.FN:T./E81KF W:/)AB:N"75+:/KF03):AXAZ.:Q/E80N.W. W./ME75M:\$EL:T:/KF73]1)ET."74N B.:YFD/O92W? W:/HFYF71H L:/)F91B L:/YOW\$"71B Y:RW.\$FLA73IM W./L:/B"71YT Y:HW.DF75H00? ²² W:/NFTAT.I91Y MAP:T."71XA B."YT-D.FWI73D (AL-\$IK:M/O92W? W./PFTAX03 W:/)74YN SOG"80R W:/SFGA73R W:/)71YN P.OT"75XA00 ²³ W./T:QA:(T.I71Y/W YFT"73D B.:MFQO74WM? NE):EMF92N? W:/HFYF91H L:/KIS."71) KFBO73WD L:/B"71YT)FBI75Y/W00? ²⁴ W:/TFL63W. (FLF61Y/W K.O74L05 K.:BO74WD B."YT-)FBI81Y/W HA/C.E75):ECF)IYM03 W:/HA/C.:PI(O80WT K.O73L K.:L"74Y? HA/Q.F+F92N MI/K.:L"Y03 HF75)AG.FNO80WT W:/A(73D K.FL-K.:L"71Y HA/N.:BFLI75YM00 ²⁵ B.A/Y.O74WM HA/H81W.) N:)UM03? Y:HWF74H C:BF)O80WT T.FMW.\$03 HA/Y.FT"80D HA/T.:QW.(F73H B.:MFQO74WM NE):EMF92N W:/NIG:D.:(F74H W:/NFP:LF81H? W:/NIK:RAT03 HA/M.A&.F74)):A\$ER-(FLE80Y/HF K.I71Y Y:HWF73H D.IB."75R00 **23** ¹ MA&.F73) CO92R? H"YLI74YLV.05):FNIY.O74WT T.AR:\$I81Y\$ K.I75Y-\$UD.A70D MI/B.A33YIT03? MI/B.O80W) M"/)E71REC K.IT.I73YM NIG:LFH-L/F75MOW00? ² D.O73M.W. YO74\$:B"Y)I92Y SOX"71R CIYDO91WN? (OB"71R YF73M MIL:)75W./K:00 ³ W./B:/MA70YIM RAB.IYM03? ZE74RA(\$IXO80R Q:CI71YR Y:)O73WR T.:B75W.)FT/F92H. WA/T.:HI73Y S:XA71R G.OUYI75M00? ⁴ B.O74W\$YI CIYDO80WN K.I75Y-)FMA74R YF80M MF(O71WZ HA/Y.F73M L"/)MO92R? LO75)-XA74L:T.IY W:/LO75)-YFLA81D:T.IY? W:/LO71) GID.A91L:T.IY B.AXW.RI73YM ROWMA71M:T.IY B:TW.LO75WT00? ⁵ K.A75):A\$ER-\$"73MA(L:/MIC:RF92YIM YFXI73YLV. K.:/\$"71MA(CO75R00? ⁶ (IB:R73W. T.AR:\$I92Y\$/FH H"YLI73YLV. YO71\$:B"Y)I75Y00? ⁷ H:A/ZO71)T L/FKE73M (AL.IYZF92H MI75/YM"Y-QE70DEM QAD:MFT/FH.03? YOBIL74W./HF RAG:LE80Y/HF M"75/RFXO73WQ LF/G75W.R00? ⁸ 10MIY YF(A74C ZO80)T (AL-CO73R HA/M.A75(:A+IYRF92H?):A\$E70R SOX:ARE33Y/H03 &FRI80YM K.IN:(FNE73Y/HF NIK:B.AD."Y-)F75REC00? ⁹ Y:HWF71H C:BF)O73WT Y:(FC/F92H. L:/XAL."L03 G.:)O74WN? K.FL-C:BI80Y L:/HFQ"73L K.FL-NIK:B.AD."Y-)F75REC00? ¹⁰ (IB:RI71Y)AR:C/"73K: K.A/Y:)O92R B.AT-T.AR:\$I85Y\$)"73YN M"71ZAX (O75WD00? ¹¹ YFD/OW03 NF+F74H (AL-HA/Y.F80M HIR:G.I73YZ MAM:LFKO92WT? Y:HWFH03 CIW.F74H)EL-K.:NA80(AN LA/\$:MI73D MF(UZ:NE75Y/HF00? ¹² WA/Y.O85)MER LO75)-TOWSI71YPIY (O73WD LA/(:LO92WZ HA75/M:(U\$.FQF62H B.:TW.LA74T B.AT-CIYDO81WN? **K.IT.IYM03 Q74W.MIY (:ABO80RIY G.AM-\$F73M LO)-YFN71W.XA75 L/F75K:00? ¹³ H"74N05)E74REC K.A&.D.I81YM ZE70H HF(FM03 LO74) HFYF80H)A\$.73W.R Y:SFD/F74H. L:/CIY.I92YM? H"QI74YMW. **BAXW.NF81Y/W (OR:RW.03)AR:M:NOWTE80Y/HF &FM/F73H. L:/MAP."LF75H00? ¹⁴ H"YLI73YLV.):FNIY.O74WT T.AR:\$I92Y\$ K.I71Y SUD.A73D MF(UZ./:KE75N00 ¹⁵ W:/HFYFH03 B.A/Y.O74WM HA/H80W.) W:/NI\$:K.A70XAT COR03 \$IB:(I74YM \$FNF80H K.I/YM"73Y ME74LEK:)EXF92D MI/Q."62C? \$IB:(I70YM \$FNFH03 YIH:YE74H L:/CO80R K.:/\$IYRA73T HA/Z.OWNF75H00? ¹⁶ Q:XI71Y KIN.O91WR SO71B.IY (I73YR ZOWNF74H NI\$:K.FXF92H? H"Y+I70YBIY NAG."N03 HAR:B.IY-\$I80YR

L:MA73(AN T.IZ.FK"75RIY00? ¹⁷ W:/HFYF62H MI/Q."74C05 \$IB:(I74YM \$FNF81H YIP:QO70D Y:HWFH03)ET-CO80R W:/\$F73H L:/)ET:NAN./F92H? W:/ZF75N:TF91H)ET-K.FL-MAM:L.KO71WT HF/)F73REC (AL-P.:N"71Y HF/):ADFMF75H00 ¹⁸ W:/HFYF63H SAX:R/F61H.? W:/)ET:NAN./F81H. 10QODE\$ LA75/YHWF80H LO71) Y"75)FC"73R W:/LO74) Y"75XFS"92N K.I74Y LA/Y.O\$:BI62YM LI/P:N"70Y Y:HWFH03? YI75H:YE74H SAX:R/F80H. LE/):EKO71L L:/&FB:(F73H W:/LI/M:KAS.E71H (FTI75YQ00 **24** ¹ HIN."94H Y:HWF91H B.OVQ"71Q HF/)F73REC W./BO75WL:Q/F92H. W:/)IW.F74H PFNE80Y/HF W:/H"PI73YC YO\$:BE75Y/HF00? ² W:/HFYF70H KF/(FM03 K.A/K.OH"80N K.A/(E33BED03 K.A/5)DONF80Y/W K.A/\$.IP:XF73H K.A/G.:BIR:T./F92H.? K.A/Q.OWNEH03 K.A/M.OWK"80R K.A/M.AL:WEH03 K.A.L.OWE80H K.A/N.O\$E85H K.A/):A\$E73R NO\$E71) B/O75W00? ³ HIB.O94WQ05 T.IB.O91WQ HF/)F73REC W:/HIB.O74Z05 T.IB.O92WZ? K.I74Y Y:HWF80H D.IB.E73R)ET-HA/D.FBF71R HA/Z.E75H00? ⁴)FB:LF70H NF75B:LFH03 HF/)F80REC)UM:L:LF71H NFB:LF73H T."B"92L?)UM:LF73LW. M:RO71WM (AM-HF/)F75REC00? ⁵ W:/HF/)F71REC XFN:PF73H T.A74XAT YO\$:BE92Y/HF K.I75Y-(FB:R70W. TOWROT03 XF74L:PW. XO80Q? H"P"73RW. B.:RI71YT (OWLF75M00? ⁶ (AL-K."81N)FLFH03)F74K:LFH)E80REC WA75/Y.E):\$M73W. YO74\$:B"Y B/F92H.? (AL-K."81N XFRW.03 YO74\$:B"Y)E80REC W:/NI\$):A71R):ENO73W\$ MIZ:(F75R00? ⁷)FBA71L T.IYRO73W\$)UM:L:LFH-GF92PEN NE)EN:X73W. K.FL-&IM:X"Y-L"75B00? ⁸ \$FBAT03 M:&O74W& T.UP.I80YM XF74L:PW. XO80Q? H"P"73RW. B.:RI71YT (OWLF75M00? ⁹ M:&O71W& K.IN.O75WR00? ⁹ B.A/\$.I73YR LO74) YI\$:T.W.-YF92YIN Y"MA71R "\$KF73R L:/)OTF75Y/W00? ¹⁰ NI\$:B.:RF73H QIR:YAT-T.O92HW. SUG.A71R K.FL-B.A73YIT MI/B.O75W)00? ¹¹ C:WFXF71H (AL-HA/Y.A73YIN B.A75/XW.CO92WT? (F75R:BFH03 K.FL-&IM:XF80H G.FLF73H M:&O71W& HF/)F75REC00? ¹² NI\$):A71R B.F/(I73YR \$AM.F92H W./):IY.F73H YUK.AT-\$F75(AR00? ¹³ K.I74Y KO71H YIH:YE91H B.:QE71REB HF/)F73REC B.:TO74WK: HF75/(AM.I92YM? K.:NO74QEP ZA80YIT K.:/(OWL"LO73T)IM-K.FLF71H BFCI75YR00? ¹⁴ H"91M.FH YI&:71W. QOWL/F73M YFRO92N.W. B.I/G:)O74WN Y:HWF80H? CFH:AL73W. MI/Y.F75M00 ¹⁵ (AL-K."71N B.F/)URI73YM K.AB.:D74W. Y:HWF92H? B.:/IY."74Y HA/Y.F80M "\$71M Y:HWF73H):ELOH"71Y YI&:RF)"75L00 ¹⁶ MI/K.:NA63P HF/)F61REC Z:MIRO70T \$FMA33:(NW.03 C:BI74Y LA/C.AD.I80YQ? WF)OMA91R RFZIIY-L/I71Y RF75ZIIY-L/I73Y)O74WY L/I92Y B.OG:DI74YM B.FGF80DW.? W./BE71GED B.OWG:DI73YM B.FGF75DW.00? ¹⁷ P.A71XAD WF/PA73XAT WF/PF92X (FLE73Y/KF YOW\$"71B HF/)F75REC00? ¹⁸ 14W:95/HFYFH HA/N.F62S MI/Q.O70WL HA/P.A33XAD03 YIP.O74L)EL-HA/P.A80XAT? W:/HF75/(OWLEH03 MI/T.O74WK: HA/P.A80XAT YIL.FK"73D B.A/P.F92X? K.I75Y-):ARUB.O70WT MI/M.FROWM03 NIP:T.F80XW. WA75/Y.IR:(A\$73W. MO71WS:D"Y)F75REC00? ¹⁹ RO71(FH HI75T:RO:(A(F73H HF/)F92REC P.O70WR HI75T:P.OWR:RFH03)E80REC? MO71W+ HI75T:MOW+:+F73H)F75REC00? ²⁰ NO74W(A T.FN70W.(A)E33REC03 K.A/\$.IK.O80WR W:/HI75T:NOWD:DF73H K.A/M.:LW.NF92H? W:/KFBFA70D (FLE33Y/HF03 P.I\$:(/F80H. W:/NFP:LF73H W:/LO)-TOSI71YP Q75W.M00 ²¹ W:/HFYFH03 B.A/Y.O74WM HA/H80W.) YIP:QO94D Y:HWF91H (AL-C:BF71) HA/M.FRO73WM? B.A/M.FRO92WM? W:/)AL-MAL:K"71Y HF/):ADFMF73H (AL-HF/):ADFMF75H00 ²² W:/)US.:P63W.):AS"PF70H?)AS.IYR03 (AL-B.O80WR W:/SUG.:R73W. (AL-MAS:G."92R? W./M"/RO71B YFMI73YM YIP.FQ"75DW.00? ²³ W:/XF75P:RFH03 HA/L.:BFNF80H W./BOW\$F73H HA75/XAM.F92H K.I75Y-MFLA62K: Y:HWF74H C:BF)O81WT? B.:/HA70R CIY.OWN03 W./BI/YR74W.\$FLA80IM W:/NE71GED Z:Q"NF73Y/W K.FBO75WD00 **25** ¹ Y:HWF70H):ELOH/YA03)AT.F80H):ARO75WMIM:KF03)OWDE74H \$IM:KF80? K.I71Y (F&I73YTF P.E92LE) ("CO71WT M"75/RFXO73WQ):EM71W.NFH)O75MEN00? ² K.I74Y &A70M:T.F M"/(IYR03 LA/G.F80L QIR:YF71H B:CW.RF73H L:/MAP."LF92H?)AR:MO70WN ZFRIYM03 M"/(I80YR L:/)OWLF73M LO71) YIB.FNE75H00? ³ (AL-K."73N Y:KAB.:D74W./KF (AM-(F92Z QIR:YA91T G.OWYI71M (FRIYCI73YM YIYRF)75W./KF00? ⁴ K.I75Y-HFYI63YTF MF(O71WZ LA/D.F91L MF(O71WZ LF)EB:YO73WN B.A/C.AR-L/O92W? MAX:SE70H MI/Z.E33REM03 C"74L M"/XO80REB? K.I91Y R71W.XA (FRIYCI73YM K.:ZE71REM QI75YR00 ⁵ K.:XO74REB B.:CFYO80WN? \$):O71WN ZFRI73YM T.AK:NI92Y(A? 10XOREB B.:C"74L (F80B Z:MI71YR (F75RIYCI73YM YA:(ANE75H00 ⁶ W:/)F&FH04 Y:HWF63H C:BF)O61WT L:/KFL-HF75/(AM.IYM03 B.F/HF74R HA/Z.E80H MI\$:T."71H \$:MFNI73YM? MI\$:T."74H \$:MFRI92YM \$:MFNIYM03 M:MU74XFYI80M \$:MFRI73YM

M:ZUQ.FQI75YM00? 7 W./BIL.A(03 B.F/HF74R HA/Z.E80H P.:N"75Y-HA/L.O71W+05 HA/L.O73W+ (AL-K.FL-HF75/(AM.I92YM? W:/HA/M.AS."KF71H HA/N.:SW.KF73H (AL-K.FL-HA/G.OWYI75M00 8 B.I.L.A70(HA/M.F33WET03 LF/NE80CAX? W./MFXF63H):ADONF94Y Y:HWI91H D.IM:(F73H M"/(A74L K.FL-P.FNI92YM? W:/XER:P.A74T (AM./O81W YFSIYR03 M"/(A74L K.FL-HF)/F80REC K.I71Y Y:HWF73H D.IB."75R00 9 W:/)FMAR03 B.A/Y.O74WM HA/H80W.) HIN."63H):ELOH"71Y/NW. ZE91H QIW.I71YNW. L/O73W W:/YO75W\$YIY(/"92NW.? ZE70H Y:HWFH03 QIW.I74YNW. L/O80W NFGI71YLFH W:/NI&:M:XF73H B.I/Y\$W.(FT/O75W00 10 K.I75Y-TFN71W.XA YAD-?Y:HWF73H B.F/HF74R HA/Z.E92H? W:/NF70DOW\$ MOW)FB03 T.AX:T.F80Y/W K./HID.71W.\$ MAT:B."73N **B.:/MO71W MAD:M"NF75H00? 11 W./P"RA70& YDFY/W03 B.:/QIR:B./O80W K.A.):ASE91R Y:PFR"71& HA/&.OXE73H LI/&:XO92WT? W:/HI\$:P.IYL03 G.A75):AWFT/O80W (I73M)FR:B.O71WT YFDF75Y/W00? 12 W./MIB:CA62R MI&:G.A74B XOWMOTE81Y/KF H"\$A71X HI\$:P.I91YL HIG.I71Y(A LF/)F73REC (AD-?(PPF75R00 **26** 1 B.A/Y.O74WM HA/H80W.) YW.\$A71R HA/\$.IYR-HA/Z.E73H B.:/)E74REC Y:HW.DF92H? (I74YR (FZ-L/F80NW. Y:\$W.(F71H YF\$173YT XOWMO71WT WF/X"75L00? 2 P.IT:X73W. \$:(FRI92YM W:/YFBO71) GOWY-CAD.I73YQ \$OM"71R):EMUNI75YM00? 3 Y"74CER SFM80W./K: T.IC.O73R \$FLO74W05 \$FLO92WM K.I71Y B:/KF73 B.F+75W.XA00? 4 B.I+:X71W. BA75/YHWF73H (:AD"Y-(A92D 10K.IY B.:/YF74H. Y:HWF80H C73W.R (OWLFMI75YM00? 5 K.I70Y H"\$AX03 YO\$:B"74Y MFRO80WM QIR:YF73H NI&:G.FBF92H? YA\$:P.IYL/E70N.FH YA\$:P.IYL/FH.03 (AD-)E80REC YAG.IY/(E73N.FH (AD-(FPF75R00? 6 T.IR:M:S/E73N.FH RF92GEL RAG:L"71Y (FNI73Y P.A:(AM"71Y DAL.I75YM00? 7)O71RAX LA/C.AD.I73YQ M"75/Y\$FRI92YM YF\$F85R MA:(G.A71L CAD.I73YQ T.:PAL."75S00? 8)A74P)O94RAX MI\$:P.F+E91Y/KF Y:HWF73H QIW.IYN92W./KF? L:/SIM:/KF71 W.95/L:/ZIK:/R:/KF73 T.A):AWAT-NF75PE\$00? 9 NAP:\$/I70Y)IW.IYTI33Y/KF03 B.A/L.A80Y:LFH)AP-RW.X/I71Y B:/QIR:B./I73Y):A\$A75X:AR/E92K.F? K.I62Y K.A.):A\$E70R MI\$:P.F+E33Y/KF03 LF)/F80REC CE71DEQ LFM:D73W. YO\$:B"71Y T"B"75L00? 10 YUXA70N RF\$F(03 B.AL-LFMA74D CE80DEQ B.:/)E71REC N:KOXO73WT Y:(AW."92L? W./BAL-YIR:)E73H G.")71W.T Y:HWF75H00 11 Y:HWF91H RF71MFH YFD:/KF73 B.AL-YEX:EZF92W.N? YEX:EZ70W. W:/Y"BO33\$W.03 QIN:):AT-(F80M)AP-)"73\$ CFRE71Y/KF TO)K:L/"75M00 12 Y:HWF85H T.IS:P.O71T \$FLO73WM L/F92NW. K.I91Y G.A71M K.F75L-MA:(A&"73Y/NW. P.F(A71L:T.F L./F75NW.00? 13 Y:HWF74H):ELOH"80Y/NW. B.:(FL71W./NW.):ADONI73YM Z75W.LFT/E92KF L:/BAD-B.:/KF73 NAZ:K.I71YR \$:M/E75KF00? 14 M"TIYM03 B.AL-YIX:Y80W. R:PF)I73YM B.AL-YFQU92MW.? LF/K"70N P.FQA33D:T.F03 WA/T.A\$:MIYD/"80M WA/T.):AB."71D K.FL-Z"73KER L/F75MOW00 15 YFSA70P:T.F LA/G.OWY03 Y:HWF80H YFSA71P:T.F LA/G.O73WY NIK:B.F92D:T.F? RIXA73Q:T.F K.FL-QAC:W"Y-)F75REC00? 16 Y:HWF73H B.A/C.A74R P.:QFD92W./KF CFQ74W.N LA80XAS MW.SFR:/KF73 L/F75MOW00? 17 K.:MO70W HFRFH03 T.AQ:RI74YB LF/LE80DET T.FXI71YL T.IZ:(A73Q B.A/X:ABFLE92Y/HF? K."91N HFYI71YNW. MI/P.FNE73Y/KF Y:HWF75H00? 18 HFR74YNW. XA80L:NW. K.:MO73W YFLA74D:NW. R92W.XA Y:\$W.(OT03 B.AL-NA74:(A&EH)E80REC? W./BA75L-YIP.:L73W. YO\$:B"71Y T"B"75L00? 19 YI75X:Y74W. M"TE80Y/KF N:B"LFT/I73Y Y:QW.M92W.N HFQI63YCW. W:/RAN.:N61W. \$OK:N"74Y (FPF81R? K.I74Y +A70L)OWROT03 +AL/E80KF WF)/F73REC R:PF)I71YM T.AP.I75YL00 20 L"70K: L"70K: (AM./IY03 (AM./IY03 B.O74) B.O74) BA/X:ADFRE80Y/KF BA/X:ADFRE80Y/KF W.95/S:GO71R W.95/S:GO71R **D.:LFT:/KF73 **D.:LFT:/KF73 B.A:(AD/E92KF? B.A:(AD/E92KF? X:ABI71Y X:ABI71Y KI/M:(A+-KI/M:(A+-RE73GA(RE73GA(**YA:(ABFR-(AD-ZF75(AM00? **YA:(ABFR-ZF75(AM00? 21 K.I75Y-HIN."70H Y:HWFH03 YOC"74) MI/M.:QOWM/O80W LI/P:QO91D (:AWO71N YO75\$"B-HF)/F73REC (FLF92Y/W? W:/GIL.:TF70H HF)/F33REC03)ET-D.FME80Y/HF W:/LO75)-T.KAS.E71H (O73WD (AL-H:ARW.GE75Y/HF00 **27** 1 B.A/Y.O74WM HA/H83W.) YIP:QO74D Y:HWFH04 B.:/XAR:B/O63W]1 HA/Q.F\$F61H W:/HA/G.:DOWLF74H W:/HA95/X:AZFQF81H? (A70L LIW:YFTFN03 NFXF74\$ B.FRI80XA W:/AL03 LIW:YFTF80N NFXF73\$ (:AQAL.FTO92WN? W:/HFRA71G)ET-HA/T.AN.I73YN):A\$E71R B.A/Y.F75M00 2 B.A/Y.O73WM HA/H92W.) K.E71REM XE73MED (AN.W.-L/F75H.00? 3):ANI70Y Y:HWFH03 NO75C:R/F80H. LI/R:GF(I73YM)A\$:Q/E92N.FH? 10P.EN YIP:QO74D (FLE80Y/HF LA71Y:LFH WF/YO73WM)EC.:FR/E75N.FH00? 4 X"MF73H)"74YN L/I92Y MI75Y-YIT.:N"61NIY \$FMI71YR

\$A33YIT03? B.A/M.I.L:XFMF80H)EP:&:(F71H B/F73H.):ACIYT/E71N.FH Y.F75XAD00?
 5 10)OW YAX:AZ"74Q B.:MF(W.Z./I80Y YA:(A&E71H \$FLO73WM L/I92Y \$FLO73WM
 YA95(:A&EH-L./I75Y00? 6 HA/B.F)IYM03 YA\$:R"74\$ YA75(:AQO80B YFCI71YC
 W./PFRA73X YI&:RF)"92L? W./MFL:)71W. P:N"Y-T"B"73L T.:NW.BF75H00
 7 HA/K.:MAK.A71T MAK./"73HW. HIK./F92HW.)IM-K.:/HE71REG H:ARUGF73Y/W
 HORF75G00? 8 B.:/SA)S.:)F73H B.:/\$AL:X/F74H. T.:RIYB/E92N.FH HFGF91H
 B.:/RW.X/O71W HA/Q.F\$F73H B.:/YO71WM QFDI75YM00? 9 LF/K"81N B.:/ZO)T03
 Y:KUP.A74R (:AWO75N-YA(:AQO80B W:/ZE85H K.FL-P.:RI73Y HFSI74R XA+.F)T/O92W?
 B.:&W.M/O74W05 K.FL-)AB:N"74Y MIZ:B."81XA K.):)AB:N"Y-GIR03 M:NUP.FCO80WT?
 LO75-YFQU71MW.):A\$"RI73YM W:/XAM.FNI75YM00? 10 K.I74Y (I70YR B.:CW.RFH03
 B.FDF80D NFW85H M:\$UL.F71X W:/NE:(EZF73B K.A/M.ID:B.F92R? \$F74M YIR:(E71H
 ("91GEL W:/F71M YIR:B.F73C W:/KIL.F71H S:(IPE75Y/HF00? 11 B.I/YBO70\$
 Q:CIYR/FH.03 T.I\$.FBA80R:NFH NF\$185YM B.F)O73WT M:)IYRO74WT)OWT/F92H.?
 K.I74Y LO70) (AM-B.IYNOWT03 H80W.)? (AL-K."N03 LO75)-Y:RAX:AM/E74N.W.
 (O&/"80HW. W:/YOC:R/O73W LO71) Y:XUN./E75N.W.00 12 W:/HFYFH03 B.A/Y.O74WM
 HA/H80W.)? YAX:B.O94+ Y:HWF91H MI/\$.IB.O71LET HA/N.FHF73R (AD-NA74XAL
 MIC:RF92YIM? W:/)AT.E94M T.:LUQ.:+91W. L:/)AXA71D)EXF73D B.:N"71Y
 YI&:RF)"75L00 13 W:/HFYF74H05 B.A/Y.O74WM HA/H81W.) YIT.FQA(02 B.:\$OWPF74R
 G.FDOWL01? W./BF81)W. HF/)O75B:DIYM03 B.:/E74REC)A\$.80W.R
 W:/HA/N.ID.FXI73YM B.:/E74REC MIC:RF92YIM? W:/HI\$:T.AX:AW94W. LA/YHWF91H
 B.:/HA71R HA/Q.O73DE\$ B.I/YRW.\$FLF75IM00? 28 1 HO81WY (:A+E70RET G.")W.T03
 \$IK.OR"74Y)EP:RA80YIM W:/CI71YC NOB"73L C:BI74Y TIP:)AR:T./O92W?):A\$E91R
 (AL-RO71)\$ G."75Y-\$:MFNI73YM H:AL71W.M"Y YF75YIN00? 2 HIN."63H XFZF70Q
 W:/)AM.IC03 LA75/)DONF80Y K.:/ZE71REM B.FRF73D &A74(AR QF92+EB? 14K.:/ZEREM
 MA74YIM K.AB.IYRI71YM \$O+:PI91YM HIN.I71YXA LF)F73REC B.:/YF75D00?
 3 B.:/RAG:LA73YIM T."75RFMA92S:NFH (:A+E71RET G.")73W.T \$IK.OWR"71Y
)EP:RF75YIM00? 4 W:75/HF63Y:TF61H CIYCA70T NOB"L03 C:BI74Y TIP:)AR:T./O80W
):A\$E71R (AL-RO73)\$ G."74Y) \$:MFNI92YM? K.:/BIK.W.RFH.03 B.:/+E74REM QA80YIC
):A\$E63R YIR:)E70H HF75/RO)EH03)OWT/F80H.? B.:/(OWD/F71H. B.:/KAP./O73W
 YIB:LF/(E75N.FH00 5 B.A/Y.O74WM HA/H81W.) YI75H:YEH03 Y:HWF74H C:BF)O80WT
 LA/(:A+E74RET C:BI80Y W:/LI/C:PIYRA73T? T.IP:)FRF92H LI/):F73R (AM./O75W00?
 6 W./L:/R73W.XA MI\$:P.F92+ LA/Y.OW"\$B03 (AL-HA/M.I\$:P.F80+ W:/LI63/G:BW.RF80H
 M:\$IYB"71Y MIL:XFMF73H? \$F75(:R/FH00 7 W:/GAM-)33L.EH03 B.A/Y.A74YIN \$FG80W.
 W./BA/\$."KF73R T.F(92W.? K.OH"74N W:/NFBYI)04 \$FG63W. BA/\$."KF61R NIB:L:(74W.
 MIN-HA/Y.A81YIN? T.F(W.03 MIN-HA/\$."KF80R \$FGW.03 B.F75/RO)E80H P.FQ73W.
 P.:LIYLIY.F75H00? 8 10K.IY K.FL-\$UL:XFNO80WT MFL:)73W. QI74Y) CO)F92H B.:LI73Y
 MFQO75WM00 9)ET-MIY03 YOWRE74H D"(F80H W:/)ET-MI73Y YFBI74YN \$:MW.(F92H?
 G.:MW.L"Y03 M"75/XFLF80B (AT.IYQ"73Y MI/\$.FDF75YIM00? 10 K.I74Y CA70W
 LF/CFW03 CA74W LF/CF80W QA71W LF/QF73W QA74W LF/QF92W? Z:("71YR \$F73M
 Z:("71YR \$F75M00? 11 10K.IY B.:/LA:(AG"74Y &FPF80H W./B:/LF\$O73WN)AXE92RET
 Y:DAB."73R)EL-HF/(F71M HA/Z.E75H00? 12):A\$E74R05)FMA74R):AL"Y/HE81M ZO70)T
 HA/M.:NW.XFH03 HFNI74YXW. LE75/(FY"80P? W:/ZO73)T HA/M.AR:G."(F92H W:/LO71)
)FB73W.) \$:MO75W(A00? 13 W:/HFYF63H L/FHE61M D.:BAR-Y:HWF81H? CA74W
 LF/CF62W CA70W LF/CFW03 QA70W LF/QFW03 QA74W LF/QF80W? Z:("71YR \$F73M
 Z:("74YR \$F92M? L:MA63(AN Y"L:K61W. W:/KFS:L70W.)FXOWR03 W:/NIS:B.F80RW.
 W:/NOWQ:73W. W:/NIL:K.F75DW.00 14 LF/K"91N \$IM:(71W. D:BAR-Y:HWF73H
)AN:\$"74Y LFCO92WN? MO75\$:L"Y03 HF/(F74M HA/Z.E80H):A\$E73R
 B.I/YRW.\$FLF75IM00? 15 K.I74Y K.I74Y):AMAR:T.E81M):AMAR:T.E81M
 K.FRA70T:N75W. K.FRA70T:N75W. B:RIYT03 B:RIYT03)ET-)ET-MF80WET? MF80WET?
 W:/(IM-W:/(IM-\$):O73WL \$):O73WL (F&I74YNW. (F&I74YNW. XOZE92H? XOZE92H?
 **\$O74W+ **\$O74W+ \$OW+"70P \$OW+"70P **YA95(:ABOR03 K.I75Y-LO74)
 **YA95(:ABOR03 Y:BOW)/"80NW.? LO74) K.I74Y Y:BOW)/"80NW.? &A94M:NW. K.I74Y
 KFZF91B &A94M:NW. MAX:S/"73NW. KFZF91B W./BA/\$.E71QER MAX:S/"73NW.
 NIS:T.F75R:NW.00 W./BA/\$.E71QER NIS:T.F75R:NW.00 16 LF/K"81N K.O70H)FMAR03
):ADONF74Y Y:HWI80H? HIN:/NI91Y YIS.A71D B.:/CIY.O73WN)F92BEN)E74BEN
 B.O61XAN? P.IN.A70T YIQ:RAT03 MW.SF74D MW.S.F80D HA75/M.A):AMI73YN LO71)
 YFXI75Y\$00? 17 W:/&AM:T.I70Y MI\$:P.F+03 L:/QF80W W:/C:DFQF73H L:/MI\$:QF92LET?

W:/YF(F70H BFRFD03 MAX:S"74H KFZF80B W:/S"71TER MA73YIM YIS:+O75PW.00?
¹⁸ W:/KUP.A70R B.:RI75YT/:KEM03)ET-MF80WET W:/XFZW.T/:KE71M)ET-):O73WL
 LO74) TFQ92W.M? \$O70W+ \$OW+"P03 K.I74Y YA75(:ABO80R WI/H:YI71YTEM L/O73W
 L:/MIR:MF75S00 ¹⁹ MI/D."70Y (FB:R/OW03 YIQ.A74X)ET/:KE80M? K.I75Y-BA/B.O94QER
 B.A/B.O91QER YA(:ABO73R B.A/Y.O74WM W./BA/L.F92Y:LFH? W:/HFYF71H
 RAQ-Z:WF(F73H HFBI71YN \$:MW.(F75H00? ²⁰ K.I75Y-QFCA71R HA/M.AC.F73(
 M"75/HI&:T.FR"92(A W:/HA/M.AS."KF71H CF73RFH K.:/HIT:K.AN."75S00? ²¹ K.I70Y
 K:/HAR-P.:RFCIYM03 YFQ74W.M Y:HWF80H K.:("73MEQ B.:/GIB:(O74WN YIR:G.F92Z?
 LA/(:A&O70WT MA(:A&/"33HW.03 ZF74R MA(:A&/"80HW. W:/LA75/(:ABOD03
 (:ABO74DFT/O80W NFK:RIY.F73H? (:ABODFT/O75W00? ²² W:/(:AT.FH03
)AL-T.IT:LOWCF80CW. P.E75N-YEX:Z:Q73W. MO75WS:R"Y/KE92M? K.I75Y-KFLF63H
 W:/NEX:ERFCF61H \$FMA81(:T.IY? M"/)"63T):ADONF94Y Y:HWI91H C:BF)O73WT
 (AL-K.FL-HF/)F75REC00? ²³ HA):AZI71YNW. W:/SIM:(73W. QOWL/I92Y HAQ:\$I71YBW.
 W:/SIM:(73W.)IM:RFT/I75Y00? ²⁴ H:A/KO74L HA/Y.O80WM YAX:ARO71\$ HA/XOR"73\$
 LI/Z:RO92(A Y:PAT.A71X WI75/Y&AD."73D)AD:MFT/O75W00? ²⁵ H:A/LOW)03
)IM-\$W.F74H PFNE80Y/HF W:/H"PI71YC QE73CAX W:/KAM.O74N YIZ:RO92Q?
 W:/&F63M XI+.F70H &OWRFH03 W:/&:(ORF74H NIS:MF80N W:/KUS.E73MET
 G.:BULFT/O75W00? ²⁶ W:/YIS.:R/O71W LA/M.IS:P.F73+):ELOHF71Y/W
 YOWR/E75N.W.00? ²⁷ K.I74Y LO70) BE75/XFRW.C03 Y74W.DA\$ QE80CAX W:/)OWPA74N
 (:AGFLF80H (AL-K.AM.O73N YW.S.F92B? K.I94Y BA/M.A+.E91H Y"XF71BE+ QE73CAX
 W:/KAM.O71N B.A/\$.F75BE+00? ²⁸ LE74XEM YW.DF80Q K.I91Y LO71) LF/NE73CAX
)FDO74W\$ Y:DW.\$/E92N.W.? ¹⁴W:/HFMAM G.I.L:G.A94L (EG:LFT/O91W
 W./PFRF\$F73Y/W LO75)-Y:DUQ./E75N.W.00? ²⁹ G.AM-ZO85)T M"/(I91M Y:HWF71H
 C:BF)O73WT YFCF92)FH? HIP:LI74Y) ("CF80H HIG:D.I73YL T.W.\$IY.F75H00
29 ¹ 10HOWY):ARIY)"74L):ARIY)"80L QIR:YA73T XFNF74H DFWI92D? S:P71W.
 \$FNF91H (AL-\$FNF73H XAG.I71YM YIN:QO75PW.00? ² WA/H:ACIQO73WTIY
 LA75):ARIY)"92L W:/HFY:TF70H TA75):ANIY.FH03 WA75):ANIY.F80H? W:/HF71Y:TFH
 L./I73Y K.A):ARIY)"75L00 ³ W:/XFNI71YTIY KA/D.73W.R (FLF92Y/IK:?) W:/CAR:T.I70Y
 (FLA33Y/IK:03 MUC.F80B WA/H:AQI95YMOTI71Y (FLA73Y/IK: M:CURO75T00?
⁴ W:/\$FPAL:T.:03 M"/)E74REC T.:DAB."80RIY W./M"75/(FPF73R T.IS.A74X)IM:RFT/"92K:?
 14W:75/HFYFH K.:/)O70WB M"/)E33REC03 QOWL/"80K: W./M"/(FPF73R)IM:RFT/"71K:
 T.:CAP:C"75P00? ⁵ W:/HFYF91H K.:)FBF71Q D.A73Q H:AMO74WN ZFRF92Y/IK:
 W:/K:MO70C (OB"R03 H:AMO74WN (F75RIYCI80YM? W:/HFYF73H L:/PE71TA(
 P.IT:)O75M00 ⁶ M"/(I63M Y:HWF70H C:BF)OWT03 T.IP.FQ"80D? B.:RA71(AM
 W./B:/RA73(A\$ W:/QO74WL G.FDO92WL SW.PFH03 W./S:(FRF80H W:/LA73HAB)"71\$
)OWK"LF75H00? ⁷ W:/HFYF81H K.A75/X:ALOWM03 X:AZO74WN LA80Y:LFH?
 H:AMOWN03 K.FL-HA/G.OWYI80M HA/C.OB:)I73YM (AL-):ARIY)"92L?
 W:/KFL-COBE33Y/HF03 W./M:CO74DFT/F80H. W:/HA/M.:CIYQI73YM L/F75H.00?
⁸ W:/HFYF83H K.A):A\$ER04 YAX:ALO63M HF/RF("61B W:/HIN."74H)OWK"81L
 W:/H"QIYC02 W:/R"YQF74H NAP:\$/OW01? W:/KA):A\$E63R YAX:ALO70M HA/C.FM")03
 W:/HIN."74H \$OTE80H W:/H"QIYC03 W:/HIN."74H (FY"80P W:/NAP:\$/O73W
 \$OWQ"QF92H? K."74N YI75H:YE81H H:AMOWN03 K.FL-HA/G.OWYI80M
 HA/C.OB:)I73YM (AL-HA71R CIY.O75WN00 ⁹ HIT:MAH:M:H74W. W:/T:MF80HW.
 HIS:T.A95(A\$:73W. WF/\$O92(W.? \$F75K:R74W. W:/LO)-YA80YIN NF(73W. W:/LO71)
 \$"KF75R00? ¹⁰ K.I75Y-NFSA63K: (:AL"Y/KE70M Y:HWFH03 R74W.XA T.AR:D."MF80H?
 WA/Y:(AC."73M)ET-("75YN"Y/KE92M)ET-HA/N.:BIY)I91YM W:/)ET-RF)\$"Y/KE71M
 HA/XOZI73YM? K.IS.F75H00? ¹¹ WA/T.:HI63Y L/FKE61M XFZ74W.T HA/K.O81L
 K.:/DIB:R"Y02 HA/S."74PER HE75/XFTW.M01):A\$E75R-YIT.:N74W.)OT/O81W
)EL-?YOWD"71(A **S"91PER L"/)MO73R Q:RF74) NF)-ZE92H W:/)FMAR03 LO74)
)W.KA80L K.I71Y XFT73W.M H75W.)00? ¹² W:/NIT.A74N HA/S."81PER (AL04):A\$E63R
 LO75)-YFDA71(S"91PER L"/)MO73R Q:RF74) NF)-ZE92H W:/)FMA85R LO71)?
 YFDA73(:T.IY S"75PER00 ¹³ WA/Y.O74)MÉR):ADONF81Y 10YA(AN K.I70Y NIG.A\$03
 HF/(F74M HA/Z.E80H B.:/PI70Y/W? W./BI/&:PFTFY/W03 K.IB.:D80W./NIY W:/LIB./O73W
 RIXA74Q MI/M./E92N.IY? WA/T.:HI70Y YIR:)/FT/FM03)OT/I80Y MIC:WA71T
):ANF\$173YM M:LUM.FDF75H00? ¹⁴ LF/K"81N HIN:/NI71Y YOWSI91P L:/HAP:LI71Y)
)ET-HF75/(FM-HA/Z.E73H HAP:L"74) WF/PE92LE)? W:/)F75B:DFH03 XFK:MA74T
 X:AKFMF80Y/W W./BIYNA71T N:BONF73Y/W T.IS:T.AT.F75R00 ¹⁵ HO91WY

HA/M.A:(AMIYQI71YM M"75/YHWF73H LA/S:T.I74R ("CF92H? W:/HFYF70H B:/MAX:\$FK:03 MA75(:A&"Y/HE80M WA/Y.O74)M:R80W. MI71Y RO)/"73NW. W./MI71Y YOWD:(/"75NW.00? 16 HA63P:K./:KE80M)IM-K./:XO71MER HA/Y.OC"73R Y"75XF\$92B? K.I75Y-YO)MA63R MA:(A&E70H L:/(&/"33HW.03 LO74) (F&/F80NIY? W:/Y"91CER)FMA71R L:/YOWC:R/O73W LO71) H"BI75YN00? 17 H:A/LOW)-(OWD03 M:(A74+ MIZ:(F80R? W:/SF71B L:BFNO73WN LA/K.AR:ME92L W:/HA/K.AR:ME73L LA/Y.A71(AR Y"XF\$75B00? 18 W:/\$FM:(94W. BA/Y.OWM-HA/H91W.) HA/X"R:\$I73YM D.IB:R"Y-S"92PER? W./M"/)O74PEL W./M"/XO80SEK: ("YN"71Y (IW:RI73YM T.IR:):E75YNFH00? 19 W:/YFS:P94W. (:ANFWI91YM B.A75/YHWF73H &IM:XF92H? W:/)EB:YOWN"74Y)FDF80M B.I/Q:DO71W\$ YI&:RF)"73L YFGI75YLVW.00? 20 K.I75Y-)FP"71S (FRI73YC W:/KF74LFH L"92C W:/NIK:R:T73W. K.FL-\$O71Q:D"Y)F75WEN00? 21 MAX:A+IY)"70Y)JDFM03 B.:DFBF80R W:/LA/M.OWKI71YXA B.A.\$A73(AR Y:QO\$92W.N? WA/Y.A+.71W. BA/T.O73HW. CAD.I75YQ00 22 LF/K"81N K.O75H-)FMA70R Y:HWFH03)EL-B."74YT YA75(:AQO80B):A\$E71R P.FDF73H)ET-)AB:RFHF92M? LO75)-(AT.F70H Y"BOW\$03 YA75(:AQO80B W:/LO71) (AT.F73H P.FNF71Y/W YEX:EW75RW.00? 23 K.I74Y 14BI/R:):OT/OW Y:LDF62Y/W MA:(A&"71H YFD/A91Y B.:/QIR:B./O73W YAQ:D.I74Y\$75W. \$:M/I92Y? W:/HIQ:D.I33Y\$W.03)ET-Q:DO74W\$ YA75(:AQO80B W:/)ET-):ELOH"71Y YI&:RF)"73L YA:(ARI75YCW.00? 24 W:/YFD:(71W. TO75("Y-R73W.XA B.IYNF92H W:/ROWG:NI73YM YIL:M:DW.-LE75QAX00? 30 1 HO74WY B.FNI70YM SO75WR:RIYM03 N:)UM-Y:HWF80H? LA/(:A&O70WT ("CFH03 W:/LO74) MI/N.I80Y W:/LI/N:SO71K: MAS."KF73H W:/LO74) RW.X/I92Y? L:MA91(AN S:PO71WT XA+.F73)T (AL-XA+.F75)T00? 2 HA/HOL:KIYM03 LF/RE74DET MIC:RA80YIM W./P/I73Y LO74) \$F)F92LW.? LF/(OWZ03 B.:/MF(O74WZ P.AR:(O80H W:/LA/X:SO73WT B.:/C"71L MIC:RF75YIM00? 3 W:/HFYF71H L/FKE91M MF(O71WZ P.AR:(O73H L:/BO92\$ET? W:/HE/XFS71W.T B.:/C"L-MIC:RA73YIM LI/K:LIM.F75H00? 4 K.I75Y-HFY71W. B:/CO73(AN &FRF92Y/W W./MAL:):FKF73Y/W XFN"71S YAG.I75Y(W.00? 5 K.O74L HOBI80)IY\$ (AL-(A73M LO)-YOW(I74YLV.? L/F92MOW LO70) L:/("33ZER03 W:/LO74) L:/HOW(I80YL K.I71Y L:/BO73\$ET W:/GAM-L:/XER:P.F75H00 6 MA&.F73) B.AH:AMO74WT NE92GEB B.:):EREC04 CFRF63H W:/CW.QF61H? LFBI94Y) WF/LA74YIS M"/HE81M)EP:(EH03 W:/&FRF74P M:(OWP"80P? YI&):W.04 (AL-K.E63TEP (:AYFRI61YM X"75YL/"HE81M W:/AL-D.AB.E70\$ET G.:MAL.IYM03)O75WC:ROT/F80M? (AL-(A73M LO71) YOW(I75YLVW.00 7 W:/MIC:RA85YIM HE71BEL WF/RI73YQ YA:(ZO92RW.? LF/K"N03 QFRF74)TIY LF/ZO80)T RA71HAB H"73M \$F75BET00? 8 (AT.F81H B.O74W) KFT:B/F71H. (AL-L91W.XA)IT./F73M W:/AL-S"74PER XUQ./F92H.? W./T:HIY03 L:/YO74WM)AX:ARO80WN LF/(A73D (AD-(OWLF75M00? 9 K.I74Y (A70M M:RIY03 H80W.) B.FNI73YM K.EXF\$92YM? B.FNI85YM LO75)-)FB71W. \$:MO73W(A T.OWRA71T Y:HWF75H00? 10):A\$E63R)FM:R70W. LF75/RO)IYM03 LO74) TIR:/80W.? W:/LA74/XOZI80YM LO71) TEX:EZW.-L/F73NW. N:KOXO92WT? D.AB.:RW.-L/F74NW. X:ALFQO80WT X:AZ73W. MAH:ATAL.O75WT00? 11 10SW.RW. MI/N."Y-DE80REK: HA+.73W. MI/N."Y-)O92RAX? HA\$:B.I71YTW. MI/P.FN"73Y/NW.)ET-Q:DO71W\$ YI&:RF)"75L00 12 LF/K"81N K.O70H)FMAR03 Q:DO74W\$ YI&:RF)"80L? YA71(AN MF75)FS:/KE73M B.A/D.FBF74R HA/Z.E92H? WA75/T.IB:+:XW.03 B.:/O74\$EQ W:/NFL080WZ WA/T.I75\$.F:(AN73W. (FLF75Y/W00? 13 LF/K"81N YI75H:YE70H L/FKEM03 HE/(FWO74N HA/Z.E80H? K.:/PE74REC NOP"80L NIB:(E73H B.:/XOWMF74H NI&:G.FBF92H?):A\$ER-P.IT:):O71M L:/PE73TA(YFBO71W) \$IB:R/F75H.00? 14 14W./\$:BFR/FH. K.:/\$"63BER N"94BEL YOWC:RI91YM K.FT73W.T LO74) YAX:MO92L? W:/LO75)-YIM.FC"70) BI/M:KIT.FT/OW03 XE80RE&? LA/X:T.O71WT)"03 MI/Y.FQ80W.D W:/LA/X:&O71P MA73YIM MI/G.E75BE)00 15 K.I74Y KO75H-)FMAR04):ADONF63Y Y:HWI61H Q:DO74W\$ YI&:RF)"81L? B.:/\$W.BF70H WF/NA33XAT03 T.IW.F74\$"80W.N B.:/HA\$:Q"+03 W./B:/BI+:XF80H T.I75H:YE73H)3 G.:B75W.RAT:/KE92M? W:/LO73)):ABIYTE75M00 16 WA/T.O63)M:R71W. LO)-KI91Y? (AL-S71W.S NFN73W.S (AL-K."74N T.:NW.S92W.N? W:/AL-QA74L NIR:K.F80B (AL-K."73N YIQ.A71L.W. ROD:P"Y/KE75M00? 17)E74LEP)EXF81D MI/P.:N"Y03 G.A:(ARA74T)EXF80D? MI/P.:N"91Y G.A:(ARA71T X:AMIS.F73H T.FNU92SW. (A74D)IM-NOWTAR:T.E81M? K.A/T.O33REN03 (AL-RO74)\$ HF/HF80R W:/KA/N."73S (AL-HA/G.IB:(F75H00? 18 W:/LF/K"62N Y:XAK.E70H Y:HWFH03 LA75/X:ANAN:/KE80M

W:/LF/K"71N YFR73W.M L:/RA75XEM:/KE92M? K.I75Y-):ELOH"70Y MI\$:P.F+03
Y:HWF80H)A\$:R"73Y K.FL-XO71WK"Y L/O75W00 19 K.IY-(A91M B.:CIY.O71WN
Y"\$"73B B.I/YR75W.\$FLF92IM B.FKO74W LO75)-TIB:K.E81H? XFNO70WN YFX:N/:KF03
L:/QO74WL ZA(:AQ/E80KF K.:\$FM:(FT/O73W (FN/F75K:00? 20 W:/NFTA63N L/FKE94M
):ADONF91Y LE71XEM CF73R W./MA74YIM LF92XAC? W:/LO75)-YIK.FN"71P (OWD03
MOWRE80Y/KF W:/HFY71W. ("YNE73Y/KF RO)O71WT)ET-MOWRE75Y/KF00?
21 W:/)FZ:NE33Y/KF03 T.I\$:MA74(:NFH DFBF80R M"75/)AX:ARE73Y/KF L"/)MO92R?
ZE70H HA/D.E33REK:03 L:K74W. B/O80W K.I71Y TA):AMI73YNW. W:/KI71Y
TA&:M:I75YWLW.00? 22 W:/+IM.")TE81M)ET-CIP.W.Y03 P.:SIYL"74Y KAS:P./E80KF
W:/)ET-):APUD.A73T MAS."KA74T Z:HFBE92KF? T.IZ:R/"M03 K.:MO74W DFWF80H
C"73) T.O71)MAR L/O75W00? 23 W:/NFTAN04 M:+A63R ZAR:(/:AKF61):A\$ER-T.IZ:RA74(
)ET-HF/):ADFMF81H? W:/LE33XEM03 T.:BW.)A74T HF75/):ADFMF80H W:/HFYF71H
DF\$"73N W:/\$FM"92N? YIR:(E71H MIQ:NE91Y/KF B.A/Y.O71WM HA/H73W.) K.A71R
NIR:XF75B00? 24 W:/HF/):ALFPI74YM W:/HF/(:AYFRI81YM (O75B:D"Y03
HF75/):ADFMF80H B.:LI71YL XFMI73YC YO)K"92LW.?):A\$ER-ZORE71H BF/RA73XAT
W./BA/M.IZ:RE75H00? 25 W:/HFYF74H05 (AL-K.FL-HA74R G.FBO81HA)J1 W:(AL03
K.FL-G.IB:(F74H NI&.F)F80H P.:LFGI73YM? YIB:L"Y-MF92YIM? B.:YOWM03 HE74REG
RF80B B.I/N:PO73L MIG:D.FLI75YM00? 26 W:/HFYF70H)OWR-HA/L.:BFNFH03)3
K.:/O74WR HA75/XAM.F80H W:/)O70WR HA75/XAM.FH03 YIH:YE74H \$IB:(FTA80YIM?
K.:/O73WR \$IB:(A74T HA/Y.FMI92YM? B.:YO81WM X:ABO70\$ Y:HWFH03
)ET-\$E74BER (AM./O80W W./MA71XAC MAK.FT/O73W YIR:P.F75)00 27 HIN."70H
\$"M-Y:HWFH03 B.F74) MI/M.ER:XF80Q B.O("74R)AP./O80W W:/KO73BED MA&.F)F92H?
&.:PFTFY/W03 MF74L:)W. ZA80(AM W./L:\$OWN/O73W K.:/"71\$)OKF75LET00?
28 W:/RW.X/O62W K.:NA70XAL \$OW+"P03 (AD-CAW.F74)R YE75X:ECE80H?
LA/H:ANPPF71H GOWYI73M B.:NF74PAT \$F92W:) W:/RE74SEN MAT:(E80H (A73L
L:XFY"71Y (AM.I75YM00? 29 HA/\$.IYR03 YI75H:YE74H L/FKE80M K.:L"73YL
HIT:QAD.E\$-XF92G? W:/&IM:XA74T L"BF81B K.A75/HOWL"K:03 B.E75/XFLI80YL
LF/BO71W) B:/HAR-Y:HWF73H)EL-C71W.R? YI&:RF)"75L00? 30 W:/HI\$:MI63Y(A
Y:HWF61H)ET-HO74WD QOWL/O81W W:/NA70XAT Z:ROW/(OW03 YAR:)E80H?
B.:ZA74(AP)A80P W:/LA73HAB)"74\$)OWK"LF92H NE71PEC WF/ZE73REM
W:/)E71BEN B.FRF75D00? 31 K.I75Y-MI/Q.O71WL Y:HWF73H Y"XA74T)A\$.92W.R
B.A/\$."73BE+ YAK.E75H00? 32 W:/HFYF81H W:/HFYF81H K.O70L K.O70L MA75:(ABAR03
MA75:(ABAR03 MA+. "74H MA+. "74H M75W.SFDF80H M75W.SFDF80H):A\$E63R
):A\$E63R YFNI70YXA YFNI70YXA Y:HWFH03 Y:HWFH03 (FLF80Y/W? (FLF80Y/W?
B.:/TUP.I73YM B.:/TUP.I73YM W./B:/KIN.ORO92WT W./B:/KIN.ORO92WT
W./B:/MIL:X:AMO71WT W./B:/MIL:X:AMO71WT T.:NW.PF73H T.:NW.PF73H
B./F75M00? NIL:XAM-B./F75M00? 33 K.I75Y-K.I75Y-(FR70W.K: (FR70W.K:
M"75/)ET:MW.L03 M"75/)ET:MW.L03 T.FP:T.E80H T.FP:T.E80H **HI91Y)
G.AM-LA/M.E71LEK: **HI91Y) HW.KF73N? LA/M.E71LEK: HE:(MI74YQ HW.KF73N?
HIR:XI92B? HE:(MI74YQ M:DURFT/F81H. HIR:XI92B?)"70\$ M:DURFT/F81H.
W:/("CIYM03)"70\$ HAR:B."80H? W:/("CIYM03 NI\$:MA70T HAR:B."80H? Y:HWFH03
NI\$:MA70T K.:NA74XAL Y:HWFH03 G.FP:RI80YT K.:NA74XAL B.O(:ARF73H
G.FP:RI80YT B./F75H.00 B.O(:ARF73H B./F75H.00 **31** 1 HO74WY HA/Y.OR:DI70YM
MIC:RA33YIM03 L:(EZ:RF80H (AL-SW.SI73YM YI\$.F("92NW.? WA/Y.IB:+:X63W.
(AL-RE61KEB K.I74Y RF81B W:/(A70L P.F75RF\$YIM03 K.I75Y-(FC:M74W. M:)O80D?
W:/LO70) \$F(W.O3 (AL-Q:DO74W\$ YI&:RF)"80L W:/)ET-Y:HWF73H LO71) DFRF75\$W.00?
2 W:/GAM-H70W.) XFKFM03 WA/Y.F74B") RF80(W:/)ET-D.:BFRF73Y/W LO74)
H"SI92YR? W:/QFM03 (AL-B."74YT M:R"(I80YM W:/(AL-(EZ:RA73T P.O71(:AL"Y
)F75WEN00? 3 W:/MIC:RA70YIM)FDFM03 W:75/LO)-"80L W:/SW.S"Y/HE71M B.F&F73R
W:/LO)-R92W.XA? WA75/YHWF62H YA+.E74H YFD/O81W W:/KFS\$A70L (OWZ"R03
W:/NFPA74L (FZU80R W:/YAX:D.F73W K.UL./F71M YIK:LFY75W.N00 4 K.I74Y KO74H
)F75MAR-Y:HWF74H05)"L/A83Y? K.A/):A\$E74R YEH:G.EH04 HF)AR:Y"63H
W:/HA/K.:PI61YR (AL-+AR:P./O81W?):A\$E63R YIQ.FR"70) (FLFY/W03 M:LO74)
RO(I80YM? MI/Q.OWL/FM03 LO74) Y"XF80T W./M"75/H:AMOWN/F73M LO74)
YA75:(ANE92H? K."81N Y"R"D03 Y:HWF74H C:BF)O80WT LI/C:B.O71)
(AL-HAR-CIY.O73WN W:/(AL-G.IB:(FT/F75H.00? 5 K.:/CIP.:FRI74YM (FPO80WT K."81N
YFG"91N Y:HWF71H C:BF)O73WT (AL-Y:R75W.\$FLF92IM? G.FNO71WN W:/HIC.I73YL

P.FSO71XA W:/HIM:LI75Y+00? 6 \$81W.BW. LA/):A\$E91R HE:(MI71YQW. SFRF73H B.:N"71Y YI&:RF)"75L00 7 10K.IY B.A/Y.O74WM HA/H80W.) YIM:)FS81W.N? 10)IY\$):ELIYL"74Y KAS:P/O80W WE/):ELIYL"73Y Z:HFB/O92W):A\$E63R (F&71W. L/FKE91M Y:D"Y/KE73M X"75+:)00? 8 W:/NFPA70L)A\$.W.R03 B.:/XE74REB LO)-)I80Y\$ W:/XE71REB LO75)-)FDF73M T.O75)K:AL/E92N.W.? W:/NF71S L/OW03 MI/P.:N"Y-XE80REB W./BAXW.RF73Y/W LF/MA71S YIH:Y75W.00? 9 W:/SAL:(/OW03 MI/M.FGO74WR YA75(:ABO80WR W:/XAT.71W. MI/N."73S &FRF92Y/W? N:)UM-Y:HWF81H):A\$ER-)71W.R L/OW03 B.:/CIY.O80WN W:/TAN.71W.R L/O73W B.I/YRW.\$FLF75IM00 32 1 H"71N L:/CE73DEQ YIM:LFK:-ME92LEK: W.L:/&FRI73YM L:/MIS:P.F71+ YF&O75RW.00? 2 W:/HFYFH-)I71Y\$ K.:/MA75X:AB")-R73W.XA W:/S"74TER ZF92REM? K.:/PAL:G"Y-MA74YIM B.:/CFYO80WN K.:/C"71L SE75LA(-K.FB"73D B.:)E71REC (:AY"PF75H00? 3 W:/LO71) TIS:(E73YNFH ("YN"74Y RO)I92YM W:/)FZ:N"71Y SOM:(I73YM T.IQ:\$A75B:NFH00? 4 W.L:BA71B NIM:HFRI73YM YFBI74YN LF/DF92(AT W.L:\$O74WN (IL.:GI80YM T.:MAH"73R L:/DAB."71R? CFXO75WT00? 5 LO75)-YIQ.FR"71) (O91WD L:/NFBF73L NFDI92YB W.L:/KIYLA85Y LO71) Y"75)FM"73R \$O75W(A00? 6 K.I70Y NFBFL03 N:BFLF74H Y:DAB."80R W:/LIB./O73W YA:(A&EH-)F92WEN? LA:(A&O74WT XO81NEP W.L:/DAB."70R)EL-Y:HWFH03 T.OW(F80H? L:/HFRIYQ03 NE74PE\$ RF("80B W./MAS:QE71H CFM"73) YAX:SI75YR00? 7 W:/K"LA73Y K."LF74Y/W RF(I92YM 10HW.) ZIM.O74WT YF(F80C? L:/XAB."70L **(:ANIY.IYM03 B.:)IM:R"Y-\$E80QER W./B:/DAB."71R)EB:YO73WN MIS:P.F75+00? 8 W:/NFDI73YB N:DIYBO74WT YF(F92C W:/H73W.) (AL-N:DIYBO71WT YFQ75W.M00 9 NFSIYM03 \$A75):ANAN.O80WT QO73M:NFH \$:MA74(:NFH QOWL/I92Y? B.FNOWT03 B.O75+XO80WT HA):Z"73N.FH)IM:RFT/I75Y00? 10 YFMIYM03 (AL-\$FNF80H T.IR:G.A73Z:NFH B.O75+:XO92WT? 10K.IY K.FLF74H BFCI80YR)O73SEP B.:LI71Y YFBO75W)00? 11 XIR:DW.03 \$A75):ANAN.O80WT R:GF73ZFH B.O75+:XO92WT? P.:\$O74+F75H W:/O80RFH WA/X:AGO73WRFH (AL-X:ALFCF75YIM00? 12 (AL-\$FDA73YIM SO75P:DI92YM (AL-&:D"Y-XE85MED (AL-G.E73PEN P.ORIY.F75H00? 13 10(AL)AD:MA74T (AM./I80Y QO71WC \$FMI73YR T.A75(:ALE92H? 10K.IY (AL-K.FL-B.FT."74Y MF&O80W& QIR:YF73H (AL.IYZF75H00? 14 K.I75Y-JAR:MO74WN NU+.F80\$ H:AMO71WN (I73YR (UZ.F92B? (O74PEL WF/BA61XAN HFYF63H B:(A70D M:(FROWT03 (AD-(OWLF80M? M:&O71W& P.:RF)I73YM MIR:(("71H (:ADFRI75YM00? 15 (AD-Y"63(FRE71H (FL"91Y/NW. R73W.XA MI/M.FRO92WM? W:/HFYF70H MID:B.FR03 LA/K.AR:ME80L **W:/HA/K.AR:ME73L LA/Y.A71(AR Y"XF\$"75B00? 16 W:/\$FKA71N B.A/M.ID:B.F73R MIS:P.F92+ W./C:DFQF73H B.A/K.AR:ME71L T."\$"75B00? 17 W:/HFYF91H MA:(A&"71H HA/C.:DFQF73H \$FLO92WM WA75/(:ABODAT03 HA/C.:DFQF80H HA\$:Q"71+ WF/BE73+AX (AD-?(OWLF75M00? 18 W:/YFSA71B (AM./I73Y B.I/N:W"74H \$FLO92WM W.95/B:/MIS:K.:NOWT03 MIB:+AXI80YM W./BI/M:NW.XO73T \$A):ANAN.O75WT00? 19 W./BFRA73D B.:/RE74DET HA/Y.F92(AR W./BA/\$.IP:LF73H T.IS:P.A71L HF/(I75YR00? 20)A\$:R"Y/KE85M ZOR:(("73Y (AL-K.FL-MF92YIM M:\$AL.:X"71Y RE75GEL-HA/\$.O73WR W:/HA/X:AMO75WR00 33 1 HO74WY \$OWD"81D W:/)AT.FH03 LO74) \$FD80W.D W./BOWG"73D W:/LO)-BF74G:DW. B/O92W? K.A/H:ATI75M:/KF70 \$OWD"D03 T.W.\$A80D K.A/N.:LOT:/KF71 LI/B:G.O73D YIB:G.:DW.-B/F75K:00 2 Y:HWF71H XFN./"73NW. L:/KF74 QIW.I92YNW.? H:EY"70H Z:RO/FM03 LA/B.:QFRI80YM)AP-Y:\$W.(FT/"73NW. B.:/("71T CFRF75H00? 3 MI/Q.O74WL HFMO80WN NFD:D73W. (AM.I92YM M"/RO74WM:MUT/E80KF NFP:C73W. G.OWYI75M00? 4 W:/)US.A74P \$:LAL:/KE80M)O73SEP HE75/XFSI92YL K.:/MA\$.A71Q G."BI73YM \$OWQ"71Q B./O75W00? 5 NI&:G.F74B Y:HWF80H K.I71Y \$OK"73N MFRO92WM MIL."74) CIY.O80WN MIS:P.F73+ W./C:DFQF75H00? 6 W:/HFYFH03):EMW.NA74T (IT.E80Y/KF? XO71SEN Y:\$W.(O73T XFK:MA74T WF/DF92(AT YIR:)A71T Y:HWF73H HI71Y))OWCFR/O75W00 7 10H"N)ER:)EL./F80M CF:(AQ73W. XU92CFH MAL:):AK"74Y \$FLO80WM MA73R YIB:K.FY75W.N00? 8 NFSA74M.W. M:SIL.O80WT \$FBA73T (OB"74R)O92RAX? H"P"70R B.:RIYT03 MF)A74S (FRI80YM LO71) XFA73B):ENO75W\$00? 9)FBA70L)UM:L:LFH03)F80REC HEX:P.I71YR L:BFNO73WN QFMA92L? HFYF70H HA/\$.FROWN03 K.F75/(:ARFBF80H W:/NO("71R B.F\$F73N W:/KAR:ME75L00? 10 (AT.F71H)FQ73W.M YO)MA74R Y:HWF92H (AT.FH03)"75ROWMF80M (AT.F73H)EN.F&"75)00? 11 T.AH:AR71W. X:A\$A73\$ T."74L:DW. QA92\$ RW.X:/AKE85M)"73S T.O)KAL:/KE75M00? 12 W:/HFY71W. (AM.I73YM MI&:R:PO74WT &I92YD QOWCI71YM

K.:SW.XI73YM B.F/)"71\$ YIC.A75T.W.00 13 SIM:(71W. R:XOWQI73YM):A\$E74R
(F&I92YTIY W./D:(71W. Q:ROWBI73YM G.:BURFT/I75Y00? 14 P.FX:AD70W.
B.:CIY.OWN03 XA+.F)I80YM)FX:AZF71H R:(FDF73H X:AN"PI92YM? MI74Y05
YFG74W.R L/F81NW. 10)"\$)OWK"LF80H MIY-YFG71W.R L/F73NW. MOWQ:D"71Y
(OWLF75M00? 15 HOL"74K: C:DFQO80WT W:/DOB"73R M"75Y\$FR192YM MO)"62S
B.:/BE74CA(MA(:A\$AQ.O81WT? NO("70R K.AP.FY/W03 MI/T.:MO74K: B.A/\$.O80XAD
)O+"70M)FZ:N/OW03 MI/\$.:MO74(A D.FMI80YM? W:/(OC"71M ("YNF73Y/W
M"/R:)O71WT B.:/RF95(00 16 10HW.) M:ROWMI74YM YI\$:K.O80N? M:CFDO71WT
S:LF(I73YM MI&:G.AB./O92W LAX:M/O74W NIT.F80N M"YMF73Y/W
NE):EMFNI75YM00? 17 ME71LEK: B.:YFP:Y/O73W T.EX:EZE74YNFH ("YNE92Y/KF
T.IR:)E73YNFH)E71REC MAR:XAQ.I75YM00? 18 LIB./:KF73 YEH:G.E74H)"YMF92H
)AY."70H SOP"R03)AY."74H \$OQ"80L)AY."73H SOP"71R)ET-HA/M.IG:D.FLI75YM00?
19)ET-(A71M NOW(F73Z LO74) TIR:)E92H (A74M (IM:Q"70Y &FPFH03 MI/\$.:MO80W(A
NIL:(A71G LF\$O73WN?)"71YN B.IYNF75H00? 20 X:AZ"74H CIY.O80WN QIR:YA73T
MO75W(:AD/"92NW.? ("YNEY/KF04 TIR:)E63YNFH Y:RW.\$FLA61IM NFWE74H
\$A):ANF81N)O70HEL B.AL-YIC:(FN03? B.AL-YIS.A70(Y:T"75DOTFY/W03 LF/NE80CAX
W:/KFL-X:ABFLF73Y/W B.AL-YIN.FT"75QW.00? 21 K.I74Y)IM-\$F62M)AD.I70YR
Y:HWFH03 L/F80NW. M:QOWM-N:HFRI71YM Y:)ORI73YM RAX:AB"74Y YFDF92YIM?
B.AL-T."70LEK: B./OW03):FNIY-\$A80YI+ W:/CI71Y)AD.I73YR LO71)
YA(AB:R/E75N.W.00? 22 K.I70Y Y:HWFH03 \$OP:+/"80NW. Y:HWF73H M:XOQ:Q/"92NW.
Y:HWF71H MAL:K./"73NW. H71W.) YOW\$YIY(/"75NW.00? 23 NI+.:\$73W. X:ABFLF92Y/IK:
B.AL-Y:XAZ.:Q70W. K"N-T.FR:N/FM03 B.AL-P.F74R:&W. N"80S?)F74Z XUL.A70Q
(A75D-\$FLFL03 MAR:B.E80H P.IS:XI73YM B.F71Z:ZW. BA75Z00? 24 W./BAL-YO)MA71R
\$FK"73N XFLLI92YTIY HF/(F91M HA/Y.O\$"71B B./F73H. N:&U71) (FWO75N00?
34 1 QIR:B70W. GOWYIM03 LI/\$:MO80(A W./L:)UM.I73YM HAQ:\$I92YBW.? T.I\$:MA70(
HF)/F33REC03 W./M:LO)/F80H. T."B"73L W:/KFL-CE):ECF)E75Y/HF00? 2 K.I74Y QE70CEP
LA75/YHWFH03 (AL-K.FL-HA/G.OWYI80M W:/X"MF73H (AL-K.FL-C:BF)/F92M?
HEX:ERIYM/F73M N:TFN/F71M LA/+ .F75BAX00? 3 W:/XAL:L"Y/HE74M YU\$:LF80KW.
W./PIG:R"Y/HE73M YA(:ALE74H BF):\$F92M? W:/NFMA71S.W. HFRI73YM
MI/D.FM/F75M00 4 W:/NFMA33Q.W.03 K.FL-C:BF74) HA/\$.FMA80YIM? W:/NFGO71L.W.
KA/S."73PER HA/\$.FMF92YIM W:/KFL-C:BF)/F74M YIB.O80WL? K.I/N:BO70L (FLEH03
MI/G.E80PEN W./K:/NOBE73LET MI/T.:)"NF75H00? 5 K.I75Y-RIW.:TF71H
BA/\$.FMA73YIM XAR:B./I92Y? HIN."H03 (AL-):EDO74WM T."R"80D W:/(AL-(A71M
XER:M/I73Y L:/MI\$:P.F75+00? 6 XE74REB LA/YHWF62H MFL):F71H DFM03
HUD.A74\$:NFH M"/X"80LEB? MI/D.A70M K.FRIYM03 W:/(AT.W.DI80YM M"/X"73LEB
K.IL:YO74WT)"YLI92YM? K.I74Y ZE70BAX LA75/YHWFH03 B.:/BFC:RF80H
W:/+E71BAX G.FDO73WL B.:/E71REC):EDO75WM00? 7 W:/YFR:D70W. R:)"MIYM03
(IM./F80M W./PFRI73YM (IM-)AB.IYRI92YM? W:/RIW.:TF70H)AR:C/FM03 MI/D.F80M
WA/(:APFR/F73M M"/X"71LEB Y:DU\$.F75N00? 8 K.I91Y YO71WM NFQF73M
LA75/YHWF92H \$:NA71T \$IL.W.MI73YM L:/RI71YB CIY.O75WN00? 9 W:/NEHEP:K70W.
N:XFLE33Y/HF03 L:/ZE80PET WA/(:APFR/F73H. L:/GFP:RI92YT? W:/HFY:TF74H
)AR:C/F80H. L:/ZE73PET B.O("RF75H00? 10 LA70Y:LFH W:/YOWMFM03 LO74)
TIK:B.E80H L:/(OWLF73M YA(:ALE74H (:A\$FN/F92H.? MI/D.O70WR LF/DOWR03
T.EX:ERF80B L:/N"74CAX N:CFXI80YM)"71YN (OB"73R B./F75H.00?
11 WI/YR"\$33W/HF03 QF)A74T W:/QIP.O80WD W:/YAN:\$O71WP W:/(OR"73B
YI\$:K.:NW.-B/F92H.? W:/NF+F71H (FLE91Y/HF QA75W-TO73HW.
W:/)AB:N"Y-BO75HW.00? 12 XORE71Y/HF? W:/)"75YN-\$F73M M:LW.KF74H YIQ:RF92)W.
W:/KFL-&FRE73Y/HF YI71H:YW.)F75PES00? 13 W:/(FL:TF70H)AR:M:NOTE33Y/HF03
SIYRI80YM QIM.O71W& WF/XO73WXA B.:/MIB:CFRE92Y/HF? W:/HFY:TFH03 N:W"74H
TAN.I80YM XFCI73YR LI/B:NO71WT YA(:ANF75H00? 14 W:/PFG:\$70W. CIY.IYM03
)ET-)IY.I80YM W:/&F(I73YR (AL-R"/("74HW. YIQ:RF92)?)AK:-\$FM03 HIR:G.I74Y(FH
L.IYLI80YT W./MFC):F71H L/F73H. MFNO75WXA00? 15 \$F74M.FH QIN.:NF70H
QIP.OWZ03 WA/T.:MAL."80+ W./BFQ:(F73H W:/DFG:RF74H B:/CIL./F92H.?)AK:-\$F91M
NIQ:B.:C71W. DAY.O73WT)I\$.F71H R:(W.T/F75H.00? 16 D.IR:\$63W. M"75/(AL-S"70PER
Y:HWFH03 W.95/Q:RF80)W.)AXA70T M"/H"33N.FH03 LO74) NE:(D.F80RFH?))I\$.F71H
R:(W.T/F73H. LO74) PFQF92DW. K.I75Y-P/IY03 H74W.) CIW.F80H W:/RW.X/O73W
H71W.)? QIB.:CF75N00? 17 W:/H75W.)-HIP.I70YL L/FHEN03 G.OWRF80L W:/YFD/O91W

XIL.:QA71T.FH L/FHE73M B.A/Q.F92W? (AD-(OWLFM03 YI75YRF\$80W./HF L:/DO71WR WF/DO73WR YI\$:K.:NW.-B/F75H.00 35 1 Y:&U&71W./M MID:B.F73R W:/CIY.F92H W:/TFG"94L (:ARFBF91H W:/TIP:RA73X? K.A/X:ABAC.F75LET00 2 P.FRO63XA T.IP:RA61X W:/TFG"81L 10)AP G.IYLA74T W:/RAN."80N? K.:BO70WD HA/L.:BFNOWN03 NIT.AN-L/F80H. H:ADA71R HA/K.AR:ME73L W:/HA/\$.FRO92WN? H"91M.FH YIR:)71W. K:BOWD-Y:HWF73H H:ADA71R)E:LOH"75Y/NW.00 3 XAZ.:Q73W. YFDA74YIM RFPO92WT W:/BIR:K.A71YIM K.O\$:LO73WT)AM."75CW.00? 4)IM:RW.03 L:/NIM:H:AR"Y-L"80B XIZ:Q73W.)AL-T.IYRF92)W.? HIN."70H)E:LO75H"Y/KEM03 NFQF74M YFBO80W)? G.:M74W.L)E:LOHI80YM H71W.) YFBO73W) W:/YOSA(/:AKE75M00? 5)F71Z T.IP.FQA73X:NFH ("YN"74Y (IW:RI92YM W:/)FZ:N"71Y X"R:\$I73YM T.IP.FTA75X:NFH00? 6)F74Z Y:DAL."70G K.F75/)AY.FL03 P.IS."80XA W:/TFRO73N L:\$O74WN)IL."92M? K.I75Y-NIB:Q:(70W. BA/M.ID:B.FR03 MA80YIM W./N:XFLI73YM B.F:(ARFBF75H00? 7 W:/HFYF70H HA/\$.FRFB03 LA/):AGA80M W:/CIM.F)O73WN L:/MAB.74W.("Y MF92YIM? B.I/N:W"70H TAN.IYM03 RIB:C/F80H. XF73YR L:/QFNE71H WF/GO75ME)00? 8 W:/HFYFH-\$F62M MAS:L74W.L WF/DE81REK: W:/DE70REK: HA/Q.O33DE\$03 YIQ.F74R") L/F80H.? LO75)-YA(AB:R/E71N.W. +FM"73) W:/HW.)-L/F92MOW HOL"71K: D.E91REK: WE/):EWIYLI73YM LO71)? YIT:(75W.00? 9 LO)-YIH:YE63H \$F61M)AR:Y"81H W./P:RI70YC XAY.OWT03 B.A75L-YA(:AL/E80N.FH LO71) TIM.FC"73)? \$F92M W:/HFL:K73W. G.:W.LI75YM00 10 W./P:DW.Y"63Y Y:HWF61H Y:\$UB81W.N? W:/BF70)W. CIY.OWN03 B.:RIN.F80H W:/&IM:XA71T (OWLF73M (AL-RO)\$F92M? &F&O70WN W:/&IM:XFH03 YA&.I80YGW. W:/NF73SW. YFGO71WN WA/):ANFXF75H00 36 1 WA/Y:HI83Y B.:)AR:B.A(04 (E&:R"63H \$FNF61H LA/M.E74LEK: XIZ:QIY.F81HW. (FLF62H SAN:X"RI70YB ME75LEK:-)A\$.W.R03? (A74L K.FL-(FR"94Y Y:HW.DF91H HA/B.:CURO73WT WA75/Y.IT:P.:&/"75M00 2)ET-?WA/Y.IS:LA74X RAB-ME75LEK:-\$FQ"63H)A\$.74W.R05 MI/L.FKI94Y\$)ET-?Y:RW.\$FLA91:M/FH RAB-JEL-\$FQ"63H HA/M.E71LEK: MI/L.FKI94Y\$ XIZ:QIY.F73HW. Y:RW.\$FLA91:M/FH B.:X"74YL)EL-K.FB"92D HA/M.E71LEK: WA75/Y.A(:AMO81D? XIZ:QIY.F73HW. B.I/T:(FLAT03 B.:X"74YL HA/B.:R"KF74H K.FB"92D HF/(EL.YOWNF80H WA75/Y.A(:AMO81D? B.I/M:SIL.A73T B.I/T:(FLAT03 &:D"71H HA/B.:R"KF74H KOWB"75S00 HF/(EL.YOWNF80H B.I/M:SIL.A73T &:D"71H KOWB"75S00 3 WA/Y."C"71))"LF91Y/W)EL:YFQI71YM? B.EN-XIL:QIY.F73HW.):A\$E74R (AL-HA/B.F92YIT W:/SEB:NF)03 HA/S.OP"80R W:/YOW)F71X B.EN-)FSF73P HA/M.AZ:K.I75YR00? 4 WA/Y.O70)MER):AL"Y/HEM03 RAB-\$FQ"80H)IM:RW.-NF73))EL-XIZ:QIY.F92HW. K.O75H-)FMA62R HA/M.E70LEK:?) HA/G.FDOWL03 ME74LEK:)A\$.80W.R MF94H HA/B.I+.FXO91WN HA/Z.E73H):A\$E71R B.F+F75X:T.F00 5)FMA33R:T.IY03)AK:-?D.:BAR-&:PFTA80YIM ("CF71H W./G:BW.RF73H LA/M.IL:XF73H (AT.FH03 (AL-MI74Y BF+A80X:T.F K.I71Y MFRA73D:T.F? B./I75Y00 6 HIN."74H BF+A83X:T.F (AL-MI\$:ENET04 HA/Q.FNE63H HF/RFC70W.C HA/Z.EH03 (AL-MIC:RA80YIM):A\$E63R? YIS.FM"71K:)IY\$03 (FLF80Y/W W./BF71) B:/KAP./O73W W./N:QFB/F92H. 10K."N P.AR:(O74H ME75LEK:-MIC:RA80YIM L:/KF75L-?HA/B.O+:XI73YM (FLF75Y/W00 7 W:/KIY-TO)MA74R)"L/A80Y)EL-Y:HWF71H)E:LOH"73Y/NW. B.F+F92X:NW. H:A/LOW)-?H81W.)):A\$E63R H"SI70YR XIZ:QIY.F33HW.03)ET-B.FMOTF74Y/W W:/)ET-MIZ:B.:XOTF80Y/W WA/Y.O70)MER LI75/YHW.DFH03 W:/LI/YR74W.\$FLA80IM LI/P:N"91Y HA/M.IZ:B."71XA HA/Z.E73H T.I75\$:T.AX:AW95W.00 8 W:/)AT.FH03 HIT:(F74REB NF80))ET-?):ADON/I73Y HA/M.E74LEK:)A\$.92W.R W:/)ET.:NF70H L:/KF03)AL:P.A74YIM SW.SI80YM)IM-T.W.KA85L LF71/TET L:/KF73? ROK:BI71YM (:AL"Y/HE75M00 9 W:/)74YK: T.F\$I81YB 14)"T P.:N"63Y PAXA71T)AXA91D (AB:D"71Y):ADON/I73Y HA/Q:+AN.I92YM? WA/T.IB:+A70X L:/KF03 (AL-MIC:RA80YIM L:/RE73KEB W./L:/PFRF\$I75YM00 10 W:/)AT.FH03 H:A/MI/B.AL:(:AD"74Y Y:HWF80H? (FLI91YTIY (AL-HF/)F71REC HA/Z.O73)T L:/HAS:XIYT/F92H. Y:HWFH03)FMA74R)"L/A80Y (:AL"91H)EL-HF/)F71REC? HA/Z.O73)T W:/HAS:XIYT/F75H.00 11 WA/Y.O74)MER)EL:YFQIYM04 W:/SEB:NF63) W:/YOW)F61X)EL-RAB-?FQ"81H D.AB.ER-NF70))EL-(ABFDE33Y/KF03):ARFMI80YT K.I71Y \$OM:(I73YM):ANF92X:NW. W:/)AL-T.:DAB."70R?)"L"33Y/NW.03 Y:HW.DI80YT B.:)FZ:N"74Y HF/(F80M):A\$E73R (AL-HA/XOWMF75H00 12 WA/Y.O74)MER WA/Y.O74)MER RAB-RAB-\$FQ"81H? \$FQ"81H? HA/)E63L HA/)E63L):ADONE70Y/KF):ADONE70Y/KF W:/)LE33Y/KF03 W:/)LE33Y/KF03 \$:LFX/A74NIY \$:LFX/A74NIY):ADON/I80Y):ADON/I80Y L:/DAB."73R

L:/DAB."73R)ET-)ET-HA/D.:BFRI74YM HA/D.:BFRI74YM HF/)"92L.EH HF/)"92L.EH
H:A/LO74)? H:A/LO74)? (AL-(AL-HF/):ANF\$181YM HF/):ANF\$181YM HA/Y.O75\$:BIYM03
HA/Y.O75\$:BIYM03 (AL-(AL-HA74/XOWMF80H HA74/XOWMF80H LE/):EKO74L
LE/):EKO74L **COW)FT/F81M)ET-W:/LI\$:T.O91WT **COW)FT/F81M **M"YM"71Y
W:/LI\$:T.O91WT **RAG:L"Y/HE73M)ET-?(IM./FKE75M00 **M"YM"71Y
**RAG:L"Y/HE73M (IM./FKE75M00¹³ WA75/Y.A:(AMOD03 RAB-\$FQ"80H WA/Y.IQ:RF71)
B:/QOWL-G.FDO73WL Y:HW.DI92YT? WA/Y.O85)MER \$IM:(81W.)ET-D.IB:R"91Y
HA/M.E71LEK: HA/G.FDO73WL ME71LEK:)A\$.75W.R00¹⁴ 10K.OH)FMA74R?
HA/M.E80LEK:)AL-YA\$.I71) L/FKE73M XIZ:QIY.F92HW. K.I71Y LO75)-YW.KA73L
L:/HAC.I71YL)ET/:KE75M00¹⁵ W:/)AL-?YAB:+A63X)ET/:KE70M XIZ:QIY.F33HW.03
)EL-Y:HWF74H L"/)MO80R HAC."71L YAC.IYL/"73NW. Y:HWF92H LO70) TIN.FT"N03?
HF/(I74YR HA/Z.O80)T B.:YA73D ME71LEK:)A\$.75W.R00¹⁶)A75L-T.IS:M:(73W.
)EL-XIZ:QIY.F92HW. K.IY04 KO63H?)FMA61R HA/M.E74LEK:)A\$.81W.R
(:A&75W.-)IT./I70Y B:RFKFH03 W:/C:)74W.)L/A80Y W:/)IK:L70W.)IY\$-G.AP:N/OW03
W:/)I74Y\$? T.:"NFT/O80W W:/\$:T73W.)I71Y\$ M"Y-BOWR/O75W00¹⁷ (AD-B.O)/I85Y
W:/LFQAX:T.I71Y)ET/:KE73M)EL-)E74REC? K.:/)AR:C/:KE92M)E70REC D.FGFN03
W:/TIYRO80W\$)E71REC LE73XEM W:/K:RFMI75YM00¹⁸ P.EN-YAS.I63YT)ET/:KE70M?
XIZ:QIY.F33HW.03 L"/)MO80R Y:HWF73H YAC.IYL/"92NW. HA/HIC.I61Y.LW.
):ELOH"70Y HA/G.OUYIM03)I74Y\$)ET-)AR:C/O80W MI/Y.A73D? ME71LEK:
)A\$.75W.R00¹⁹)AY."62H):ELOH"70Y X:AMFT03 W:/)AR:P.F80D)AY."73H):ELOH"74Y
S:PAR:WF92YIM W:/KI75Y-?HIC.I71YLW.)ET-\$OM:RO73WN MI/Y.FD/I75Y00²⁰ MI81Y
B.:/KFL-):ELOH"70Y HF75/):ARFCOWT03 HF/)"80L.EH):A\$ER-?HIC.I71YLW.
)ET-)AR:C/F73M MI/Y.FD/I92Y K.I75Y-YAC.I94YL Y:HWF91H)ET-Y:RW.\$FLA73IM
MI/Y.FD/I75Y00²¹ WA75/Y.AX:ARI80Y\$W.? W:/LO75)-(FN71W.)OT/O73W D.FBF92R
K.I75Y-MIC:WA63T HA/M.E71LEK: HI91Y) L"/)MO73R LO71) TA:(ANU75/HW.00?
²² WA/Y.FBO74))EL:YFQI74YM B.EN-XIL:QIY.F74HW.):A\$ER-(AL-14HA/B.AYIT
W:/)SEB:Nf63) HA/S.OWP"61R W:/)YOW)F63X? B.EN-)FSF94P HA/M.AZ:K.I91YR
)EL-XIZ:QIY.F73HW. Q:RW.("74Y B:GFDI92YM WA/Y.AG.I74YDW. L/O80W)"73T
D.IB:R"71Y RAB-?FQ"75H00 **37** ¹ WA/Y:HI81Y K.I/\$:MO33(A03 HA/M.E74LEK:
XIZ:QIY.F80HW. WA/Y.IQ:RA73()ET-B.:GFDF92Y/W WA/Y.IT:K.A74S B.A/&.F80Q
WA/Y.FBO73) B."71YT? Y:HWF75H00² 14WA/Y.IS:LAX)ET-)EL:YFQI63YM
):A\$ER-(AL-HA/B.A61YIT W:/)"74T05)SEB:Nf74) HA/S.OWP"81R? W:/)"T03 ZIQ:N"74Y
HA/K.OH:ANI80YM MIT:K.AS.I73YM B.A/&.AQ.I92YM)EL-Y:\$A75(:YF71HW.
BEN-)FMO73WC HA/N.FBI75Y)00?³ WA/Y.OJM:R74W.)"LF81Y/W 10K.OH)FMA74R
XIZ:QIY.F80HW. YOWM-CFRF94H W:/TOWK"XF91H W:/N:)FCF73H HA/Y.O74WM
HA/Z.E92H? K.I74Y BF70)W. BFNIYM03 (AD-MA\$:B."80R W:/KO71XA)A73YIN
L:/L"DF75H00⁴)W.LA83Y YI\$:MA(04 Y:HWF63H):ELOHE61Y/KF?)"74T05 D.IB:R"74Y
RAB-\$FQ"81H):A\$ER04 \$:LFX/O63W ME75LEK:-)A\$.70W.R05):ADONFY/W03
L:/XFR"PO3):ELOHI74YM? XA80Y W:/HOWKI33YXA03 B.A/D.:BFRI80YM):A\$E71R
\$FMA73(Y:HWF74H):ELOHE92Y/KF W:/NF&F74)TF T:PIL.F80H B.:(A71D?
HA/\$:)"RI73YT HA/N.IM:CF)F75H00⁵ WA/Y.FBO81)W. (AB:D"91Y HA/M.E71LEK:
XIZ:QIY.F73HW.)EL-Y:\$A(:YF75HW.00?⁶ WA/Y.O70)MER):AL"Y/HEM03
Y:\$A75(:YF80HW. K.O71H TO)M:R73W.N)EL-):ADON"Y/KE92M K.O74H05)FMA74R
Y:HWF81H?)AL-T.IYRF)03 MI/P.:N"70Y HA/D.:BFRIYM03):A\$E74R \$FMA80(:T.F
):A\$E94R G.ID.:P91W. NA(:AR"71Y MELEK:-)A\$.73W.R?)OWT/I75Y00⁷ HIN:/NI63Y
NOWT"71N B./OW03 R80W.XA W:/)FMA71(\$:MW.(F73H W:/)F74B)EL-)AR:C/O92W
W:/HIP.AL:T.I71Y/W? B.A/XE73REB B.:/)AR:C/O75W00⁸ WA/Y.F33\$FB03 RAB-\$FQ"80H
WA/Y.IM:CF)03)ET-ME74LEK:)A\$.80W.R? NIL:XF73M (AL-LIB:Nf92H K.I74Y \$FMA80(
K.I71Y NFSA73(MI/L.FKI75Y\$00⁹ WA/Y.IS:MA81((AL-T.IR:HF70QFH?
ME75LEK:-K.W.\$03 L"/)MO80R YFCF73) L:/HIL.FX"74M)IT./F92K: WA/Y.IS:MA(03
WA/Y.IS:LA74X MAL:)FKI80YM)EL-?XIZ:QIY.F73HW. L"/)MO75R00¹⁰ K.O74H
TO)M:R81W.N)EL-XIZ:QIY.F70HW. ME75LEK:-Y:HW.DFH03 L"/)MO80R
)AL-?YA\$.I):AKF74J3):ELOHE80Y/KF):A\$E71R)AT.F91H B.OW+"71XA B./O73W
L"/)MO92R LO70) TIN.FT"N03 Y:R74W.\$FLA80IM B.:YA73D ME71LEK:?)A\$.75W.R00
¹¹ HIN."74H05)AT.F74H \$FMA81(:T.F):A\$E63R (F&61W. MAL:K"71Y)A\$.91W.R
L:/KFL-HF/):ARFCO73WT? L:/HAX:ARIYM/F92M W:/)AT.F73H T.IN.FC"75L00
¹² HA/HIC.I63YLW.)OWT/F61M):ELOH"70Y HA/G.OUYIM03):A\$E74R HIS:XI74YTW.?)

):ABOWT/A80Y)ET-G.OWZF73N W:/)ET-XFRF92N W:/RE71CEP W./B:N"Y-(E73DEN
):A\$E71R B.I/T:LA&.F75R00 13)AY."70H? ME75LEK:-X:AMFT03 W./ME74LEK:
)AR:P.F80D W./ME73LEK: LF/(I74YR S:PAR:WF92YIM H"NA73(W:/(IW.F75H00?
 14 WA/Y.IQ.A63X XIZ:QIY.F94HW.)ET-HA/S.:PFRI91YM MI/Y.A71D HA/M.AL):FKI73YM
 WA/Y.IQ:RF)/"92HW. WA/Y.A33(AL03 B."74YT? Y:HWF80H WA/Y.IP:R:&/"71HW.
 XIZ:QIY.F73HW. LI/P:N"71Y Y:HWF75H00 15 WA/Y.IT:P.AL."L03 XIZ:QIY.F80HW.
)EL-Y:HWF73H? L"/)MO75R00 16 Y:HWF63H C:BF)O61WT):ELOH"70Y YI&:RF)"L03
 YO\$"74B HA/K.:RUBI80YM)AT.FH-H70W.)? HF75/):ELOHIYM03 L:/BAD./:KF80
 L:/KO73L MAM:L:KO74WT HF)/F92REC)AT.F74H (F&I80YTF)ET-HA/\$.FMA73YIM
 W:/)ET-?HF)/F75REC00 17 HA+."63H Y:HWF70H05)FZ:N/:KF03 W.95/\$:MF80(P.:QA94X
 Y:HWF91H ("YN/E73KF W./R:)"92H W./\$:MA81(10)"T? K.FL-D.IB:R"74Y SAN:X"RI80YB
):A\$E74R \$FLA80X L:/XFR"73P):ELOHI71YM XF75Y00? 18)FM:NF73M Y:HWF92H?
 HEX:ERI61YBW. MAL:K"71Y)A\$.91W.R)ET-K.FL-HF/):ARFCO73WT
 W:/)ET-)AR:C/F75M00 19 W:/NFTO71N)ET-?):ELOH"Y/HE73M B.F/)"92\$ K.IY04 LO63)
):ELOHI61YM H"81M.FH K.I74Y)IM-MA(:A&"94H Y:D"75Y-)FDF91M ("71C
 WF)/E73BEN? WA75/Y:)AB.:D75W./M00 20 W:/(AT.FH03 Y:HWF74H):ELOH"80Y/NW.
 HOW\$YI(/"73NW. MI/YFD/O92W]1 W:/Y"75D:(W.03 K.FL-MAM:L:KO74WT? HF)/F80REC
 K.I75Y-)AT.F71H Y:HWF73H L:/BAD./E75KF00 21 WA/Y.IS:LAX03 Y:\$A75(:YF74HW.
 BEN-?)FMO80WC)EL-XIZ:QIY.F73HW. L"/)MO92R K.O75H-)FMA70R Y:HWFH03
):ELOH"74Y YI&:RF)"80L):A\$ER03 HIT:P.AL.A74L:T.F?))L/A80Y)EL-SAN:X"RI73YB
 ME71LEK:)A\$.75W.R00 22 ZE74H HA/D.FBF80R):A\$ER-D.IB.E71R Y:HWF73H
 (FLF92Y/W? B.FZF63H L:/KF61 LF:(AGF74H L:/KF81 B.:TW.LAT03 B.AT-CIY.O80WN?
)AX:ARE33Y/KF03 RO74)\$ H"NI80Y(FH B.A73T Y:RW.\$FLF75IM00? 23)ET-MI70Y
 X"RA33P:T.F03 W:/GID.A80P:T.F W:/(AL-MI73Y H:ARIYMO74WTFH Q.O92WL?
 WA/T.I&.F71) MFRO91WM ("YNE73Y/KF)EL-Q:DO71W\$ YI&:RF)"75L00? 24 B.:YA74D
 (:ABFDEY/KF02 X"RA74P:T.F05):ADONFY01 WA/T.O81)MER B.:RO71B RIK:B./I91Y?
):ANI71Y (FLI91YTIY M:RO71WM HFRI73YM YAR:K.:T"74Y L:BFNO92WN?
 W:/)EK:RO62T QOWMA70T):ARFZFY/W03 MIB:XA74R B.:RO\$F80Y/W? W:/)FBOW)03
 M:RO74WM QIC./O80W YA73(AR K.AR:MIL./O75W00? 25):ANI71Y QA73R:T.IY
 W:/\$FTI74YTIY MF92YIM? W:/)AX:RIB03 B.:KAP-P.:(FM/A80Y K.O73L Y:)OR"71Y
 MFCO75WR00? 26 H:A/LO75W)-\$FMA70(:T.F L:/M"75/RFXOWQ03)OWT/F74H.
 (F&I80YTIY? MI71/YM"Y QE73DEM WI/YCAR:T.I92Y/HF (AT.F74H H:AB")TI80Y/HF?
 W./T:HI81Y L:/HA\$:)O91WT G.AL.I71YM NIC.I73YM (FRI71YM B.:CURO75WT00?
 27 W:/YO75\$.B"Y/HEN03 QIC:R"Y-YF80D XA73T.W. WF/BO92\$W.? HFY62W. ("70&EB
 &FDEH03 WI74/YRAQ D.E80\$E)? X:ACI74YR G.AG.O80WT W./\$:D"MF73H LI/P:N"71Y
 QFMF75H00? 28 W:/SIB:T./:KF91 W:/C")T:/KF71 W./BOW/):AKF73 YFDF92(:T.IY W:/)"73T
 HI75T:RAG.EZ:/KF71)L/F75Y00? 29 10YA(AN HIT:RAG.EZ:/KF74)L/A80Y
 W:/)\$A):ANAN:/KF73 (FLF74H B:/)FZ:N/F92Y? W:/&AM:T.I63Y XAX/I61Y B.:)AP./E81KF
 W./MIT:G./IY03 B.I/&:PFTE80Y/KF? WA/H:A\$I74YBOTI80Y/KF B.A/D.E73REK:
):A\$ER-B.F71)TF B./F75H.00? 30 W:/ZEH-L./:KF74 HF)/O80WT?)FKO70WL HA/\$.FNFH03
 SFPI80YXA W./BA/\$.FNF71H HA/\$."NI73YT \$FXI92YS? W./BA/\$.FNF74H
 HA/\$.:LIY\$I81YT ZIR:(94W. W:/QIC:R91W. W:/NI+:(71W. K:RFMI73YM **W:/)IK:L71W.
 PIR:Y/F75M00? 31 W:/YF63S:PF61H P.:L"Y+A94T B."YT-Y:HW.DF91H HA/N.IS:):FRF73H
 SO74RES L:/MF92+.FH W:/(F&F71H P:RI73Y? L:/MF75(:L/FH00? 32 K.I70Y
 MI/YR75W.\$FLA33IM03 T."C"74) \$:)"RI80YT W./P:L"Y+F73H M"/HA74R CIY.O92WN?
 QIN:)A91T Y:HWF71H C:BF)O73WT T.A75(:A&EH-Z.O75)T00 33 LF/K"81N
 K.O75H-)FMA70R Y:HWFH03)EL-ME74LEK:)A\$.80W.R? LO70) YFBOW)03
)EL-HF/(I74YR HA/Z.O80)T W:/LO75)-YOWRE71H \$F73M X"92C?
 W:/LO75)-Y:QAD.:M/E74N.FH MFG"80N W:/LO75)-YI\$:P.O71K: (:FLE73Y/HF]1
 SOL:LF75H00? 34 B.A/D.E71REK:):A\$ER-B.F73) B./F74H. YF\$92W.B W:/)EL-HF/(I71YR
 HA/Z.O91)T LO71) YFBO73W) N:)UM-?Y:HWF75H00? 35 W:/GAN.OWTI91Y
 (AL-HF/(I71YR HA/Z.O73)T L:/HO75W\$YI/(F92H. L:MA75(:AN/I80Y W./L:MA73(AN
 D.FWI71D? (AB:D./I75Y00 36 WA/Y."C"74)05 MAL:)A74K: Y:HWF81H WA/Y.AK.EH03
 B.:/MAX:AN"74H)A\$.80W.R M")F91H W./\$:MONI71YM WA/X:AMI\$.F73H)F92LEP?
 WA/Y.A\$.K.I74YMW. BA/B.O80QER W:/HIN."71H KUL./F73M P.:GFRI71YM M"TI75YM00
 37 WA/Y.IS.A74(WA/Y."80LEK: WA/Y.F73\$FB SAN:X"RI74YB? ME75LEK:-)A\$.92W.R
 WA/Y."73\$EB B.:/NI75YN:W"75H00 38 WA/Y:HIY04 H63W.)]3 MI75\$:T.AX:AWE61H

B."74YT05 NIS:RO74K:)ELOHF81Y/W? W:75/)AD:RAM.E63LEK: W:/&AR:)E70CER
 B.FNFY/W03 HIK.U74/HW. BA/XE80REB W:/H"71M.FH NIM:L:+73W.)E74REC
):ARFRF92+? WA/Y.IM:LO91K:)"75SAR-XAD.O71N B.:N/O73W T.AX:T.F75Y/W00
38 1 B.A/Y.FMI74YM HF/H"80M XFLF71H XIZ:QIY.F73HW. LF/M92W.T WA/Y.FBO74W)
 14)"LFY/W Y:\$A(:YF63HW. BEN-)FMO61WC? HA/N.FBI81Y) WA/Y.O63)MER)"LF61Y/W
 K.O75H-)FMA70R Y:HWFH03 CA74W L:/B"YT/E80KF K.I91Y M"71T)AT.F73H W:/LO71)?
 TI75X:YE75H00 2 WA/Y.AS."94B XIZ:QIY.F91HW. P.FNF73Y/W)EL-HA/Q.I92YR
 WA/Y.IT:P.AL."73L)EL-Y:HWF75H00 3 WA/Y.O)MA81R?)FN.F70H Y:HWFH03
 Z:KFR-NF62))"74T):A\$E94R HIT:HAL.A74K:T.IY L:/PFNE81Y/KF B.E75/):EMET03
 W./B:/L"74B \$FL"80M? W:/HA/+.O71WB B.:/("YNE73Y/KF (F&I92YTIY WA/Y."71B:K:
 XIZ:QIY.F73HW. B.:KI71Y GFDO75WL00 4 WA75/Y:HIY03 D.:BAR-?Y:HWF80H
)E75L-Y:\$A(:YF73HW. L"/)MO75R00 5 HFLO62WK: W:/)FMAR:T.F74)EL-XIZ:QIY.F81HW.
 K.O75H-)FMA70R? Y:HWFH03):ELOH"Y03 D.FWI74D)FBI80Y/KF \$FMA33(:T.IY03
)ET-T.:PIL.FT/E80KF RF)I73YTIY)ET-D.IM:(FT/E92KF HIN:/NIY03? YOWSI74P
 (AL-YFME80Y/KF X:AM"71\$ (E&:R"73H \$FNF75H00 6 W./MI/K.A70P
 ME75LEK:-)A\$.W.R03)AC.I74YL:/KF80 W:/)"73T? HF/(I74YR HA/Z.O92)T
 W:/GAN.OWTI73Y (AL-HF/(I71YR HA/Z.O75)T00 7 W:/ZEH-L./:KF71 HF/)O73WT M"/)"74T
 Y:HWF92H?):A\$ER03 YA(:A&E74H Y:HWF80H)ET-HA/D.FBF71R HA/Z.E73H):A\$E71R
 D.IB."75R00 8 HIN:/NI74Y M"\$I74YB)ET-?C"74L HA75/M.A(:ALO83WT):A\$E74R
 YFR:DFH04 B:/MA(:ALO63WT)FXF71Z B.A/\$.E91ME\$):AXORAN.I73YT (E74&ER?
 MA(:ALO92WT WA/T.F70\$FB HA/\$.E33ME\$03 (E74&ER MA(:ALO80WT
 B.A75/M.A(:ALO73WT):A\$E71R YFRF75DFH00 9 MIK:T.F73B L:/XIZ:QIY.F74HW.
 ME75LEK:-Y:HW.DF92H B.A/X:ALOT/O85W WA/Y:XI73Y M"/XFL:Y/O75W00?
 10):ANI74Y)FMA81R:T.IY B.I/D:MI71Y YFM/A91Y)"L/"73KFH? B.:/\$A(:AR"74Y
 \$:)O92WL P.UQ.A73D:T.IY YE71TER \$:NOWT/F75Y00? 11)FMA33R:T.IY03 LO)-JER:)E74H
 YF80H. YF73H. B.:/E74REC HA/XAY.I92YM? LO)-)AB.I71Y+)FDF91M (O73WD
 (IM-YO71W\$:B"Y XF75DEL00? 12 D.OWR/I81Y NIS.A94(W:/NIG:LF91H MI/N.I73Y
 K.:/O74HEL RO/(I92Y QIP.A63D:T.IY KF/)OR"70G XAY./AY03 MI/D.AL.F74H
 Y.BAC:/"80NIY? MI/Y.O71WM (AD-LA73Y:LFH T.A\$:LIYM/"75NIY00 13 \$IW.I70YTIY
 (AD-B.O33QER03? K.F95/):ARI80Y K."71N Y:\$AB."73R K.FL-(AC:MOWT/F92Y
 MI/Y.O71WM (AD-LA73Y:LFH T.A\$:LIYM/"75NIY00? 14 K.:/S70W.S (FGW.R03 K."74N
):ACAP:C"80P)EH:G.E73H K.A/Y.OWNF92H? D.AL.70W. ("YN/AY03 LA/M.FRO80WM
):ADONF73Y (F75\$:QFH-L/I71Y (FR:B/"75NIY00? 15 MF75H-):ADAB."71R
 W:/)F75MAR-L/I73Y W:/H74W.) (F&F92H?)JED.AD.E71H KFL-\$:NOWT/A73Y (AL-MA71R
 NAP:\$/I75Y00? 16):ADONF73Y (:AL"Y/HE74M YI75X:Y92W. W./L:/KFL-B./FHEN03
 XAY."74Y RW.X/I80Y? W:/TAX:ALIYM/"73NIY W:/HAX:AY/"75NIY00 17 HIN."71H
 L:/\$FLO73WM MAR-L/I74Y MF92R? W:/)AT.F62H XF\$A70Q:T.F NAP:\$/IY03
 MI/\$.A74XAT B.:LI80Y? K.I71Y HI\$:LA91K:T.F)AX:AR"71Y G"W:/:KF73
 K.FL-X:A+F)/F75Y00? 18 K.I74Y LO71) \$:)O91WL T.OWD/E73K.F MF74WET
 Y:HAL:L/E92K.F? LO75)-Y:&AB.:R71W. YO75WR:D"Y-BO73WR)EL-):AMIT./E75KF00?
 19 XA71Y XA91Y H71W.) YOWD/E73KF K.FMO74W/NIY HA/Y.O92WM?)F74B
 L:/BFNI80YM YOWDI73Y(A)EL-):AMIT./E75KF00? 20 Y:HWF73H L:/HOW\$YI/"92NIY
 W./N:GINOWTA94Y N:NAG."91N? K.FL-Y:M"71Y XAY."73Y/NW. (AL-B."71YT
 Y:HWF75H00? 21 WA/Y.O74)MER Y:\$A(:YF80HW. YI&:)73W. D.:BE74LET T.):"NI92YM
 W:/YIM:R:X71W. (A75L-HA/\$.:XI73YN W:/YE75XIY00? 22 WA/Y.O71)MER
 XIZ:QIY.F73HW. MF74H)O92WT K.I71Y)E(:ELE73H B."71YT Y:HWF75H00
39 1 B.F/("74T HA/HI83W) \$FLA83X M:RODA74K: 14B.AL):ADFN
 B.E75N-B.AL):ADF94N ME75LEK:-B.FBE91L S:PFRI71YM? W:/MIN:XF73H
)EL-XIZ:QIY.F92HW. WA/Y.I\$:MA85(K.I71Y XFLF73H WA95/Y.EX:EZF75Q00
 2 WA/Y.I&:MA74X (:AL"Y/HEM02 XIZ:QIY.FHW.01? WA/Y.AR:)"74M)ET-B."74YT
 **N:KOT/O83W)ET-HA/K.ESEP04 W:/)ET-HA/Z.FHF63B W:/)ET-HA/B.:&FMI61YM
 W:/)"74T05? HA/\$.E74MEN HA/+.O81WB W:/)"T03 K.FL-B."74YT K."LF80Y/W W:/)"91T
 K.FL-):A\$E71R NIM:CF73) B.:/O75C:ROTF92Y/W? LO75)-HFYF74H DFBF81R 14):A\$ER
 LO75)-HER:)/F94M XIZ:QIY.F91HW. B.:/B"YT/O73W W./B:/KFL-MEM:\$AL:T./O75W00?
 3 WA/Y.FBO)03 Y:\$A(:YF74HW. HA/N.FBI80Y))EL-HA/M.E73LEK: XIZ:QIY.F92HW.
 WA/Y.O63)MER)"LF61Y/W MF71H)FM:R74W.05? HF/):ANF\$I74YM HF/)"81L.EH
 W./M"/)A33YIN03 YFBO74W.)"LE80Y/KF WA/Y.O33)MER03 XIZ:QIY.F80HW.

M"/)E94REC R:XOWQF91H? B.F71)W.)"L/A73Y MI/B.FBE75L00 4 WA/Y.O85)MER MF71H RF)73W. B.:/B"YT/E92KF WA/Y.O74)MER XIZ:QIY.F81HW.)"74T K.FL-?):A\$E70R B.:/B"YT/IY03 RF)80W. LO75)-HFYF71H DFBF91R):A\$E71R LO75)-HIR:JIYTI73Y/M B.:)OWC:ROT/F75Y00? 5 WA/Y.O71)MER Y:\$A(:YF73HW.)EL-XIZ:QIY.F92HW. \$:MA73(D.:BAR-Y:HWF71H C:BF)O75WT00 6 HIN."H02 YFMI74YM? B.F)IYM01 W:/NI&.F74)05 K.FL-):A\$E74R B.:/B"YT/E81KF WA/):A\$E63R)FC:R94W.):ABOTE91Y/KF (AD-HA/Y.O71WM HA/Z.E73H? B.FBE92L LO75)-YIW.FT"71R D.FBF73R)FMA71R Y:HWF75H00 7 W./MI/B.FNE61Y/KF):A\$E63R Y"C:)94W. MI/M./:KF91):A\$E71R? T.OWLI73YD YIQ.F92XW. W:/HFYW.03 SFRIYSI80YM B.:/H"YKA73L ME71LEK: B.FBE75L00 8 WA/Y.O70)MER XIZ:QIY.F33HW.03)E75L-?Y:\$A(:YF80HW. +O71WB D.:BAR-Y:HWF73H):A\$E74R D.IB.A92R:T.F WA/Y.O85)MER K.I71Y YIH:YE91H \$FLO71WM WE/):EME73T? B.:/YFMF75Y00 40 1 NAX:AM71W. NAX:AM73W. (AM./I92Y YO)MA73R):ELOH"Y/KE75M00? 2 D.AB.:R62W. (AL-L"70B Y:R75W.\$FLA33IM03 W:/QIR:74W.)"LE80Y/HF? K.I70Y MF75L:):FH03 C:BF)/F80H. K.I71Y NIR:CF73H (:AWON/F92H.? K.I70Y LFQ:XFH03 MI/Y.A74D Y:HWF80H K.IP:LA73YIM B.:/KFL-XA+.O)TE75Y/HF00 3 QO74WL QOWR"80)? B.A/M.ID:B.F85R P.AN.73W. D.E74REK: Y:HWF92H? YA\$.RW.03 B.F/(:ARFBF80H M:SIL.F73H L"/)LOH"75Y/NW.00? 4 K.FL-G.EY)03 YIN.F&"80) W:/KFL-HA71R W:/GIB:(F73H YIS:P.F92LW.? W:/HFYF70H HE75/(FQOB03 L:/MIY\$O80WR W:/HF/R:KFSI73YM L:/BIQ:(F75H00? 5 W:/NIG:LF73H K.:BO74WD Y:HWF92H W:/RF)70W. KFL-B.F&FR03 YAX:D.F80W K.I91Y P.I71Y Y:HWF73H? D.IB."75R00 6 10QOWL)OM"74R Q:RF80) W:/)FMA73R MF74H)EQ:RF92)? K.FL-HA/B.F&F74R XF74R W:/KFL-XAS:D./O73W K.:/CI71YC HA/&.FDE75H00? 7 YFB"70\$ XF74R NF74B"75L CI80YC K.I91Y R71W.XA Y:HWF73H NF74\$:BFH B./O92W)FK"71N XF74R? HF/(F75M00? 8 YFB"71\$ XF74R NF74B"75L CI92YC W:/D:BAR-):ELOH"73Y/NW. YFQ71W.M L:/)OWLF75M00 9 (A74L HAR-G.FBO70HA (:ALIY-L/FK:03 M:BA&.E74RET CIY.O80WN? HFRI70YMIY BA/K.O33XA03 QOWL/"80K: M:BA&.E73RET Y:RW.\$FLF92IM HFRI33YMIY03)AL-T.IYRF80)IY?)IM:RIY03 L:/)FR"74Y Y:HW.DF80H HIN."73H):ELOH"Y/KE75M00? 10 HIN."63H):ADONF70Y Y:HWIH03 B.:/XFZF74Q YFBO80W) W:/Z:RO(/O73W MO74\$:LFH L/O92W? HIN."70H &:KFR/OW03)IT./O80W W:/P:(UL.FT/O73W L:/PFNF75Y/W00? 11 K.:/RO(EH03 (ED:R/O74W YIR:(E80H B.I/Z:RO(/OW03 Y:QAB."74C? +:LF)I80YM W:/B:/X"YQ/O73W YI&.F92) (FLO73WT Y:NAH"75L00 12 MI75Y-MFDA63D B.:/\$F(:FL/O61W MA81YIM W:/)FMA33YIM03 B.A/Z.E74RET T.IK."80N? W:/KF71L B.A/\$.FLI73\$ (:APA74R HF)F92REC W:/)FQA70L B.A/P.E33LES03 HFRI80YM? W:/G:BF(O73WT B.:/MO)Z:N75YIM00? 13 MI75Y-TIK."71N)ET-R73W.XA]3 Y:HWF92H W:/)I71Y\$ (:ACFT/O73W YOWDIY(/E75N.W.00? 14)ET-MI70Y NOW(FC03 WA/Y:BIYN/"80HW. WA75/Y:LAM.:D/"73HW. B.:)O74RAX MIS:P.F92+? WA/Y:LAM.:D/"74HW. DA80(AT W:/DE71REK: T.:BW.NO73WT YOWDIY(/E75N.W.00? 15 H"70N G.OWYIM03 K.:/MA74R MI/D.:LI80Y W:/K:/\$A71XAQ MO)Z:NA73YIM NEX:\$F92BW.? H"71N)IY.I73YM K.A/D.A71Q YI+.O75WL00 16 W:/L:BFNO85WN)"71YN D."73Y B.F("92R? W:/XAY.FT/O80W)"71YN D."73Y (OWLF75H00 17 K.FL-HA/G.OWYI73M K.:)A74YIN NEG:D./O92W M"/)E71PES WF/TO73HW. NEX:\$:BW.-L/O75W00? 18 W:/)EL-MI73Y T.:DAM.:Y74W.N)"92L W./MAH-D.:M73W.T T.A71(AR:KW. L/O75W00? 19 HA/P.E33SEL03 NFS74K: XFRF80\$ W:/COR"73P B.A/Z.FHF74B Y:RAQ:/(E92N.W.? W:/R:TUQO71WT K.E73SEP COWR"75P00 20 HA75/M:SUK.F74N T.:RW.MF80H ("71C LO75)-YIR:QA73B? YIB:XF92R? XFRF70\$ XFKFM03 Y:BAQ:ES-L/O80W L:/HF71YIN P.E73SEL LO71) YIM.O75W+00? 21 H:A/LO70W) T"75D:(W.03 H:A/LO74W) TIS:MF80(W. H:A/LO91W) HUG.A71D M"/RO73)\$ L/FKE92M? H:A/LOW)03 H:ABI74YNOTE80M MOWS:DO73WT HF)/F75REC00? 22 HA/Y.O\$"B03 (AL-X74W.G HF)/F80REC W:/YOS:BE73Y/HF K.A/X:AGFBI92YM? HA/N.OW+E70H KA/D.OQ03 \$FMA80YIM WA/Y.IM:T.FX/"71M K.F/O73HEL LF/\$F75BET00? 23 HA/N.OWT"71N ROWZ:NI73YM L:/)F92YIN \$O71P:+ "Y)E73REC K.A/T.O71HW. (F&F75H00? 24)A74P B.AL-NI+.F81(W. 10)AP B.AL-ZORF80(W.)A91P B.AL-\$OR"71\$ B.F)/F73REC G.IZ:(F92M? W:/GAM-NF\$A70P B./FHEM03 WA/Y.IBF80\$W. W:/S:(FRF73H K.A/Q.A71\$ T.I&.F)"75M00 25 W:/)EL-MI71Y T:DAM.:Y73W./NIY W:/)ES:WE92H YO)MA73R QFDO75W\$00? 26 &:JW.-MFRO63WM ("YN"Y/KE70M W:/R:)W.03 MIY-BFRF74))"80L.EH? HA/M.OWC71Y) B:/MIS:P.F73R C:BF)/F92M L:/KUL./FM03 B.:/\$"74M YIQ:RF80)? M"/RO70B)OWNIYM03 W:/)AM.I74YC

K.O80XA)I73Y\$ LO71) NE:(D.F75R00 27 LF70/M.FH TO)MAR03 YA75:(AQO80B W./T:DAB."73R YI&:RF)"92L? NIS:T.:RF70H DAR:K./IY03 M"/Y:HWF80H W./M"/):ELOH/A73Y MI\$:P.F+/I71Y YA:(ABO75WR00? 28 H:A/LO63W) YFDA61:(T.F)IM-LO74) \$FMA81:(T.F?):ELOH"63Y (OWLF70M05 Y:HWFH03 B.OWR")03 Q:CO74WT HF)/F80REC? LO71) YIY(A73P W:/LO74) YIYGF92()"71YN X"73QER LI/T:BW.NFT/O75W00? 29 NOT"71N LA/Y.F("73P K.O92XA W./L:/)"71YN)OWNI73YM (FC:MF71H YAR:B.E75H00? 30 W:/YI75(:AP71W. N:(FRI73YM W:/YIGF92(W. W./BAXW.RI73YM K.F\$O71WL YIK.F\$"75LW.00? 31 W:/QOWY"70 Y:HWFH03 YAX:ALI74YPW. KO80XA YA:(AL71W.)"73BER K.A/N.:\$FRI92YM? YFR33W.CW.03 W:/LO74) YIYGF80(W. Y"L:K73W. W:/LO71) YIY(F75PW.00 41 1 HAX:ARI70Y\$W.)"L/AY03)IY.I80YM W./L.:JUM.I73YM YAX:ALI74YPW. KO92XA? YIG.:\$W.03)F74Z Y:DAB."80RW. YAX:D.F73W LA/M.IS:P.F71+ NIQ:RF75BFH00? 2 MI70Y H"(IYR03 MI/M.IZ:RF80X CE73DEQ YIQ:RF)/"74HW. L:/RAG:L/O92W? YIT."63N L:/PFNF70Y/W G.OWYIM03 W./M.:LFKI74YM YA80R:D.: YIT."70N K.E75/(FPFR03 XAR:B./O80W K./QA71\$ NID.F73P QA\$:T./O75W00? 3 YIR:D.:P/"73M YA:(ABO74WR \$FLO92WM)O71RAX B.:/RAG:LF73Y/W LO71) YFBO75W)00? 4 MI75Y-PF(A74L W./:(F&F80H QOR"71) HA/D.ORO73WT M"/RO92)\$?):ANI70Y Y:HWFH03 RI)\$O80WN W:/)ET-)AX:ARONI73YM):ANIY-H75W.)00? 5 RF)70W.)IY.IYM03 W:/YIYRF80)W. Q:CO71WT HF)/F73REC YEX:ERF92DW. QFR:B73W. WA/Y.E):ETFY75W.N00? 6)I71Y\$)ET-R"/("73HW. YA:(ZO92RW. W./L:/)FXI73Y/W YO)MA71R X:AZF75Q00? 7 WA/Y:XAZ."70Q XFRF\$03)ET-COR"80P MAX:ALI71YQ P.A+.I73Y\$)ET-HO74WLEM P.F92(AM?)OM"70R LA/D.E33BEQ03 +O74WB H80W.) WA/Y:XAZ.:Q/"71HW. B:/MAS.M:RI73YM LO71) YIM.O75W+00 8 W:/)AT.FH03 YI&:RF)"74L (AB:D./I80Y YA:(AQO73B):A\$E74R B.:XAR:T.I92Y/KF? ZE73RA()AB:RFHF71M)OH:AB/I75Y00? 9):A\$E70R HEX:EZAQ:T.I33Y/KF03 MI/Q:CO74WT HF)/F80REC W./M"/):ACIYLE73Y/HF Q:RF)TI92Y/KF? WF)/O70MAR L:/KF03 (AB:D./IY-)A80T.FH B.:XAR:T.I73Y/KF W:/LO71) M):AS:T.I75Y/KF00? 10)AL-T.IYRF)03 K.I74Y (IM./:KF-)F80NIY)AL-T.IS:T.F73(K.I75Y-):ANI74Y):ELOHE92Y/KF?)IM.AC:T.I33Y/KF03)AP-(AZAR:T.I80Y/KF)AP-T.:MAK:T.I73Y/KF B.I/YMI71YN CID:Q/I75Y00? 11 H"70N Y"BO33\$W.03 W:/YIK.F74L:M80W. K.O73L HA/N.EX:ERI74YM B./F92K: YI75H:Y71W. K:/)A91YIN W:/YO)B:D73W.)AN:\$"71Y RIYB/E75KF00? 12 T.:BAQ:\$/"M03 W:/LO74) TIM:CF)/"80M)AN:\$"73Y MAC.UT/E92KF? YIH:Y71W. K:/)A91YIN W./K:/)E73PES)AN:\$"71Y MIL:XAM:T./E75KF00? 13 K.I81Y):ANI91Y Y:HWF71H):ELOHE73Y/KF MAX:AZI74YQ Y:MIYN/E92KF? HF)/OM"71R L:/KF91)AL-T.IYRF73)):ANI71Y (:AZAR:T.I75Y/KF00 14)AL-T.I75YR:YI)03 T.OWLA74(AT YA75:(AQO80B M:T"73Y YI&:RF)"92L?):ANI70Y (:AZAR:T.IY/K:03 N:)UM-Y:HWF80H W:/GO):AL/"73K: Q:DO71W\$ YI&:RF)"75L00? 15 HIN."74H &AM:T.I81Y/K: L:/MOWRAG03 XFR74W.C XFDF80\$ B.A73(AL P.I75YPIY.O92WT? T.FD70W.\$ HFRIYM03 W:/TFDO80Q W./G:BF(O73WT K.A/M.O71C T.F&I75YM00? 16 T.IZ:R/"M03 W:/R74W.XA T.I&.F)/"80M W./S:(FRF73H T.FPI74YC)OWT/F92M? W:/)AT.FH03 T.FGI74YL B.A75/YHWF80H B.I/Q:DO71W\$ YI&:RF)"73L T.IT:HAL.F75L00 17 HF/(:ANIY.I63YM W:/HF)/EB:YOWNI61YM M:BAQ:\$I71YM MA33YIM03 WF)/A80YIN L:\$OWN/F73M B.A/C.FMF74) NF\$F92T.FH?):ANI70Y Y:HWFH03)E(:EN/"80M):ELOH"71Y YI&:RF)"73L LO71))E(EZ:B/"75M00? 18)EP:T.A70X (AL-\$:PFYIYM03 N:HFRO80WT W./B:/TO71WK: B.:QF(O73WT MA(:YFNO92WT?)F&I70YM MID:B.FR03 LA):AGAM-MA80YIM W:/)E71REC CIY.F73H L:/MOWCF71)"Y MF75YIM00? 19)ET."70N B.A/M.ID:B.FR03)E74REZ \$I+.F80H WA/H:ADA73S W:/("74C \$F92MEN?)F&I74YM B.F/(:ARFBF81H B.:RO91W\$ T.ID:HF71R W./T):A\$.73W.R YAX:D.F75W00? 20 L:MA94(AN YIR:):74W. W:/Y"D:(81W. W:/YF&I70YMW. W:/YA&:K.I33Y/LW.03 YAX:D.F80W? K.I71Y YAD-Y:HWF73H (F74&:TFH Z.O92)T W./Q:DO71W\$ YI&:RF)"73L B.:RF)/F75H.00 21 QFR:B71W. RI75YB/:KE73M YO)MA74R Y:HWF92H HAG.I33Y\$W.03 (:ACUMO74WT"Y/KE80M YO)MA73R? ME71LEK: YA:(AQO75B00? 22 YAG.I33Y\$W.03 W:/YAG.I74YDW. L/F80NW.)"73T):A\$E74R T.IQ:RE92YNFH? HF/RI)\$ONO74WT05 MF74H H"81N.FH HAG.I61YDW. W:/NF&I70YMFH LIB./"33NW.03? W:/N"D:(F74H)AX:ARIYT/F80N)O71W HA/B.F)O73WT HA\$:MIY(U75/NW.00? 23 HAG.I33YDW.03 HF)/OTIY.O74WT L:/)EXO80WR W:/N"74D:(F80H K.I71Y):ELOHI73YM)AT.E92M?)AP-T."Y+I74YBW. W:/TFR"80(W. W:/NIS:T.F73(FH **W:/NIR:):E71H YAX:D.F75W00? 24 H"N-)AT.E74M M"/)A80YIN

W./PF(FL/:KE73M M")/F92PA(T.OW("BF73H YIB:XA71R B./FKE75M00?
 25 HA(IYRO70WTIY MI/C.FPOWN03 WA/Y.A80)T MI/M.IZ:RAX-\$E73ME\$ YIQ:RF74)
 BI/\$:M/I92Y? W:/YFBO70) S:GFNIYM03 K.:MOW-XO80MER W./K:MO71W YOWC"73R
 YIR:MFS-+I75Y+00? 26 MI75Y-HIG.I70YD M"/RO)\$03 W:/N"DF80(FH W./MI/L.:/PFNI73YM
 W:/NO)MA74R CAD.I92YQ?)A74P)"YN-MAG.I81YD 10)AP)"74YN MA\$:MI80Y(A)A71P
)"YN-\$OM"73(A)IM:R"Y/KE75M00? 27 RI)\$O71WN L:/CIY.O73WN HIN."74H HIN./F92M
 W:/LI/YRW.\$FLA73IM M:BA&."71R)ET."75N00? 28 W:/)33RE)03 W:/)"74YN)I80Y\$
 W./M"/)73L.EH W:/)"74YN YOW("92C? W:/)E\$:FL/"73M W:/YF\$171YBW. DFBF75R00
 29 H"74N K.UL./F80M)F71WEN?)E73PES MA:(A&"Y/HE92M R71W.XA WF/T073HW.
 NIS:K."Y/HE75M00 42 1 H"70N (AB:D./Y03)ET:MFK:-B./O80W B.:XIYR/I73Y RFC:TF74H
 NAP:\$/I92Y? NFTA70T.IY RW.X/IY03 (FLF80Y/W MIS:P.F73+ LA/G.OWYI71M
 YOWCI75Y)00? 2 LO71) YIC:(A73Q W:/LO74) YI&.F92) W:/LO75)-YA\$:MI71Y(A
 B.A/X73W.C QOWL/O75W00? 3 QFNE70H RFCW.C03 LO74) YIS:B.O80WR W./PIS:T.F71H
 K"HF73H LO74) Y:KAB./E92N.FH? LE/):EME73T YOWCI71Y) MIS:P.F75+00 4 LO70)
 YIK:HEH03 W:/LO74) YFR80W.C? (AD-YF&I71YM B.F)/F73REC MIS:P.F92+
 W./L:/TOWRFT/O73W)IY.I71YM Y:YAX"75YLV.00 5 K.O75H-)FMA62R HF/)"74L05
 Y:HWF81H? B.OWR"70) HA/\$.FMA33YIM03 W:/NO74W+"Y/HE80M ROQA71(
 HF)/F73REC W:/CE):ECF)E92Y/HF? NOT"70N N:\$FMFH03 LF/(F74M (FLE80Y/HF
 W:/R73W.XA LA/HOL:KI71YM B./F75H.00? 6):ANI94Y Y:HWF91H Q:RF)TI71Y/KF75
 B:/CE73DEQ W:/)AX:Z"74Q B.:/YFD/E92KF? W:/)EC.FR:/:KF81 W:/)ET.EN:/:KF91
 LI/B:RI71YT (F73M L:/O71WR G.OWYI75M00? 7 LI/P:QO73XA ("YNA74YIM
 (IW:RO92WT L:/HOWCI70Y) MI/M.AS:G."R03)AS.I80YR? MI/B."71YT K.E73LE)
 YO71\$:B"Y XO75\$EK:00 8):ANI71Y Y:HWF73H H74W.) \$:M/I92Y? W./K:BOWD/IY03
 L:/)AX"74R LO75)-)ET."80N W./T:HIL.FT/I73Y LA/P.:SIYLI75YM00? 9 HF/RI75)\$ONO73WT
 HIN."H-BF92)W. WA75/X:ADF\$OWT03):ANI74Y MAG.I80YD? B.:/+E71REM
 T.IC:MA73X:NFH)A\$:MI71Y(A)2)ET/:KE75M00 10 \$I70YRW. LA75/YHWFH03 \$I74YR
 XFDF80\$ T.:HIL.FT/O73W MI/Q:C"74H HF)/F92REC? YOWR:D"70Y HA/Y.FM03
 W./M:LO)/O80W)IY.I73YM W:/YO\$:B"Y/HE75M00? 11 YI&:/70W. MID:B.FR03
 W:/)FRF80Y/W X:AC"RI73YM T."\$74B Q"DF92R? YFRO33N.W.03 YO74\$:B"Y SE80LA(
 M"/RO71)\$ HFRI73YM YIC:WF75XW.00? 12 YF&I71YMW. LA75/YHWF73H K.FBO92WD
 W./T:HIL.FT/O73W B.F)/IY.I71YM YAG.I75YDW.00? 13 Y:HWFH03 K.A/G.IB.O74WR
 Y"C"80) K.:/I71Y\$ MIL:XFMO73WT YF(I74YR QIN:)F92H? YFRI33Y(A03
)AP-YAC:RI80YXA (AL-)OY:BF73Y/W YIT:G.AB.F75R00 14 HEX:ES"33YTIY03
 M"75/(OWLF80M)AX:ARI73Y\$)ET:)AP.F92Q? K.A/Y.OWL"DF74H)EP:(E80H)E\$.071M
 W:/)E\$:A73P YF75XAD00? 15)AX:ARI70YB HFRIYM03 W./G:BF(O80WT
 W:/KFL-(E&:B./F73M)OWBI92Y\$? W:/&AM:T.I70Y N:HFROWT03 LF95/)/Y.I80YM
 WA/):AGAM.I73YM)OWBI75Y\$00? 16 W:/HOWLAK:T.I74Y (IW:RI81YM B.:/DE33REK:03
 LO74) YFDF80(W. B.I/N:TIYBO71WT LO75)-YFD:(73W.?)AD:RIYK/"92M?)F&IYM04
 MAX:\$F63K: LI/P:N"Y/HE61M LF)/O81WR W./MA75(:AQAS.IYM03 L:/MIY\$O80WR?
 10)"L.EH HA/D.:BFRI80YM (:A&IYTI73/M W:/LO71) (:AZAB:T.I75Y/M00? 17 NFSO70GW.
)FXOWR03 Y"BO74\$W. BO80\$ET HA/B.O+:XI73YM B.A/P.F92SEL? HF/)/OM:RI71YM
 L:/MAS."KF73H)AT.E71M):ELOH"75Y/NW.00 18 HA/X"R:\$I73YM \$:MF92(W.
 W:/HA/(IW:RI73YM HAB.I71Y+W. LI/R):O75WT00? 19 MI70Y (IW."R03 K.I74Y
)IM-(AB:D./I80Y W:/X"R"73\$ K.:/MAL:)/FK/I74Y)E\$:LF92X? MI70Y (IW."R03
 K.I/M:\$UL.F80M W:/)I73R K.:/(E71BED Y:HWF75H00? 20 **RF)O71WT RAB.O73WT
 W:/LO74) TIS:MO92R P.FQO71WXA)FZ:NA73YIM W:/LO71) YIS:MF75(00? 21 Y:HWF71H
 XFP"73C L:MA74(AN CID:Q/O92W YAG:D.I71YL T.OWR73H W:/YA):D.I75YR00?
 22 W:/HW.)02 (AM-B.FZ74W.Z W:/SFSW.Y01? HFP"70XA B.A75/XW.RIYM03 K.UL./F80M
 W./B:/BFT."71Y K:LF)I73YM HFX:B.F92)W.? HFY70W. LF/BAZ03 W:/)"74YN MAC.I80YL
 M:\$IS.F73H W:/)"YN-)OM"71R HF\$A75B00? 23 MI71Y B/FKE73M YA):AZI74YN ZO92)T
 YAQ:\$I71B W:/YIS:MA73(L:/)FXO75WR00? 24 MI75Y-NFTA63N **LI/M:\$IS.F94H)3
 YA:(AQO91B W:/YI&:RF)"71L L:/BOZ:ZI73YM? H:A/LO74W) Y:HWF92H 10ZW.
 XF+F74)NW. L/O80W? W:/LO75)-)FB70W. BI/D:RFKFY/W03 HFLO80WK: W:/LO71)
 \$FM:(73W. B.:/TOWRFT/O75W00? 25 WA/Y.I\$:P.O70K: (FLFY/W03 X"MF74H)AP./O80W
 WE/(:EZ73W.Z MIL:XFMF92H? WA/T.:LAH:A+/"70HW. MI/S.FBIYB03 W:/LO74) YFDF80(
 WA/T.IB:(AR-B./O73W W:/LO)-YF&I71YM (AL-?L"75B00 43 1 W:/)AT.F62H
 K.O75H-)FMA70R Y:HWFH03 B.ORA/):AKF74 YA:(AQO80B W:/YOCER:/:KF73

YI&:RF)"92L?)AL-T.IYRF)03 K.I74Y G:)AL:T.I80Y/KF QFRF71)TIY B:/\$IM/:KF73
 L/IY-)F75T.FH00? 2 K.I75Y-TA(:ABO70R B.A/M.A33YIM03)IT./:KF-)F80NIY
 W./BA/N.:HFRO73WT LO74) YI\$:+:P92W./KF? K.I75Y-T"L"70K: B.:MOW-)"03 LO74)
 TIK.FWE80H W:/LEHFBF73H LO71) TIB:(AR-B./F75K:00? 3 K.I81Y):ANIY03 Y:HWF74H
):ELOHE80Y/KF Q:DO71W\$ YI&:RF)"73L MOW\$YI/(E92KF? NFTA70T.IY KFP:R:/KF03
 MIC:RA80YIM K.71W.\$ W./S:BF73) T.AX:T.E75Y/KF00? 4 M"):A\$E63R YFQA94R:T.F
 B:/("YN/A91Y NIK:B.A73D:T.F WA/):ANI74Y):AHAB:T.I92Y/KF? W:/)ET."70N)FDFM03
 T.AX:T.E80Y/KF W./L:)UM.I73YM T.A71XAT NAP:\$/E75KF00? 5)AL-T.IYRF73) K.I74Y
)IT./:KF-)F92NIY? MI/M.IZ:RFX03)FBI74Y) ZAR:(/E80KF W./MI75/M.A(:ARF73B
):AQAB.:C/E75K.F00? 6)OMA70R LA/C.FPOWN03 T."80NIY W./L:/T"YMF73N
)AL-T.IK:LF92)IY? HFBI70Y)IY BFN/AY03 M"/RFXO80WQ W./B:NOWT/A73Y
 MI/Q:C"71H HF/)F75REC00? 7 10K.OL HA/N.IQ:RF74) BI/\$:M/I80Y W:/LI/K:BOWD/I73Y
 B.:RF)TI92Y/W Y:CAR:T.I73Y/W)AP-(A&IYTI75Y/W00? 8 HOWCI71Y) (AM-(IW."73R
 W:/("YNA74YIM Y"92\$ W:/X"R:\$I73YM W:/)FZ:NA71YIM L/F75MOW00?
 9 K.F75L-HA/G.OWYI62M NIQ:B.:C74W. YAX:D.F81W W:/Y)"F75S:PW.03 L:)UM.I80YM?
 MI70Y B/FHEM03 YAG.I74YD ZO80)T W:/RI75)\$ONO73WT YA\$:MIY(U92/NW.?
 YIT.:N70W. ("75D"Y/HEM03 W:/YIC:D.F80QW. W:/YIS:M:(73W. W:/YO)M:R71W.
):EME75T00? 10)AT.E70M ("D/AY03 N:)UM-Y:HWF80H W:/:(AB:D./I73Y):A\$E74R
 B.FXF92R:T.IY? L:MA74(AN 14T."D:(W. W:/TA):AMI63YNW. L/I70Y W:/TFBI33YNW.03
 K.I75Y-):ANI74Y H80W.)? L:/PFN/AY03 LO)-NO74WCAR)"80L W:/)AX:AR/A73Y LO71)
 YIH:YE75H00 11)FNOKI71Y)FNOKI73Y Y:HWF92H W:/)"71YN MI/B.AL:(FD/A73Y
 MOW\$175Y(A00? 12)FNOKI62Y HIG.A70D:T.IY W:/HOW\$A33(:T.IY03 W:/HIS:MA80(:T.IY
 W:/)"71YN B./FKE73M ZF92R? W:/)AT.E71M ("D/A91Y N:)UM-Y:HWF73H
 WA75/):ANIY-)75L00 13 G.AM-MI/Y.OWM03):ANI74Y H80W.)? W:/)"71YN MI/Y.FD/I73Y
 MAC.I92YL)EP:(A73L W./MI71Y Y:\$IYB/E75N.FH00 14 K.O75H-)FMA94R Y:HWF91H
 G.O)AL:/KE73M Q:DO74W\$ YI&:RF)"92L? L:MA(AN:/KE62M \$IL.A74X:T.IY BFB81L/FH
 W:/HOWRAD:T.I70Y BF75/RIYXIYM03 K.UL./F80M? W:/KA&:D.I73YM
 B.F):FNII.O71WT RIN.FT/F75M00? 15):ANI71Y Y:HWF73H Q:DO75W\$/:KE92M
 B.OWR"71) YI&:RF)"73L MAL:K./:KE75M00 16 10K.OH)FMA74R Y:HWF80H
 HA/N.OWT"71N B.A/Y.F73M D.F92REK: W./B:/MA71YIM (AZ.I73YM N:TIYBF75H00?
 17 HA/M.OWCI71Y) RE75KEB-WF/S73W.S XA74YIL W:/IZ.92W.Z YAX:D.F70W?
 YI\$:K.:BW.03 B.AL-YFQ80W.MW. D.F:(AK73W. K.A.P.IS:T.F71H KFB75W.00?
 18)A75L-T.IZ:K.:R73W. RI75)\$ONO92WT W:/QAD:MONIY.O73WT
)AL-T.IT:B.ONF75NW.00? 19 HIN:/NI63Y (O&E70H X:ADF\$FH03 (AT.F74H TIC:MF80X
 H:A/LO73W) T"75DF(92W./HF?)A74P)F&I70YM B.A/M.ID:B.FR03 D.E80REK:
 B.I75/Y\$IMO73WN N:HFRO75WT00? 20 T.:KAB.:D/"33NIY03 XAY.A74T HA/&.FDE80H
 T.AN.I73YM W./B:NO74WT YA75(:ANF92H? K.I75Y-NFTA63T.IY BA/M.ID:B.F61R
 MA81YIM N:HFROWT03 B.I75/Y\$IYMO80N? L:/HAS:QO73WT (AM./I71Y B:XIYR/I75Y00
 21 (AM-ZW.03 YFCA74R:T.IY L/I80Y? T.:HIL.FT/I73Y Y:SAP."75RW.00 22 W:/LO)-)OT/I71Y
 QFRF73)TF YA75(:AQO92B K.I75Y-YFGA71(:T.F B./I73Y YI&:RF)"75L00?
 23 LO75)-H"B"70Y)TF L./IY03 &"74H (OLOTE80Y/KF W./Z:BFXE73Y/KF LO74)
 KIB.AD:T.F92/NIY? LO70) HE:(EBAD:T.I33Y/KF03 B.:/MIN:XF80H W:/LO71)
 HOWGA(:T.I73Y/KF B.I/L:BOWNF75H00? 24 LO)-QFNI63YTF L./I70Y BA/K.E33SEP03
 QFNE80H W:/X"71LEB Z:BFXE73Y/KF LO74) HIR:WIYT/F92NIY?)A81K:
 HE:(EBAD:T./A33NIY03 B.:/XA+.O)WTE80Y/KF HOWGA(:T./A73NIY
 B.A/(:AWONOTE75Y/KF00 25)FNOKI63Y)FNOKI71Y H91W.) MOXE71H P:\$F(E73Y/KF
 L:MA:(AN/I92Y W:/XA+.O)TE73Y/KF LO71)?)EZ:K.O75R00? 26 HAZ:K.IYR/"85NIY
 NI\$.FP:+F73H YF92XAD SAP."71R)AT.F73H L:MA71(AN T.IC:D.F75Q00? 27)FBI71Y/KF
 HF/RI)\$O73WN XF+F92) W./M:LIYCE73Y/KF P.F71\$:(W. B/I75Y00? 28 WA/):AXAL."73L
 &F74R"Y QO92DE\$ W:/)ET.:NF70H LA/X"33REM03 YA(:AQO80B W:/YI&:RF)"73L?
 L:/GID.W.PI75YM00 44 1 W:/(AT.F71H \$:MA73(YA(:AQO74B (AB:D./I92Y
 W:/YI&:RF)"73L B.FXA71R:T.IY B/O75W00? 2 K.OH-)FMA63R Y:HWF71H (O&/E91KF
 W:/YOCER:/KF71 MI/B.E73+EN YA(:Z:R/E92K.F?)AL-T.IYRF)03 (AB:D./I74Y
 YA75(:AQO80B WI/Y\$SUR73W.N B.FXA71R:T.IY B/O75W00? 3 K.I70Y)EC.FQ-MA33YIM03
 (AL-CFM"80) W:/NOZ:LI73YM (AL-YAB.F\$F92H?)EC.O70Q RW.X/IY03 (AL-ZAR:(/E80KF
 W./BIR:KFT/I73Y (AL-CE):ECF)E75Y/KF00? 4 W:/CFM:X73W. B.:/B"74YN XF92YR
 K.A/(:ARFBI73YM (AL-YIB:L"Y-MF75YIM00? 5 ZE70H YO)MAR03 LA75/YHWF74H

)F80NIY W:/ZE73H YIQ:RF74) B:/\$"75M-YA(:AQO92B? W:/ZE81H YIK:T.O70B YFD/OW03
 LA75/YHWF80H W./B:/\$"71M YI&:RF)"73L Y:KAN.E75H00 6 K.O75H-)FMA63R
 Y:HWF94H ME75LEK:-YI&:RF)"91L W:/GO):AL/O73W Y:HWF74H C:BF)O92WT?
):ANI70Y RI)\$OWN03 WA):ANI74Y)AX:ARO80WN W./MI/B.AL:(FD/A73Y)"71YN
):ELOHI75YM00? 7 W./MI75Y-KFMO74W/NIY YIQ:RF81) W:/YAG.IYD/E70HF
 W:/YA:(R:K/E33HF03 L/I80Y? MI/&.W.MI73Y (AM-(OWLF92M W:/)OTIY.O91WT
 WA):A\$E71R T.FBO73)NFH YAG.I71YDW. L/F75MOW00? 8)A75L-T.IP:X:ADW.03
 W:/)AL-T.IR:H80W. H:A/LO71) M"/)F91Z HI\$:MA:(T.I71Y/KF W:/HIG.A73D:T.IY?
 W:/)AT.E74M ("D/F92Y H:A/Y"70\$)E:LO33WH.A03 MI/B.AL:(FD/A80Y W:/)71YN
 C73W.R B.AL-YFDF75(:T.IY00? 9 YO75C:R"Y-PE70SEL K.UL./FM03 T.O80HW.
 WA/X:AMW.D"Y/HE73M B.AL-YOW(I92YLW.? W:/("D"Y/HE74M H"8152M.F52H52)4
 B.AL-YIR:)91W. W./BAL-Y"D:(73W. L:MA71(AN Y"BO75\$W.00? 10 MI75Y-YFCA71R)"73L
 W./PE74SEL NFSF92K: L:/BIL:T.I73Y HOW(I75YL00? 11 H"70N K.FL-X:AB"RFY/W03
 Y"BO80\$W. W:/XFRF\$171YM H"73M.FH M"75/)FDF92M? YI75T:QAB.:C70W. KUL./FM03
 YA75(:AMO80DW. YIP:X:AD73W. Y"BO71\$W. YF75XAD00? 12 XFRA70\$ B.AR:ZEL03
 MA75(:ACF80D W./PF(AL03 B.A/P.EXF80M? W./BA/M.AQ.FBO73WT YIC.:R"/92HW.
 WA/Y.IP:(FL/"33HW.03 B.I/Z:RO74W(A K.OX/O80W? G.AM-RF("B03 W:/)"74YN K.O80XA
 LO)-\$F71TFH MA73YIM WA/Y.IY(F75P00? 13 XFRA74\$ ("CIYM02 NF74+FH QFW01
 Y:TF):AR"/74HW. BA/&.E80RED? YA:(A&/"33HW.03 B.A/M.AQ:CU(O80WT
 W./BA/M.:XW.GF73H Y:TF):FR/"92HW.? WA75/Y.A:(A&/"33HW.03 K.:TAB:NI74YT
)I80Y\$ K.:TIP:)E71RET)FDF73M LF/\$E71BET B.F75YIT00? 14 LI/K:RFT-L/O74W
):ARFZI80YM WA/Y.IQ.A70X T.IR:ZFHO3 W:/)AL.O80WN? WA/Y:)AMEC-L/O73W
 B.A/(:AC"Y-YF92(AR NF+A71()O73REN]6 W:/GE71\$SEM Y:GAD."75L00? 15 W:/HFYF70H
 L:/)FDFM03 L:/BF("80R WA/Y.IQ.A70X M"/HEM03 WA/Y.F80XFM)AP-YA&.I73YQ
 W:/)F74PFH LF92XEM?)AP-YIP:(AL-)"L03 WA/Y.IS:T.F80XW. (F&/F71HW. PE73SEL
 WA/Y.IS:G.FD-L/F75MOW00? 16 XEC:Y/OW03 &FRA74P B.:MOW-)"80\$ (AL-XEC:Y/OW03
 B.F&F74R YO)K"80L YIC:LE71H CFLI73Y? W:/YI&:B.F92(?)AP-YFXOM03
 W:/YO)MA74R HE)F80X XAM.OWTI73Y RF)I71YTIY)75W.R00? 17 W:/\$.)"74RIYT/O80W
 L:/)71L (F&F73H L:/PIS:L/O92W **YIS:G.FD-L/O70W W:/YI\$:T.A33XW.03?
 W:/YIT:P.AL."74L)"LF80Y/W W:/YO)MAR03 HAC.IYL/"80NIY K.I71Y)"L/I73Y
)F75T.FH00? 18 LO71) YFD:(73W. W:/LO74) YFB192YNW. K.I74Y +A70X M"75/R:)OWT03
 ("75YN"Y/HE80M M"/HA&:K.I73YL? LIB.OT/F75M00? 19 W:/LO)-YF\$174YB
)EL-LIB./O81W W:/LO63) DA71(AT W:/LO75)-T:BW.NFH02 L"/)MOR01 XEC:Y/O62W
 &FRA74P:T.IY B:MOW-)"81\$ 14W:/)AP)FPI70YTIY (AL-G.EXFLFY/W03 LE80XEM
)EC:LE71H? BF&F73R W:/)OK"92L? W:/YIT:R/OW03 L:/TOW("BF74H)E:(E&E80H
 L:/B71W.L ("73C)ES:G.O75WD00? 20 RO(E74H)"80PER L"71B HW.TA73L HI+./F92HW.
 W:/LO75)-YAC.I70YL)ET-NAP:\$/OW03 W:/LO74)? YO)MA80R H:A/LO71W) \$E73QER
 B.I/YMIYN/I75Y00 21 Z:KFR-)"74L.EH YA(:AQO80B W:/YI&:RF)"73L K.I74Y
 (AB:D./IY)-F92T.FH? Y:CAR:T.I70Y/KF (E75BED-L/IY03)A80T.FH YI&:RF)"73L LO71)
 TIN.F\$/75NIY00? 22 MFXI70YTIY KF/(FB03 P.:\$F(E80Y/KF W:/KE/(FNF73N
 XA+O)WTE92Y/KF? \$W.BF71H)"L/A73Y K.I71Y G:)AL:T.I75Y/KF00? 23 RFN.63W.
 \$FMA61YIM K.I75Y-(F&F74H Y:HWF81H HFRI33Y(W.03 T.AX:T.IY.O74WT)F80REC?
 P.IC:X70W. HFRIYM03 RIN.F80H YA73(AR W:/KFL-("74C B./O92W? K.I75Y-GF)A70L
 Y:HWFH03 YA75(:AQO80B W./B:/YI&:RF)"73L YIT:P.F)F75R00 24 K.O75H-)FMA70R
 Y:HWFH03 G.O):AL/E80KF W:/YOCER:KF73 MI/B.F92+EN?)FNOKI70Y Y:HWFH03
 (O74&EH K.O80L? NO+E70H \$FMA33YIM03 L:/BAD./I80Y ROQA71(HF)/F73REC
 **M"/)IT./I75Y00? 25 M"P"R03)OTO74WT B.AD.I80YM W:/QOS:MI73YM Y:HOWL"92L?
 M"\$I94YB X:AKFMI91YM)FXO73WR W:/DA:(T./F71M Y:&AK."75L00? 26 M"QIYM03
 D.:BA74R (AB:D./O80W WA/(:ACA71T MAL):FKF73Y/W YA\$:LI92YM? HF/)OM"63R
 LI/YRW.\$FLA61IM T.W.\$F81B W./L:(FR"70Y Y:HW.DFH03 T.IB.FNE80YNFH
 W:/XFR:BOWTE73Y/HF?):AQOWM"75M00? 27 HF/)OM"71R LA/C.W.LF73H X:FRF92BIY
 W:/NAH:AROTA73Y/IK:)OWBI75Y\$00? 28 HF/)OM"70R L:/KO33WRES\$03 RO/(I80Y
 W:/KFL-XEP:C/I73Y YA\$:LI92M? W:/L"/)MO70R LI/YRW.\$FLA33IM03 T.IB.FNE80H
 W:/H"YKF73L T.IW.FS"75D00 45 1 K.OH-K.OH-)FMA74R)FMA74R Y:HWFH02
 Y:HWFH02 LI/M:\$IYX/OW02 LI/M:\$IYX/OW02 BI75/YMIYN/O81W? L:/KO74WRES\$
 L:/RAD-):A\$ER-L:/PFNFY/W03 HEX:EZA74Q:T.IY G.OWYI80M BI75/YMIYN/O81W?
 W./MFT:N"71Y L:/RAD-M:LFKI73YM L:/PFNFY/W03):APAT."92XA? G.OWYI80M

LI/P:T.O70XA W./MFT:N"71Y L:/PFNFY/W03 M:LFKI73YM D.:LFTA80YIM
):APAT."92XA? W./\$(FRI73YM LI/P:T.O70XA LO71) L:/PFNFY/W03 YIS.FG"75RW.00?
D.:LFTA80YIM W./\$(FRI73YM LO71) YIS.FG"75RW.00? 2):ANIY03 L:/PFNE74Y/KF
)"L"80K: WA/H:ADW.RI73YM **):AYA\$. "92R? D.AL:TO70WT N:XW.\$FH03):A\$AB."80R
W./B:RIYX"71Y BAR:ZE73L):AGAD."75(A00? 3 W:/NFTAT.I70Y L:/KF03)OWC:RO74WT
XO80\$EK: W./MA+:MUN"73Y MIS:T.FRI92YM? L:MA74(AN T."DA81(K.I75Y-):ANI94Y
Y:HWF91H HA/Q.OWR"71) B:\$/SIM:/KF73):ELOH"71Y YI&:RF)"75L00? 4 L:MA33(AN03
(AB:D./I74Y YA:(AQO80B W:/YI&:RF)"73L B.:XIYR/I92Y? WF/)EQ:RF70) L:/KF03
B.I/\$:M/E80KF):AKAN./:KF73 W:/LO71) Y:DA:(T./F75NIY00? 5):ANI70Y Y:HWFH03
W:/)"74YN (O80WD ZW.LFT/I73Y)"74YN):ELOHI92YM?):A)AZ.ER:/KF73 W:/LO71)
Y:DA:(T./F75NIY00? 6 L:MA74(AN Y"D:(81W. MI/M.IZ:RAX-\$E33ME\$03
W./MI/M.A74(:ARFBF80H K.IY-)E73PES B.IL:(FD/F92Y?):ANI71Y Y:HWF73H W:/)"71YN
(O75WD00? 7 YOWC"71R)OWR03 W./BOWR"74) XO80\$EK: (O&E71H \$FLO73WM
W./BO74WR") RF92():ANI71Y Y:HWF73H (O&E71H KFL-)"75L.EH00 8 HAR:(I70YPW.
\$FMA33YIM03 MI/M.A80(AL W./\$:XFQI73YM YIZ.:LW.-CE92DEQ? T.IP:T.AX-)E74REC
W:/YIP:RW.-YE81\$A(? W./C:DFQF70H TAC:MI33YXA03 YA80XAD):ANI71Y Y:HWF73H
B.:RF)TI75Y/W00 9 HO81WY 10RFB)ET-YO74C:R/O80W XE73RE&)ET-XAR:&"74Y
):ADFMF92H? H:A/YO)MA63R]2 XO70MER L:/YO75C:R/OW03 MA75H-T.A:(A&E80H
W./PF(FL:/KF73)"YN-YFDA71YIM L/O75W00 10 HO91WY)OM"71R L:/)F73B
MAH-T.OWLI92YD W./L:/)I\$.F73H MAH-T.:XIYLI75YN00 11 K.O75H-)FMA94R Y:HWF91H
Q:DO71W\$ YI&:RF)"73L W:/YOC:R/O92W? HF/)OTIY.O74WT \$:/FL80W/NIY
(AL-B.FN/A91Y W:/)AL-P.O71(AL YFD/A73Y T.:CAW.U75/NIY00? 12)F75NOKIY03
(F&I74YTIY)E80REC W:/)FDF73M (FLE74Y/HF BFRF92)TIY?):ANI81Y YFD/AY03
NF+74W. \$FMA80YIM W:/KFL-C:BF)/F73M CIW."75YTIY00? 13)FNOKIY03
HA(IYROTI74/H75W. B:/CE80DEQ W:/KFL-D.:RFKF73Y/W):AYA\$. "92R?
H75W.)-YIB:NE70H (IYR/IY03 W:/GFLW.T/I74Y Y:\$AL."80XA? LO70) BI/M:XIYR03
W:/LO74) B:/\$O80XAD)FMA73R Y:HWF71H C:BF)O75WT00 14 K.O74H05)FMA74R
Y:HWF81H? Y:GI63Y(A MIC:RA71YIM W.95/S:XAR-K.W.\$02 W./S:BF)IYM02)AN:\$"74Y
MID.FH01? (FLA70Y/IK: YA:(ABO33RW.03 W:/L/F74K: YI75H:Y80W.)AX:ARA74Y/IK:
Y"L"80KW. B.A/Z.IQ.I73YM YA:(ABO92RW.? W:/)LA70Y/IK: YI75\$:T.AX:AW.W.03]1
)"LA74Y/IK: YIT:P.AL.F80LW.?)A74K: B./F71K:)"91L W:/)"71YN (O73WD)E71PES
):ELOHI75YM00? 15)FK"85N)AT.F73H)"74L MIS:T.AT."92R):ELOH"71Y YI&:RF)"73L
MOW\$175Y(A00? 16 B.O71W\$W. W:/GA75M-NIK:L:M73W. K.UL./F92M YAX:D.FW03
HFL.K74W. BA/K.:LIM.F80H XFRF\$"73Y CIYRI75YM00? 17 YI&:RF)"L03 NOW\$A74(
B.A/YHWF80H T.:\$W.(A73T (OWLFMI92YM? LO)-T"BO71\$W. W:/LO)-TIK.FL:M73W.
(AD-(O71WL:M"Y (A75D00 18 K.I74Y KO74H)F75MAR-14Y:HWFH B.OWR"63)
HA/\$.FMA61YIM H74W.) HF/):ELOHI81YM? YOC"63R HF/)F70REC W:/)O&/FH.03 H74W.)
KO75WN:N/F80H.? LO)-TO71HW. B:RF)/F73H. LF/\$E74BET Y:CFR/F92H.?):ANI71Y
Y:HWF73H W:/)"71YN (O75WD00? 19 LO94) BA/S."74TER D.IB.A81R:T.IY B.I/M:QOWM03
)E74REC XO80\$EK: LO71))FMA91R:T.IY L:/ZE71RA(YA:(AQO73B T.O74HW.
BAQ:.\$92W.NIY?):ANI70Y Y:HWFH03 D.OB"74R CE80DEQ MAG.I73YD
M"Y\$FRI75YM00? 20 HIQ.FB:C71W. WF/BO91)W. HI75T:NAG:.\$71W. YAX:D.F73W
P.:LIY+"74Y HA/G.OWYI92M? LO74) YFD:(81W. HA/N.O75&:IYM03)ET-("74C
P.IS:L/F80M? W./MIT:P.AL:LI80YM)EL-)73L LO71) YOW\$175Y(A00? 21 HAG.I74YDW.
W:/HAG.I80Y\$W.)A71P YI75W.F:(AC73W. YAX:D.F92W? MI74Y HIS:MIY(A04 ZO63)T
MI/Q.E61DEM M"/)F74Z HIG.IYD/F81H.? H:A/LO63W)):ANI70Y Y:HWFH03
W:/)"75YN-(O70WD):ELOHIYM03 MI/B.AL:(FD/A80Y?)"75L-CAD.I74YQ
W./MOW\$180Y(A)A73YIN ZW.LFT/I75Y00? 22 P.:NW.-)"L/A71Y W:/HIW.F\$:(73W.
K.FL-)AP:S"Y-)F92REC? K.I71Y):ANIY-)73L W:/)"71YN (O75WD00 23 B./I74Y
NI\$:B.A80(T.IY? YFCF63) MI/P./I94Y C:DFQF91H D.FBF73R W:/LO74) YF\$92W.B?
K.IY-L/IY03 T.IK:RA74(K.FL-B.E80REK: T.I\$.FBA73(K.FL-LF\$O75WN00? 24)A94K:
B.A/YHWF91H L/I71Y)FMA73R C:DFQO74WT WF/(O92Z? (FDFY/W03 YFBO74W)
W:/Y"BO80\$W. K.O73L HA/N.EX:ERI71YM B./O75W00? 25 B.A/YHWF91H YIC:D.:Q71W.
W:/YI75T:HAL:L73W. K.FL-ZE71RA(YI&:RF)"75L00? 46 1 K.FRA71(B."L03 QOR"74S
N:BO80W HFYW.03 (:ACAB."Y/HE80M? LA/XAY.F73H W:/LA/B.:H"MF92H
N:&U)OT"Y/KE74M (:AMW.SO80WT MA&.F73) LA/(:AY"PF75H00? 2 QFR:S70W.
KF75R:(W.03 YAX:D.F80W LO71) YFK:L73W. MAL."74+ MA&.F92)? W:/NAP:\$/F73M

B.A./\$.BI71Y HFLF75KFH00 3 \$IM:(70W.)"L/AY03 B."74YT YA:(AQO80B W:/KFL-\$:)RI73YT B."74YT YI&:RF)"92L? HA75/(:AMUSIYM03 MI/N.IY-BE80+EN HA/N.:&U)I73YM MI/N.IY-RF75XAM00? 4 W:/(AD-ZIQ:NFH03):ANI74Y H80W.) W:/(AD-&"YBF73HJ2):ANI74Y)ES:B.O92L?):ANI70Y (F&I33YTIY03 WA):ANI74Y)E&.F80) WA):ANI71Y)ES:B.O73L WA):AMAL."75+00 5 L:/MI71Y T:DAM:Y73W./NIY W:/TA\$:W92W. W:/TAM:\$IL73W./NIY W:/NID:ME75H00? 6 HA/Z.FLI70YM ZFHFB03 MI/K.I80YS W:/KE73SEP B.A/Q.FNE74H YI\$:QO92LW.? YI&:K.:R70W. COWR"P03 W:/YA:(A&/"74HW.)"80L YIS:G.:D73W.)AP-YI75\$:T.AX:AW.75W.00?]1 7 14YI&.F)U/HW. (AL-K.FT"63P YIS:B.:LU61/HW. W:/YAN.IYXU70/HW. TAX:T.FY/W03 W:/YA75(:AMO80D? MI/M.:QOWM/O73W LO74) YFMI92Y\$?)AP-YIC:(A70Q B.)LFY/W03 W:/LO74) YA:(ANE80H MI/C.FRFT/O73W LO71) YOW\$YI/(E75N.W.00 8 ZIK:RW.-ZO73)T W:/HIT:O)\$F92\$W. HF\$I71YBW. POW\$: (I73YM (AL-L"75B00? 9 ZIK:R71W. RI)\$ONO73WT M"/(OWLF92M? K.I74Y)FNOKI71Y)"L03 W:/)"74YN (O80WD):ELOHI73YM W:/)E71PES K.FMO75W/NIY00? 10 MAG.I70YD M"75/R")\$IYT03)AX:ARI80YT W./MI/Q.E73DEM):A\$E74R LO)-NA:(A&92W.?)OM"R03 (:ACFT/I74Y TFQ80W.M W:/KFL-XEP:C/I73Y)E:(E&E75H00? 11 QOR"70) MI/M.IZ:RFX03 (A80YI+ M")E71REC MER:XF73Q)I74Y\$ **(:ACFT/I92Y?)AP-D.IB.A33R:T.IY03)AP-):ABIY)/E80N.FH YFCA73R:T.IY)AP-)E:(E&E75N.FH00 12 \$IM:(71W.)"L/A73Y)AB.I74YR"Y L"92B HF/R:XOWQI73YM MI/C.:DFQF75H00? 13 Q"RA70B:T.IY CID:QFT/IY03 LO74) TIR:XF80Q W:/T:\$W.(FT/I73Y LO74) T:AX"92R? W:/NFTAT.I70Y B:/CIY.OWN03 T.:\$W.(F80H L:/YI&:RF)"73L T.IP:)AR:T./I75Y00 47 1 R:DI74Y05 W./\$:BI74Y (AL-(FPF81R B.:TW.LAT03 B.AT-B.FBE80L? \$:BIY-LF)F71REC)"YN-K.IS."73) B.AT-K.A&:D.I92YM? K.I74Y LO70) TOWSI33YPIY03 YIQ:R:)W.-L/F80K: RAK.F73H WA:(ANUG.F75H00? 2 Q:XI71Y R"XA73YIM W:/+A74X:ANIY QF92MAX G.AL.I63Y CAM.FT/"94K: XE&:P.IY-\$O91BEL G.AL.IY-\$O73WQ (IB:RI71Y N:HFRO75WT00? 3 T.IG.FL03 (ER:WFT/"80K: G.A71M T."RF)E73H XER:P.FT/"92K: NFQF74M)EQ.F80X W:/LO71))EP:G.A73()DF75M00 4 G.O):AL/"85NW. Y:HWF71H C:BF)O73WT \$:M/O92W Q:DO73W\$ YI&:RF)"75L00? 5 \$:BI71Y DW.MF91M W:/BO71)IY BA/XO73\$EK: B.AT-K.A&:D.I92YM? K.I74Y LO70) TOWSI33YPIY03 YIQ:R:)W.-L/F80K: G.:BE73RET MAM:LFKO75WT00? 6 QFCA74P:T.IY (AL-(AM./I81Y XIL.A33L:T.IY03 NAX:ALFT/I80Y? WF)ET.:N/"73M B.:YFD/"92K: LO)-&A70M:T.: L/FHEM03 RAX:AMI80YM? (AL-ZFQ"85N HIK:B.A71D:T.: (UL/"73K: M):O75D00? 7 WA/T.O74)M:RI80Y L:/ (OWLF73M)EH:YE74H G:BF92RET (A74D? LO)-&A71M:T.:)"33L.EH03 (AL-LIB./"80K: LO71) ZFKA73R:T.:)AX:ARIYT/F75H.00 8 W:/(AT.F62H \$IM:(IY-ZO70)T (:ADIYNFH03 HA/Y.OW\$E74BET LF/BE80+AX? HF)O75M:RFH03 B.I/L:BF80B/FH.):ANI73Y W:/)AP:S/I74Y (O92WD? LO70))"B03)AL:MFNF80H W:/LO71))"DA73(\$:KO75WL00? 9 W:/TFBO)NFH04 L:/F63K: \$:T."Y-)"71L.EH RE91GA(B.:YO71WM)EXF73D? \$:KO74WL W:/)AL:MO92N K.:/TUM./FM03 B.F74)W. (FLA80Y/IK: B.:RO74B K.:\$FPA80Y/IK: B.:/FC:MA71T X:ABFRA73Y/IK: M):O75D00? 10 WA/T.IB:+:XI74Y B:/RF(FT/"81K:)FMAR:T.:03)"74YN RO)/F80NIY? XFK:MFT/"71K: W:/DA:(T./"73K: HI74Y) \$OWB:BF92T/EK: WA/T.O)M:RI74Y B:/LIB./"80K:):ANI73Y W:/)AP:S/I71Y (O75WD00? 11 W:/BF94) (FLA74Y/IK: RF(F81H LO70) T"D:(IY03 \$AX:R/F80H.? W:/TIP.O70L (FLA33Y/IK:03 HOWF80H LO71) TW.K:LI73Y K.AP.:R/F92H.? W:/TFBO63) (FLA94Y/IK: P.IT:)O91M \$OW)F73H LO71) T"DF75(IY00? 12 (IM:DIY-NF70) BA/X:ABFRA33Y/IK:03 W:/B:/RO74B K.:\$FPA80Y/IK: B.A):A\$E71R YFGA73(AT: MI/N.:(W.RF92Y/IK:?) W.LA91Y T.W.K:LI71Y HOW(I73YL)W.LA71Y T.A:ARO75WCY00? 13 NIL:)"73YT B.:RO74B (:ACFTF92Y/IK: YA(AM:DW.-NF63)? W:/YOW\$YI(U61/K: **HOB:R"74Y \$FMA81YIM HA75/XOZIYM03 B.A/K.O74WKFB180YM? MO75WDIY(IM03 LE/X:FDF\$I80YM M"):A\$E71R YFBO73)W. (FLF75Y/IK:00? 14 HIN."63H HFY70W. K:/QA\$03)"74\$ &:RFPF80T/AM? LO75)-YAC.I71Y/LW.)ET-NAP:\$/F73M MI/Y.A74D LE75HFBF92H?)"YN-G.AXE74LET LA/X:MF80M)73W.R LF/\$E71BET NEG:D./O75W00? 15 K."71N HFYW.-L/F73K:):A\$E74R YFGF92(AT: SOX:ARA74Y/IK: MI/N.:(W.RA81Y/IK:?) I70Y\$ L:/EB:R/OW03 T.F(80W.)"73YN MOW\$YI/"75K:00 48 1 \$IM:(W.-ZO74)T B."75YT-YA:(AQO81B? HA/N.IQ:RF)IYM03 B.:/"74M YI&:RF)"80L W:/MI/M."71Y Y:HW.DF73H YFCF92)W.? HA75/N.IS:B.F(I74YM05 B.:/"74M Y:HWF81H W./B"/)LOH"70Y YI&:RF)"L03 YAZ:K.I80YRW.? LO71) BE):EME73T W:/LO71) BI/C:DFQF75H00 2 K.I75Y-M"/(I70YR HA/Q.O33DE\$03 NIQ:RF80)W.? W:/AL-):ELOH"71Y

YI&:RF)"73L NIS:MF92KW. Y:HWF71H C:BF)O73WT \$:M/O75W00 3 HF/RI75)\$ONOWT03
 M")F74Z HIG.A80D:T.IY W./MI/P./I71Y YFC:)73W. W:/)A\$:MIY(/"92M? P.IT:)O71M
 (F&I73YTIY WA/T.FBO75)NFH00 4 MI/D.A:(T./I85Y K.I71Y QF\$E73H)F92T.FH?
 W:/GI70YD B.AR:ZEL03 (FR:P./E80KF W./MIC:X:/AKF73 N:XW.\$F75H00? 5 WF/)AG.I70YD
 L:/KF03 M")F80Z B.:+E71REM T.FBO73W) HIS:MA:(T.I92Y/KF? P.EN-T.O)MAR03
 (FC:B./I74Y (F&/F80M W./PIS:L/I71Y W:/NIS:K./I73Y CIW./F75M00? 6 \$FMA70:(T.F75
 X:AZ"H03 K.UL./F80H. W:/)AT.E73M H:A/LO74W) TAG.I92YDW.? HIS:MA:(T.I70Y/KF
 X:ADF\$OWT03 M"/(A80T.FH W./N:CURO73WT W:/LO71) Y:DA:(T./F75M00? 7 (AT.F70H
 NIB:R:)W.03 W:/LO74) M")F80Z W:/LI/P:N"Y-YO73WM W:/LO74) \$:MA:(T./F92M?
 P.EN-T.O)MA73R HIN."71H Y:DA:(T.I75Y/N00? 8 G.A74M LO75)-\$FMA81:(T.F 10G.AM
 LO74) YFDA80:(T.F G.A85M M")F73Z LO)-PIT.:XF74H)FZ:N/E92KF? K.I70Y
 YFDA33:(T.IY03 B.FGO74WD T.IB:G.O80WD W./POS"71(A MI/B.E73+EN QO71RF)
 L/F75K:00? 9 L:MA70(AN \$:M/IY03)A):ARI74YK:)AP./I80Y W./T:HIL.FT/I73Y
)EX:E+FM-L/F92K: L:/BIL:T.I73Y? HAK:RIYT/E75KF00? 10 HIN."71H C:RAP:T.I73Y/KF
 W:/LO74) B:/KF92SEP B.:XAR:T.I73Y/KF B.:/K71W.R (O75NIY00? 11 L:MA:(AN/I94Y
 L:MA:(AN/I91Y)E:(E&E73H K.I74Y)"74YK: Y"XF92L? W./K:BOWD/I73Y L:/)AX"71R
 LO75)-JET."75N00 12 \$:MA70()"L/AY03 YA75:(AQO80B W:/YI&:RF)"73L M:QORF/I92Y?
):ANIY-HW.)03):ANI74Y RI)\$O80WN)A73P):ANI71Y)AX:ARO75WN00? 13)AP-YFD/IY03
 YF74S:DFH)E80REC WI75/YMIYN/I73Y +IP.:XF74H \$FMF92YIM? QOR"71)):ANI91Y
):AL"Y/HE73M YA(AM:D71W. YAX:D.F75W00? 14 HIQ.FB:C70W. KUL:/KEM03
 W.95/\$:AMF80(W. MI71Y B/FHE73M HIG.I74YD)ET-)"92L.EH? Y:HWF74H):AH"B/O80W
 YA:(A&E70H XEP:C/OW03 B.:/BFBE80L W./Z:RO(O73W K.A&:D.I75YM00? 15):ANI71Y
):ANI91Y D.IB.A73R:T.IY)AP-Q:RF)TI92Y/W H:ABIY)OTI73Y/W W:/HIC:LI71YXA
 D.AR:K./O75W00? 16 QIR:B94W.)"L/A74Y \$IM:(W.-ZO81)T? LO70) M"/RO)\$03
 B.A/S."74TER D.IB.A80R:T.IY M"/("71T H:EYOWT/F73H. \$F74M)F92NIY? W:/(AT.F81H
):ADONF94Y Y:HWI91H \$:LFX/A73NIY W:/RW.X/O75W00 17 K.O75H)-FMA94R
 Y:HWF91H G.O)AL:/KF73 Q:DO74W\$ YI&:RF)"92L?):ANI63Y Y:HWF70H
):ELOHE33Y/KF03 M:LAM.ED:/KF74 L:/HOW(I80YL? MAD:RI75YK:/AKF73 B.:/DE71REK:
 T."L"75K:00 18 L71W.) HIQ:\$A73B:T.F L:/MIC:WOT/F92Y? WA/Y:HI70Y KA/N.FHFR03
 \$:LOWM/E80KF W:/CID:QFT:/KF73 K.:/GAL."71Y HA/Y.F75M00? 19 WA/Y:HI70Y
 KA/XOWL03 ZAR:(/E80KF W:/CE):ECF)"71Y M"(E73Y/KF K.I/M:(OTF92Y/W?
 LO75)-YIK.FR"94T W:75/LO)-YI\$.FM"91D \$:M/O73W MI/L.:/PFNF75Y00? 20 C:)74W.
 MI/B.FBEL02 B.IR:X74W. MI/K.A&:D.IYM01? B.:/QO74WL RIN.F81H HAG.I70YDW.
 HA\$:MI33Y(W.O3 ZO80)T? HOWCIY)73W/HF (AD-Q:C"74H HF)F92REC?)IM:R85W.
 G.F)A71L Y:HWF73H (AB:D./O71W YA:(AQO75B00? 21 W:/LO74) CFM:)81W.
 B.F/X:FRFBOWT03 HO75WLIYK/F80M? MA71YIM MI/C.73W.R HIZ.I74YL L/F92MOW?
 WA/Y.I63B:QA(-C80W.R WA/Y.FZU73BW. MF75YIM00? 22)"74YN \$FLO80WM)FMA71R
 Y:HWF73H LF/R:\$F(I75YM00 49 1 \$IM:(70W.)IY.IYM03)"L/A80Y W:/HAQ:\$I71YBW.
 L:)UM.I73YM M"/RFXO92WQ? Y:HWFH03 MI/B.E74+EN Q:RF)/F80NIY MI/M.:("71Y
)IM.I73Y HIZ:K.I71YR \$:M/I75Y00? 2 WA/Y.F70&EM P./IY03 K.:/XE74REB XAD.F80H
 B.:/C"71L YFD/O73W HEX:B.IY)/F92NIY? WA/Y:&IYM/"33NIY03 L:/X"74C B.FR80W.R
 B.:/A\$:P.FT/O73W HIS:T.IYR/F75NIY00? 3 WA/Y.O71)MER LI73Y (AB:D./IY)-F92T.FH
 YI&:RF)"85L):A\$ER-B.:/KF73)ET:P.F)F75R00? 4 WA):ANI70Y)FMA33R:T.IY03
 L:/RI74YQ YFGA80:(T.IY L:/TO71HW. W:/HE73BEL K.OX/I74Y KIL."92YTIY?)FK"N03
 MI\$:P.F+/I74Y)ET-Y:HWF80H W./P:(UL.FT/I73Y)ET-):ELOH/F75Y00? 5 W:/(AT.F74H05
)FMA74R Y:HWF81H YOC:R/I70Y MI/B.E33+EN03 L:/E74BED L/O80W? L:/\$OWB"70B
 YA75:(AQOB03)"LF80Y/W W:/YI&:RF)"73L **L/O74W Y)"FS"92P? W:/)EK.FB"D03
 B.:("YN"74Y Y:HWF80H W")LOH/A73Y HFYF71H (UZ./I75Y00? 6 WA/Y.O81)MER
 NFQ"63L MI75/H:YOWT:/KF71 L/IY03 (E80BED L:/HFQIYM03)ET-\$IB:+ "74Y
 YA:(AQO80B? **W./N:CW.R"71Y YI&:RF)"73L L:/HF\$I92YB W./N:TAT.I33Y/KF03
 L:/O74WR G.OYI80M? LI75/H:YO71WT Y:\$W.(FT/I73Y (AD-Q:C"71H HF)/F75REC00
 7 K.O74H)F75MAR-Y:HWFH04 G.O)"63L YI&:RF)"61L Q:DOW\$/O81W?
 LI/B:ZOH-NE61PE\$ LI/M:TF70("75B G.OYI03 L:/E74BED MO\$:LI80YM? M:LFKIYM03
 YIR:)74W. WF/QF80MW. &FRI73YM W:/YI75\$:T.AX:AW.92W.?j1 L:MA70(AN Y:HWFH03
):A\$E74R NE):EMF80N Q:DO71\$ YI&:RF)"73L WA/Y.IB:XFR/E75K.F00? 8 K.O74H05
)FMA74R Y:HWF81H? B.:("70T RFCOWN03 (:ANIYTI80Y/KF W./B:/YO71WM
 Y:\$W.(F73H (:AZAR:T.I92Y/KF? W:/)EC.FR:/KF81 W:/)ET.EN:/KF03 LI/B:RI74YT (F80M?

L:/HFQI74YM)E80REC L:/HAN:XI73YL N:XFLO71WT \$OM"MO75WT00? 9 L"/)MO70R
 LA75/):ASW.RIYM03 C"80)W. LA/):ASE71R B.A/XO73SEK: HIG.FL92W.?
 (AL-D.:RFKI74YM YIR:(80W. W./B:/KFL-\$.PFYI73YM MAR:(IYT/F75M00? 10 LO70)
 YIR:(F33BW.03 W:/LO74) YIC:MF80)W. W:/LO)-YAK./"71M \$FRF73B WF/\$F92MES?
 K.IY-M:RAX:AM/F74M Y:NAH:AG/"80M W:/AL-MAB.71W.(Y MA73YIM
 Y:NAH:AL/"75M00? 11 W:/&AM:T.I71Y KFL-HFR/A73Y LA/D.F92REK: W./M:SILO7A73Y
 Y:RUM75W.N00? 12 HIN."H-)"85L.EH M"/RFXO73WQ YFBO92)W.
 W:/HI75N."H-)"33L.EH03 MI/C.FPO74WN W./MI/Y.F80M W:/)"73L.EH? M"/)E71REC
 SIYNI75YM00? 13 RFN.70W. \$FMA33YIM03 W:/GI74YLIY)F80REC **W./PIC:X71W.
 HFR173YM RIN.F92H? K.I75Y-NIXA70M Y:HWFH03 (AM./O80W WA/(:ANIY.F73W
 Y:RAX"75M00 14 WA/T.O71)MER CIY.O73WN (:AZFB/A74NIY Y:HWF92H WA/)DONF73Y
 \$:K"X/F75NIY00? 15 H:A/TIS:K.A70X)IS.FH03 (W.L/F80H. M"/RAX"73M
 B.EN-B.I+:N/F92H.? G.AM-)"74L.EH TIS:K.A80X:NFH W:/)FNOKI73Y LO71)
)E\$:K.FX/"75K:00? 16 H"71N (AL-K.AP.A73YIM XAQ.OTI92Y/K: XOWMOTA71Y/IK:
 NEG:D./I73Y T.FMI75YD00? 17 MI75H:AR73W. B.FNF92Y/IK: M:HF75R:SA71Y/IK:
 W./MAX:ARIBA73Y/IK: MI/M./"71K: Y"C"75)W.00? 18 &:)I75Y-SFBI70YB ("YNA33Y/IK:03
 W./R:)I80Y K.UL./F73M NIQ:B.:C74W. BF75)W.-L/F92K: XAY-)F74NIY
 N:)UM-Y:HWF81H K.I70Y KUL./FM03 K.F/(:ADI74Y TIL:B.F80\$Y W.95/T:QA\$.RI73Y/M?
 K.A/K.AL.F75H00? 19 K.I70Y XFR:BOTA33Y/IK:03 W:/\$O74M:MOTA80Y/IK: W:/)E73REC
 H:ARI75SUT"92Y/K: K.I70Y (AT.FH03 T."C:RI74Y MI/Y.OV\$80B W:/RFX:AQ73W.
 M:BAL:.(F75Y/IK:00? 20 10(OWD YO)M:R74W. B:/)FZ:NA80Y/IK: B.:N"73Y
 \$IK.ULF92Y/IK: CAR-L/I71Y HA/M.FQO73WM G.:SFH-L./I71Y W:/)"\$75BFH00?
 21 W:/)FMA74R:T.: B.I/L:BFB/"81K: MI70Y YF75LAD-L/IY03)ET-)"80L.EH? WA/):ANI71Y
 \$:KW.LF73H W:/GAL:MW.DF92H G.OLF74H05 W:/SW.RF81H W:/)"33L.EH03 MI74Y
 GID."80L? H"70N):ANIY03 NI\$:)A74R:T.IY L:/BAD./I80Y)"73L.EH)"YPO71H H"75M00
 22 K.O75H-)FMA62R):ADONF74Y Y:HWI81H? HIN."63H)E&.F70))EL-G.OWYIM03
 YFD/I80Y W:/)EL-(AM.I73YM)FRI74YM NIS./I92Y? W:/H"BI70Y)W. BFNA33Y/IK:03
 B.:XO80CEN W./B:NOTA73Y/IK: (AL-K.FT"71P T.IN.F&E75)NFH00? 23 W:/HFY63W.
 M:LFKI61YM)O75M:NA81Y/IK: W:/&FRO75WT"Y/HEM03 M"YNI74YQOTA80Y/IK:?
)AP.A81YIM 10)EREC YIS:T.A74X:AWW. L/F80K: WA/(:APA71R RAG:LA73Y/IK:
 Y:LAX"92KW.? W:/YFDA33(AT.:03 K.I75Y-):ANI74Y Y:HWF80H):ASE71R
 LO75)-Y"BO73\$W. QOW/F75Y00 24 H:A/YUQ.A71X MI/G.IB.O73WR MAL:QO92WXA
 W:/)IM-\$.BI71Y CAD.I73YQ YIM.FL"75+00? 25 K.IY-KO74H05)FMA74R Y:HWF81H?
 G.AM-\$.BI70Y GIB.OWR03 YUQ.F80X W./MAL:QO71WXA (FRI73YC YIM.FL"92+?
 W:/)ET-Y:RIYB/"K:03)FNOKI74Y)FRI80YB W:/)ET-B.FNA73Y/IK:)FNOKI71Y
)OW\$175Y(A00? 26 W:/HA):AKAL:T.I70Y)ET-MOWNA33Y/IK:03)ET-B.:&R/F80M
 W:/KE/(FSI73YS D.FM/F74M YIS:K.FR92W.N? W:/YFD:(74W. KFL-B.F&F81R K.I74Y
):ANI70Y Y:HWFH03 MO75W\$YI("80K: W:/GO):AL/"73K:):ABI71YR YA(:AQO75B00
50 1 K.O74H05)FMA74R Y:HWF81H?)"74Y 14ZEH S"74PER K.:RIYT70W.T)IM./:KEM03
):ASE74R \$IL.AX:T.I80Y/HF? 10)OW MI74Y MI/N.OV\$/A80Y):ASER-MFKA71R:T.IY
)ET:/KE73M L/O92W? H"70N B.A/(:AWONO75T"Y/KEM03 NIM:K.AR:T.E80M
 W./B:/PI\$:(Y/KE73M \$UL.:XF71H)IM./:KE75M00? 2 MAD.63W.(A B.F61)T/IY W:/)"74YN
)I81Y\$ QFRF75)T/IY02)3 W:/)"74YN (OWNEH01? H:A/QFCO63WR QFC:RF70H YFD/IY03
 MI/P.:D80W.T W:/)IM-)"75YN-B./I71Y KO73XA L:/HAC.I92YL? H"74N B.:GA/(:ARFT/I62Y
)AX:ARI74YB YF81M)F&I70YM N:HFROWT03 MID:B.F80R? T.IB:)A70\$ D.:GFT/FM03
 M"/)"74YN MA80YIM W:/TFMO73T B.A/C.FMF75)00? 3)AL:B.I71Y\$ \$FMA73YIM
 QAD:R92W.T W:/&A73Q)F&I71YM K.:SW.T/F75M00 4):ADONF74Y Y:HOWI81H
 NF70TAN L/IY03 L:\$O74WN LIM.W.DI80YM? LF/DA91(AT LF/(71W.T)ET-YF("73P
 D.FBF92R YF(I74YR05? B.A/B.O74QER B.A/B.O81QER YF(I71YR L/IY03)O80ZEN
 LI/\$:MO73(A K.A/L.IM.W.DI75YM00? 5):ADONF70Y Y:HWIH03 P.FTA75X-L/I74Y
)O80ZEN? W:/)FNOKI73Y LO74) MFR192YTIY)FXO73WR LO71) N:SW.GO75TIY00?
 6 G."W/IY03 NFTA74T.IY L:/MAK.I80YM W./L:XFY/A73Y L:/MO75R:+I92YM? P.FN/AY03
 LO74) HIS:T.A80R:T.IY MI/K.:LIM.O73WT WF/RO75Q00? 7 WA/)DONF70Y Y:HWIH03
 YA75(:AZFR-L/I80Y (AL-K."73N LO74) NIK:LF92M:T.IY? (AL-K."62N &A70M:T.IY
 PFN/AY03 K.A75/XAL.FMI80Y\$ WF/)"DA73(K.IY-LO71))"BO75W\$00? 8 QFROWB03
 MAC:D.IYQ/I80Y MI75Y-YFRI71YB)IT./I73Y NA74(AM:DFH Y.F92XAD?
 MI75Y-BA71(AL MIS:P.F+/I73Y YIG.A71\$)"L/F75Y00? 9 H"74N):ADONF70Y Y:HWIH03

YA75:(AZFR-L/I80Y MIY-H73W.) YAR:\$IY(/"92NIY? H"70N K.UL./FM03 K.A/B.E74GED
 YIB:L80W. (F73\$ YO)K:L/"75M00? 10 MI70Y B/FKEM03 Y:R"74) Y:HWF80H SOM"73(A
 B.:/QO74WL (AB:D./O92W?):A\$E74R05 HFLA74K: X:A\$"KI81YM W:/)"71YN
 NO33GAH.03 L/O80W? YIB:+AX03 B.:/\$"74M Y:HWF80H W:/YI\$.F("73N
 B./)LOHF75Y/W00? 11 H"94N K.UL./:KE91M QO71D:X"Y)"73\$ M:)AZ.:R"74Y
 ZIYQO92WT? L:K74W.05 B.:/74W.R)E\$/:KE81M W./B:/ZIYQOWT03 B.I75(AR:T.E80M?
 MI/Y.FD/IY03 HFY:TFH-Z.O74)T L/FKE80M L:/MA:(AC"BF73H T.IS:K.FB75W.N00
51 1 \$IM:(71W.)L/A91Y RO71D:P"Y CE73DEQ M:BAQ:\$"74Y Y:HWF92H?
 HAB.I33Y+W.03)EL-C74W.R XUC.AB:T.E80M W:/)EL-MAQ.E71BET B.O73WR
 NUQ.AR:T.E75M00? 2 HAB.I33Y+W.03)EL-)AB:RFHF74M):ABIY/KE80M
 W:/)EL-&FRF73H T.:XOWLEL/:KE92M? K.IY-)EXF74D Q:RF)TI80Y/W
 WA/):ABFR:K/"73HW. W:/)AR:B./"75HW.00 3 K.I75Y-NIXA63M Y:HWF61H CIY.O81WN
 NIXAM03 K.FL-XFR:BOTE80Y/HF? WA/Y.F70&EM MID:B.FR/FH.03 K.:("80DEN
 W:/)AR:BFT/F73H. K.:GAN-Y:HWF92H? &F&O70WN W:/&IM:XFH03 YIM.F74C")
 B/F80H. T.OWDF73H W:/QO71WL ZIM:RF75H00 4 HAQ:\$I70YBW.)L/AY03 (AM./I80Y
 W./L:)W.M./I73Y)L/A74Y HA):AZI92YNW.? K.I70Y TOWRFH03 M"/)IT./I74Y T"C"80)
 W./MIS:P.F+/I80Y L:/O71WR (AM.I73YM?)AR:G.I75Y(A00 5 QFRO70WB CID:Q/IY03
 YFCF74) YI\$:(/I80Y W./Z:RO(/A73Y (AM.I74YM YI\$:P.O92+W.?)L/AY03)IY.I74YM
 Y:QAW.80W. W:/)EL-Z:RO(/I73Y Y:YAX"L75W.N00? 6 &:W.04 LA/\$.FMA63YIM
 ("75YN"Y/KE61M W:/75/HAB.I94Y+W.)EL-HF/)F74REC MI/T.A81XAT?
 K.I75Y-\$FMA61YIM K.E/(F\$F70N NIM:LF33XW.03 W:/HF/)F33REC03 K.A/B.E74GED
 T.IB:LE80H W:/YOS:BE73Y/HF K.:MOW-"K"74N Y:MW.T92W.N? WI/Y\$75W.(FT/IY03
 L:/)OWLF74M T.I75H:YE80H W:/CID:QFT/I73Y LO71) T"XF75T00 7 \$IM:(70W.)L/AY03
 YO74D:(Y CE80DEQ (A73M T.OWRFT/I74Y B:/LIB./F92M?)AL-T.I75YR:)W.03
 XER:P.A74T):ENO80W\$ W./MI/G.ID.UPOT/F73M)AL-T."XF75T.W.00? 8 K.I70Y
 KA/B.E33GED03 YO)K:L/"74M (F80\$ W:/KA/C.E73MER YO)K:L/"74M SF92S?
 W:/CID:QFT/IY03 L:/)OWLF74M T.I75H:YE80H WI/Y\$W.(FT/I73Y L:/DO71WR
 D.OWRI75YM00 9 (W.RI63Y (W.RI70Y LIB:\$IY-(OZ03 Z:RO74W(A Y:HWF80H? 10(W.RIY
 K.I74/YM"Y QE80DEM D.ORO73WT (OWLFMI92YM? H:A/LO71W))AT.:HI91Y)
 HA/M.AX:CE71BET RA73HAB M:XOWLE71LET T.AN.I75YN00? 10 H:A/LO70W)
)AT.:HIY)03 HA/M.AX:ARE74BET YF80M M"73Y T.:HO74WM RAB.F92H?
 HA/&.F33MFH03 MA75(:AMAQ."Y-YF80M D.E73REK: LA/(:ABO71R G.:)W.LI75YM00?
 11 W./P:DW.Y"63Y Y:HWF61H Y:\$W.B81W.N W./BF70)W. CIY.OWN03 B.:RIN.F80H?
 W:/&IM:XA71T (OWLF73M (AL-RO)\$/F92M &F&O70WN W:/&IM:XFH03 YA&.IYG80W.N
 NF73SW. YFGO71WN? WA/):ANFXF75H00 12)FNOKI94Y)FNOKI91Y H73W.)
 M:NAXEM/:KE92M? MI75Y-)A70T.: WA/T.I75YR:)IY03 M"/):ENO74W\$ YFM80W.T
 W./MI/B.EN-)FDF73M XFCI71YR YIN.FT"75N00? 13 WA/T.IS:K.A62X Y:HWF74H
 (O&/E81KF NOW+E74H \$FMAYIM02? W:/YOS"74D)FREC01 WA/T.:PAX"63D
 T.FMI61YD]3 K.FL-HA/Y.O81WM? MI/P.:N"Y03 X:AMA74T HA/M."CI80YQ K.A/):A\$E71R
 K.OWN"73N L:/HA\$:XI92YT W:/)AY."73H X:AMA71T HA/M."CI75YQ00? 14 MIHA71R
 CO(E73H L:/HIP.FT"92XA W:/LO)-YFM74W.T LA/\$.A80XAT W:/LO71) YEX:SA73R
 LAX:M/O75W00? 15 W:/)F75NOKIY03 Y:HWF74H):ELOHE80Y/KF ROGA74(HA/Y.F80M
 WA/Y.EH:EM73W. G.AL.F92Y/W? Y:HWF71H C:BF)O73WT \$:M/O75W00?
 16 WF/)F&I70YM D.:BFR/AY03 B.:PI80Y/KF W./B:/C"71L YFD/I73Y K.IS.IYTI92Y/KF?
 LI/N:+O70(A \$FMA33YIM03 W:/LI/YSO74D)F80REC W:/L"/)MO71R L:/CIY.O73WN
 (AM./IY-)F75T.FH00 17 HIT:(OWR:RI74Y HI75T:(OWR:RI81Y 10QW.MIY
 Y:R74W.\$FLA80IM?):A\$E71R \$FTI91YT MI/Y.A71D Y:HWF73H)ET-K.O74WS
 X:AMFT/O92W?)ET-QUB.A61(AT K.O94WS HA/T.AR:(LF91H \$FTI73YT MFCI75YT00?
 18)"YN-M:NAH"74L L/F80H. MI/K.FL-B.FNI73YM YFLF92DFH? W:/)"70YN
 MAX:AZIYQ03 B.:YFD/F80H. MI/K.FL-B.FNI73YM G.ID."75LFH00? 19 \$:T.A70YIM
 H"33N.FH03 QO75R:)OTA80Y/IK: MI73Y YFN74W.D L/F92K:? HA/\$.O94D
 W:/HA/\$.E91BER W:/HF/RF(F71B W:/HA/XE73REB MI71Y):ANAX:AM/"75K:00?
 20 B.FNA61Y/IK: (UL.:P71W. \$FK:B91W. B.:RO71)\$ K.FL-XW.CO73WT K.:TO74W)
 MIK:MF92R? HA75/M:L")I71YM X:AMAT-Y:HWF73H G.A:(ARA71T):ELOHF75Y/IK:00?
 21 LF/K"91N \$IM:(IY-NF71) ZO73)T (:ANIY.F92H W./\$:KURA73T W:/LO71) MI/Y.F75YIN00
 22 K.O75H-)FMA62R):ADONA74Y/IK: Y:HWF81H W"/)LOHA33Y/IK:03 YFRI74YB
 (AM./O80W? HIN."71H LFQA91X:T.IY MI/Y.FD/"73K:)ET-K.O74WS HA/T.AR:(LF92H?

)ET-QUB.A33(AT03 K.O74WS X:AMFT/I80Y LO)-TOWSI71YPIY LI:\$:T.OWT/F73H.
 (O75WD00? ²³ W:/&AM:T.I33Y/HF03 B.:YAD-MOWGA80Y/IK:?)A\$ER-)FM:R71W.
 L:/NAP:\$/"73K: \$:XI74Y W:/NA:(ABO92RFH? WA/T.F&I70YMIY KF)/F33REC03
 G."W/"80K: W:/KA/X73W.C LA/(OB:RI75YM00 **52** ₁ (W.RI71Y (W.RI91Y LIB:\$I71Y
 (UZ./"73K: CIY.O92WN? LIB:\$I74Y05 B.IG:D"74Y TIP:)AR:T/"81K: Y:RW.\$FLA33IM03
 (I74YR HA/Q.O80DES? K.I74Y LO71) YOWSI91YP YFBO)-B/F71K: (O73WD (FR"71L
 W:/+FM"75)00? ² HIT:NA:(ARI94Y M"/(FPF91R Q71W.MIY \$.:BI73Y Y:R75W.\$FLF92IM?
 **HI75T:P.AT.:XIY03 MOWS:R"74Y CAW.F)/R/"80K: \$:BIY.F73H B.AT-CIY.O75WN00
³ K.I75Y-KOH03)FMA74R Y:HWF80H XIN.F73M NIM:K.AR:T.E92M W:/LO71)
 B:/KE73SEP T.IG.F)"75LW.00? ⁴ K.I74Y KO70H)FMAR03):ADONF74Y Y:HWI80H
 MIC:RA91YIM YF75RAD-(AM./I71Y BF/RI75)\$ONF73H LF/G74W.R? \$F92M W:/)A\$.73W.R
 B.:)E71PES (:A\$FQ/O75W00 ⁵ W:/(AT.F70H **MAH-L./Y-POH03 N:)UM-Y:HWF80H?
 K.I75Y-LUQ.A71X (AM./I73Y XIN.F92M **MO\$:LF70Y/W Y:H"YLI33YLW.03
 N:)UM-Y:HWF80H W:/TFMI71YD K.FL-?HA/Y.O73WM \$:M/I71Y MIN.O)F75C00
⁶ LF/K"91N Y"DA71((AM./I73Y \$:M/I92Y LF/K"N03 B.A/Y.O74WM HA/H80W.)?
 K.I75Y-):ANIY-H71W.) HA75/M:DAB."73R HIN./"75NIY00? ⁷ MAH-N.F)W63W.
 (AL-HE/HFRI61YM RAG:L"74Y M:BA&."81R? MA\$:MI94Y(A \$FLO91WM M:BA&."71R
 +O73WB MA\$:MI74Y(A Y:\$W.(F92H?)OM"71R L:/CIY.O73WN MFLA71K:
):ELOHF75Y/IK:00? ⁸ QO71WL COPA91Y/IK: NF71&:JW. QO73WL YAX:D.F74W
 Y:RAN."92NW.? K.I74Y (A70YIN B.:/A33YIN03 YIR:~80W. B.:\$71W.B Y:HWF73H
 CIY.O75WN00? ⁹ P.IC:X70W. RAN.:NW.03 YAX:D.F80W XFR:BO73WT Y:RW.\$FLF92IM?
 K.I75Y-NIXA70M Y:HWFH03 (AM./O80W G.F)A73L Y:RW.\$FLF75IM00? ¹⁰ XF&A70P
 Y:HWFH03)ET-Z:RO74W(A QFD:\$/O80W L:/("YN"73Y K.FL-HA/G.OWYI92M?
 W:/RF)W.03 K.FL-)AP:S"Y-)F80REC)"73T Y:\$W.(A71T):ELOH"75Y/NW.00 ¹¹ S70W.RW.
 S33W.RW.03 C:)74W. MI/\$.F80M +FM"73))AL-T.IG.F92(W.? C:)74W. MI/T.OWK/F80H.
 HIB.F85RW. NO&:"73Y K.:L"71Y Y:HWF75H00? ¹² K.I74Y LO70) B:/XIP.FZOWN03
 T."C"80)W. W./BI/M:NW.SF73H LO74) T"L"K92W.N? K.I75Y-HOL"70K: LIP:N"Y/KEM03
 Y:HWF80H W./M:)AS.IP:/KE73M):ELOH"71Y YI&:RF)"75L00 ¹³ HIN."71H YA&:K.I73YL
 (AB:D./I92Y YFR94W.M W:/NI&F91) W:/GFBA73H. M:)O75D00? ¹⁴ K.A):A\$E63R
 \$FM:M70W. (FLE33Y/KF03 RAB.I80YM? K."N-MI\$:XA71T M"/)I73Y\$ MAR:)/"92HW.
 W:/TO):AR/O73W MI/B.:N"71Y)FDF75M00? ¹⁵ K."70N YAZ.EH03 G.OWYI74M RAB.I80YM
 (FLF91Y/W YIQ:P.:C71W. M:LFKI73YM P.IY/HE92M? 14K.IY):A\$E63R LO75)-SUP.A70R
 L/FHEM03 RF)80W. WA):A\$E71R LO75)-\$FM:(73W. HIT:B.OWNF75NW.00? **53** ₁ MI71Y
 HE):EMI73YN LI:\$:MU(FT/"92NW. W./Z:RO71W(A Y:HWF73H (AL-MI71Y
 NIG:LF75TFH00? ² WA/Y.A63(AL K.A/Y.OWN"61Q L:/PFNF81Y/W W:/KA/\$.O33RES03
 M"/)E74REC CIY.F80H? LO)-TO71)AR L/O73W W:/LO74) HFDF92R W:/NIR:)/"71HW.
 W:/LO75)-MAR:)E73H W:/NEX:M:D/"75HW.00? ³ NIB:ZEH03 WA/X:ADA74L)IY\$I80YM
)I71Y\$ MAK:)OBO73WT WI/YD74W.(A XO92LIY? W./K:/MAS:T."70R P.FNIYM03
 MI/M./E80N.W. NIB:ZE73H W:/LO71) X:A\$AB:NU75/HW.00? ⁴)FK"70N X:FLFY/"33NW.03
 H74W.) NF&F80) W./MAK:)OB"73Y/NW. S:BFL/F92M? WA):ANA74X:NW.
 X:A\$AB:NU80/HW. NFG91W.(A MUK."71H):ELOHI73YM W./M:(UN.E75H00? ⁵ W:/HW.)03
 M:XOLF74L MI/P.:\$F(/"80NW. M:DUK.F73) M"/(:AWONOT"92Y/NW.? MW.SA70R
 \$:LOWM/"33NW.03 (FLF80Y/W W./BA/X:ABURFT/O73W NIR:P.F)-L/F75NW.00?
⁶ K.UL/F33NW.03 K.A/C.O74)N T.F(I80YNW.)I71Y\$ L:/DAR:K./O73W P.FNI92YNW.?
 WA75/YHWFH03 HIP:G.I74Y(A B./O80W)"73T (:AWO71N K.UL/F75NW.00? ⁷ NIG.A63&
 W:/H74W.) NA:(ANEH02 W:/LO74) YIP:T.AX-P.IY/W01? K.A/&.EH03 LA/+E74BAX
 YW.BF80L W./K:/RFX"85L LI/P:N"71Y GOZ:ZE73Y/HF NE):ELF92MFH? W:/LO71)
 YIP:T.A73X P.I75Y/W00? ⁸ M"/(O70CER W./MI/M.I\$:P.F+03 LUQ.F80X
 W:/)ET-D.OWR/O73W MI74Y Y:&OWX"92XA? K.I70Y NIG:ZAR03 M"/)E74REC
 XAY.I80YM MI/P.E71\$A((AM./I73Y NE71GA(L/F75MOW00? ⁹ WA/Y.IT."70N
)ET-R:\$F(IYM03 QIB:R/O80W W:/)ET-(F\$I73YR B.:/MOTF92Y/W? 10(AL LO)-XFMF74S
 (F&F80H W:/LO71) MIR:MF73H B.:/PI75Y/W00? ¹⁰ WA/YHWF62H XFP"70C D.AK:)/OW03
 HE75X:ELI80Y)IM-T.F&I70YM)F\$FM03 NAP:\$/O80W? YIR:~E71H ZE73RA(
 YA):ARI74YK: YFMI92YM W:/X"71PEC Y:HWF73H B.:/YFD/O71W YIC:LF75X00?
¹¹ M"/(:AMA70L NAP:\$/OW03 YIR:~E74H YI&:B.F80(B.:/DA:(T./O81W? YAC:D.I71YQ
 CAD.I91YQ (AB:D./I73Y LF75/RAB.I92YM WA/(:AWONOT/F73M H71W.) YIS:B.O75L00?
¹² LF/K"62N):AXAL.EQ-L/O74W BF/RAB.I81YM W:/)ET-(ACW.MIYM02 Y:XAL."74Q

\$FLFL01? T.A81XAT):A\$E63R HE(:ERF70H LA/M.F33WET03 NAP:\$/O80W
 W:/)ET-P.O\$:(I73YM NIM:N92H? W:/HW.)03 X"+:)-RAB.I74YM NF&F80)
 W:/LA.P.O\$:(I73YM YAP:G.I75Y(A00 54 1 RFN.I71Y (:AQFRF73H LO74) YFLF92DFH
 P.IC:XI63Y RIN.F70H W:/CAH:ALIY03 LO)-XF80LFH? K.I75Y-RAB.I94YM
 B.:75N"Y-\$OWM"MF91H MI/B.:N"71Y B:(W.LF73H)FMA71R Y:HWF75H00?
 2 HAR:XI74YBIY05 M:QO74WM)FH:FL/"81K: WI/YRIY(O94WT MI\$:K.:NOWTA91Y/IK:
 YA+.73W.)AL-?T.AX:&O92KIY? HA):ARI33YKIY03 M"75YTFRA80Y/IK:
 WI/YT"DOTA73Y/IK: XAZ."75QIY00 3 K.IY-YFMI71YN W:/&:MO73)WL? T.IP:RO92CIY?
 W:/ZAR:(/"K:03 G.OWYI74M YIYRF80\$ W:(FRI71YM N:\$AM.O73WT YOW\$175YBW.00?
 4)AL-T.I75YR:)IY03 K.IY-LO74) T"BO80W\$IY W:/)AL-T.IK.FL:MI73Y K.I74Y LO74)
 TAX:P.I92YRIY? K.I74Y BO70SET (:ALW.MA33Y/IK:03 T.I\$:K.F80XIY W:/XER:P.A71T
)AL:M:NW.TA73Y/IK: LO71) TIZ:K.:RIY-?(O75WD00? 5 K.I70Y BO:(ALA33Y/IK:03
 (O&A80Y/IK: Y:HWF71H C:BF)O73WT \$:M/O92W? W:/GO75):AL/"K:03 Q:DO74W\$
 YI&:RF)"80L)E:LOH"71Y KFL-HF/)F73REC YIQ.FR"75)00? 6 K.I75Y-K:)/I\$.F94H
 (:AZW.BF91H WA/(:AC71W.BAT R73W.XA Q:RF)/F74K: Y:HWF92H? W:/)94\$ET
 N:(W.RI91YM K.I71Y TIM.F)"73S)FMA71R):ELOHF75Y/IK:00? 7 B.:RE71GA(QF+O73N
 (:AZAB:T.I92Y/K: W:/B:/RAX:AMI71YM G.:DOLI73YM):AQAB.:C/"75K:00? 8 B.:\$E74CEP
 QE81CEP HIS:T.A63R:T.IY PFN/A71Y RE33GA(03 MI/M./"80K:?. W:/B:/XE71SED
 (OWLF73M RI75XAM:T.I92Y/K:)FMA71R G.O):AL/"73K: Y:HWF75H00 9 K.IY-M"71Y
 NO33XA03 ZO74)T L/I80Y?):A\$E74R NI\$:B.A81(:T.IY M"/(:ABO71R M"Y-NO91XA
 (O73WD (AL-HF)/F92REC? K."71N NI\$:B.A91(:T.IY MI/Q:CO71P (FLA73Y/IK:
 W:/MI/G.:(FR-B./F75K:00? 10 K.I70Y HE75/HFRIYM03 YFM80W.\$W. W:/HA/G.:BF(O73WT
 T.:MW.+E92NFH? W:/XAS:D./I62Y M"/)IT./"74K: LO75)-YFM81W.\$ W:/B:RI70YT
 \$:LOWM/IY03 LO74) TFM80W.+?)FMA71R M:RAX:AM/"73K: Y:HWF75H00
 11 (:ANIY.F71H SO:(ARF73H LO74) NUXF92MFH? HIN."63H)FNOKI61Y MAR:B.I70YC
 B.A/P.W.K:03)ABFNA80Y/IK: WI/YSAD:T.I73Y/K: B.A/S.AP.IYRI75YM00?
 12 W:/&AM:T.I70Y K.A75D:KOD03 \$IM:\$OTA80Y/IK: W:/\$(FRA73Y/IK: L:/)AB:N"74Y
)EQ:D.F92X? W:/KFL-G.:BW.L/"73K: L:/)AB:N"Y-X"75PEC00 13 W:/KFL-B.FNA73Y/IK:
 LIM.W.D"74Y Y:HWF92H? W:/RA73B \$:LO71WM B.FNF75Y/IK:00 14 B.I/C:DFQF73H
 T.IK.OWNF92NIY? RAX:AQI70Y M"/(O33\$EQ03 K.I75Y-LO74) TIYRF80)IY
 W:/MI63/M.:XIT.F80H K.I71Y LO75)-TIQ:RA73B)"LF75Y/IK:00? 15 H"74N G.O71WR
 YFG91W.R)E73PES M"75/)OWT/I92Y MIY-GF71R)IT./F73K: (FLA71Y/IK: YIP.O75WL00?
 16 **HIN."70H)F75NOKIY03 B.FRF74)TIY XFRF80\$ NOP"33XA03 B.:)"74\$ P.EXF80M?
 W./MOWCI71Y) K:LI73Y L:/MA:(A&/"92HW. W:/)FNOKI91Y B.FRF71)TIY MAS:XI73YT
 L:/XAB."75L00? 17 K.FL-K.:LI62Y YW.CA70R (FLA33Y/IK:03 LO74) YIC:LF80X?
 W:/KFL-LF\$O91WN T.F75QW.M)-IT./F71K:|1 LA/M.I\$:P.F73+ T.AR:\$I92Y(IY? ZO83)T
 NAX:ALAT04 (AB:D"63Y Y:HWF94H W:/CID:QFT/F91M M"/)IT./I73Y
 N:)UM-Y:HWF75H00 55 1 HO70WY K.FL-CFM)"03 L:K74W. LA/M.A80YIM WA/):A\$E71R
)"75YN-L/O73W K.F92SEP L:K70W.? \$IB:RW.03 WE75):EKO80LW. W:/L:K74W.
 \$IB:R81W. B.:/LOW)-KE91SEP W:/B:/LO71W) M:XI73YR YA71YIN? W:/XFLF75B00?
 2 LF70/M.FH TI\$:Q:LW.-KE33SEP03 B.:75/LOW)-LE80XEM WI/YGIY(/:AKE73M
 B.:/LO74W) L:/&FB:(F92H? \$IM:(63W. \$FMO70W(A)"L/AY03 W:/)IK:LW.-+O80WB
 W:/TIT:(AN.A71G B.A/D.E73\$EN NAP:\$/:KE75M00? 3 HA+.70W.)FZ:N:/KEM03
 W:/L:K74W.)"L/A80Y \$IM:(73W. W:/T:XI74Y NAP:\$/:KE92M? W:/)EK:R:TF70H L/FKEM03
 B.:RI74YT (OWLF80M XA75S:D"71Y DFWI73D HA/N.E):EMFNI75YM00? 4 H"91N ("71D
 L:)W.M.I73YM N:TAT.I92Y/W NFGI71YD W./M.CAW."73H L:)UM.I75YM00? 5 H"74N
 G.O70WY LO75)-T"DA(03 T.IQ:RF80) W:/GO71WY LO75)-Y:DF(73W./KF)"LE74Y/KF
 YFR92W.CW.? L:MA33(AN03 Y:HWF74H):ELOHE80Y/KF W:/LI/Q:DO71W\$ YI&:RF)"73L
 K.I71Y P"):AR/F75K:00 6 D.IR:\$71W. Y:HWF73H B.:/HIM.FC:)/O92W Q:RF)U73/HW.
 B.I75/H:YOWT/O71W QFRO75WB00? 7 YA:(AZO70B RFSF(03 D.AR:K./O80W W:/)I71Y\$
)F73WEN MAX:\$/:BOTF92Y/W? W:/YF\$O70B)EL-Y:HWFH03 WI75/YRAX:AM/"80HW.
 W:/)EL-):ELOH"73Y/NW. K.I75Y-YAR:B.E71H LI/S:LO75WXA00? 8 K.I74Y LO70)
 MAX:\$/:BOWT/AY03 MAX:\$/:BO74WT"Y/KE80M W:/LO71) DAR:K"Y/KE73M D.:RFK/F92Y
 N:)U73M Y:HWF75H00? 9 K.I75Y-GFB:H71W. \$FMA73YIM M"/)F92REC K."74N
 G.FB:H70W. D:RFK/AY03 MI/D.AR:K"Y/KE80M W:/MAX:\$/:BOT/A73Y?
 MI/M.AX:\$/:BOT"Y/KE75M00? 10 K.I83Y K.A/):A\$E74R Y"R"D04 HA/G.E63\$EM
 W:/HA/.\$E61LEG MIN-HA/.\$FMA81YIM? W:/F33M./FH03 LO74) YF\$80W.B 10K.IY

HIR:WF74H)ET-HF/)F80REC? W:/HOWLIYD/F73H. W:/HIC:MIYX/F92H. W:/NF70TAN
ZE33RA(03 LA/Z.OR"80(A W:/LE73XEM LF/)OK"75L00? ¹¹ K."74N YI75H:YE70H
D:BFR/IY03):A\$E74R Y"C"74) MI/P./I80Y LO75)-YF\$71W.B)"L/A73Y R"YQ/F92M?
K.I70Y)IM-(F&FH03)ET-):A\$E74R XFPA80C:T.IY W:/HIC:LI73YXA):A\$E71R
\$:LAX:T.I75Y/W00? ¹² K.I75Y-B:/&IM:XF74H T"C"80)W. W./B:/\$FLO73WM
T.75W.BFL92W.N? HE/HFRI74YM W:/HA/G.:BF(O81WT YIP:C:X70W. LI/P:N"Y/KEM03
RIN.F80H W:/KFL-(AC"71Y HA/&.FDE73H? YIM:X:A)W.-KF75P00? ¹³ T.A70XAT
HA75/N.A:(ACW.C03 YA:(ALE74H B:RO80W\$ **W:/TA71XAT HA/S.IR:P.A73D
YA:(ALE74H H:ADA92S? W:/HFYF70H LA75/YHWFH03 L:/"80M L:/)O71WT (OWLF73M
LO71) YIK.FR"75T00 **56** ¹ 10K.OH)FMA74R Y:HWF80H \$IM:R71W. MI\$:P.F73+
WA/(:A&74W. C:DFQF92H? K.I75Y-Q:ROWBF70H Y:\$75W.(FT/IY03 LF/BO80W)
W:/CID:QFT/I73Y L:/HIG.FLO75WT00? ²)A\$:R"70Y):ENOW\$03 YA:(A&EH-Z.O80)T
W./BEN-)FDF73M YAX:AZI74YQ B./F92H.? \$OM"70R \$AB.FT03 M"75/XAL.:L/O80W
W:/\$OM"71R YFD/O73W M"/(:A&O71WT K.FL-RF75(00 ³ W:/)AL-YO)MA74R
B.EN-HA/N."KF81R HA/N.IL:WF70H)EL-Y:HWFH03 L"/)MO80R? HAB:D."94L
YAB:D.IYL/A91NIY Y:HWF73H M"/(A74L (AM./O92W? W:/)AL-YO)MAR03
HA/S.FRI80YS H"71N):ANI73Y ("71C YFB"75\$00 ⁴ K.IY-KO74H05)FMA74R Y:HWF81H?
LA/S.F75RIYSIYM03):A\$E70R YIS:M:RW.03)ET-\$AB.:TOWT/A80Y? W./BF75X:AR73W.
B.A):A\$E74R XFPF92C:T.IY W./MAX:AZIYQI73YM B.I/B:RIYT/I75Y00? ⁵ W:/NFTAT.I63Y
L/FHE61M B.:B"YT/I70Y W./B:XO75WMOT/AY03 YF74D WF/"80M +O73WB
MI/B.FNI74YM W./MI/B.FNO92WT? \$"70M (OWLFM03)ET.EN-L/O80W):A\$E73R LO71)
YIK.FR"75T00 ⁶ W./B:N"74Y HA/N."KF81R HA/N.IL:WI70YM (AL-Y:HWFH03?
L:/SF74R:T/O80W W.95/L:/)AH:ABFH03)ET-\$"74M Y:HWF80H LI/H:YO71WT L/O73W
LA/(:ABFDI92YM? K.FL-\$OM"70R \$AB.FT03 M"75/XAL.:L/O80W W./MAX:AZIYQI73YM
B.I/B:RIYT/I75Y00? ⁷ WA/H:ABIY)OWTI62YM)EL-HA74R QFD:\$/I81Y
W:/&IM.AX:T.IYM03 B.:B"74YT T.:PIL.FT/I80Y? (OWLOT"Y/HE94M W:/ZIB:X"Y/HE91M
L:/RFCO73WN (A75L-MIZ:B.:X/I92Y? K.I74Y B"YT/I80Y B."YT-T.:PIL.F71H YIQ.FR"73)
L:/KFL-HF/(AM.I75YM00? ⁸ N:JUM03):ADONF74Y Y:HWI80H M:QAB."73C NID:X"74Y
YI&:RF)"92L? (O91WD):AQAB."71C (FLF73Y/W L:/NIQ:B.FCF75Y/W00? ⁹ K.O73L
XAY:TO74W &FDF92Y)"TF85YW. LE/):EKO71L K.FL-XAY:TO73W B.A/Y.F75(AR00
¹⁰ **COPF62Y/W (IW:RI70YM K.UL./FM03 LO74) YFDF80(W.? K.UL./FM03 K.:LFB174YM
)IL.:MI80YM LO71) YW.K:L73W. LI/N:B.O92XA? HOZIYM03 \$O75K:BI80YM)OH:AB"73Y
LF/N75W.M00? ¹¹ W:/HA/K.:LFB174YM (AZ."Y-NE81PE\$ LO70) YF75D:(W.03 &FB:(F80H?
W:/H"74M.FH RO(I80YM LO71) YFD:(73W. HFB192YN? K.UL./FM03 L:/DAR:K./F74M
P.FN80W.)I71Y\$ L:/BIC:/O73W MI/Q.FC/"75HW.00? ¹²)"TF71YW.)EQ:XFH-YA73YIN
W:/NIS:B.:)F74H \$"KF92R? W:/HFYF70H KF/ZEH03 YO74WM MFXF80R G.FDO73WLJ3
YE71TER M:)O75D00? **57** ¹ HA/C.AD.I74YQ)FBF80D W:/)71YN)I73Y\$ &F74M
(AL-L"92B? W:/)AN:\$"Y-XE70SED NE75):ESFPIYM03 B.:/)74YN M"BI80YN?
K.I75Y-MI/P.:N"71Y HF/RF(F73H NE):ESA71P HA/C.AD.I75YQ00 ² YFBO74W)
\$FLO80WM? YFN73W.XW. (AL-MI\$:K.:BOWT/F92M HOL"73K: N:KOX/O75W00?
³ W:/)AT.E71M QIR:BW.-H"73N./FH B.:N"74Y (ON:NF92H? ZE71RA(M:NF)"73P
WA/T.IZ:NE75H00 ⁴ (AL-MIY03 T.IT:(AN.F80GW.? (AL-MI91Y T.AR:XI71YBW. PE73H
T.A):ARI74YKW. LF\$O92WN? H:A/LO75W-)AT.E71M YIL:D"Y-PE73\$(ZE71RA(
\$F75QER00? ⁵ HA/N."75XFMIYM03 B.F75)"LI80YM T.A73XAT K.FL-("74C RA:(ANF92N?
SOX:A+"70Y HA/Y:LFDIYM03 B.A.N.:XFLI80YM T.A73XAT S:(IP"71Y
HA/S.:LF(I75YM00? ⁶ B.:XAL.:Q"Y-NA74XAL XEL:Q/"80K: H"71M H"73M
G.OWRFL/"92K: G.AM-L/FHE62M \$FPA71K:T.: NE33SEK:03 HE:(ELI74YT MIN:XF80H?
HA71/(AL)"73L.EH)EN.FX"75M00? ⁷ (A70L HAR-G.FBO33H.A03 W:/NI&.F80) &A73M:T.:
MI\$:K.FB/"92K: G.AM-\$F71M (FLI73YT LI/Z:B.O71XA ZF75BAX00? ⁸ W:/)AXA70R
HA/D.E33LET03 W:/HA/M.:ZW.ZF80H &A73M:T.: ZIK:ROWN/"92K: K.I74Y M"/)IT./I62Y
G.IL.I74YT WA75/T.A:(ALI81Y HIR:XA70B:T.: MI\$:K.FB/"K:03? WA/T.IK:RFT-L/F74K:
M"/HE80M)FHA71B:T.: MI\$:K.FB/F73M YF71D XFZI75YT00? ⁹ WA/T.F\$U70RIY
LA/M.E33LEK:03 B.A/\$.E80MEN WA/T.AR:B.I73Y RIQ.UXF92Y/IK: WA/T.:\$AL.:XI70Y
CIYRA33Y/IK:03]M (AD-M"74/RFXO80Q WA/T.A\$:P.I73YLIY (AD-):O75WL00?
¹⁰ B.:RO70B D.AR:K."K:03 YFGA80(AT.: LO71))FMA73R:T.: NOW)F92\$? XAY.A70T
YFD/"K:03 MFCF80)T (AL-K."73N LO71) XFLI75YT00? ¹¹ W:/)ET-MI62Y D.F)A70G:T.:
WA/T.I75YR:)IY03 K.I74Y T:KAZ."80BIY? W:/)OWT/IY03 LO74) ZFKA80R:T.:

&A73M:T.: (AL-LIB./"92K:? H:A/LO63)):ANI70Y MAX:\$EH03 W./M"74/(OLF80M
W:/)OWT/I73Y LO71) TIYRF75)IY00? ¹²):ANI71Y)AG.I73YD CID:QFT/"92K:
W:/)E75T-MA(:A&A73Y/IK:? W:/LO71) YOW(IYL75W./K:00 ¹³ B.:/ZA75(:AQ/"K:03
YAC.IYLU74/K: QIB.W.CA80Y/IK:? W:/)ET-K.UL./F71M YI&.F)-R73W.XA
YIQ.AX-HF92BEL? W:/HA/XOWSE71H B/IY03 YIN:XAL-)E80REC W:/YIYRA73\$
HAR-QFD:\$/I75Y00 ¹⁴ W:/)FMA71R? SO75L.W.-SO73L.W. P.AN.W.-DF92REK:
HFRI71YMW. MIK:\$O73WL MI/D.E71REK: (AM./I75Y00 ¹⁵ K.IY04 KO63H)FMA61R
RF74M W:/NI&.F81) \$OK"71N (AD03 W:/QFDO74W\$ \$:M/O80W? MFRO71WM
W:/QFDO73W\$)E\$:K.O92WN W:/)ET-D.AK.F)03 W./\$:PAL-R80W.XA? L:/HAX:AYOWT03
R74W.XA \$:PFLI80YM W.95/L:/HAX:AYO73WT L"71B NID:K.F)I75YM00? ¹⁶ K.I74Y LO70)
L:/)OWLFM03)FRI80YB W:/LO71) LF/NE73CAX)EQ.:CO92WP? K.IY-R33W.XA03
MI/L.:/PFNA74Y YA75(:A+O80WP W./N:\$FMO73WT):ANI71Y (F&I75YTIY00?
¹⁷ B.A/(:AWO71N B.IC:/O91W QFCA71P:T.IY W:/)AK./"73HW. HAS:T."74R
W:/)EQ:CO92P? WA/Y."71LEK: \$OWBF73B B.:/DE71REK: LIB./O75W00 ¹⁸ D.:RFKF71Y/W
RF)I73YTIY? W:/)ER:P.F)/"92HW. W:/)AN:X/"85HW. WA/):ASAL."94M NI75XUMI91YM
L/O73W? W:/LA/):AB"LF75Y/W00 ¹⁹ B.OWR"73) **NI74YB &:PFTF92YIM? \$FLO63WM05
\$FLO61WM LF/RFXO94WQ W:/LA/Q.FRO91WB)FMA71R Y:HWF73H
W./R:PF)TI75Y/W00? ²⁰ W:/HF/R:\$F(I73YM K.A/Y.F74M NIG:RF92\$ K.I70Y HAS:Q"+03
LO74) YW.KF80L? WA/Y.IG:R:\$71W. M"YMF73Y/W RE71PE\$ WF/+I75Y+00? ²¹)"74YN
\$FLO80WM)FMA71R):ELOH/A73Y LF/R:\$F(I75YM00

Biblia Hebraica Stuttgartensia as released by the TanakhML Project is based on the following edition hosted and distributed by the Oxford Text Archive (<http://ota.ahds.ac.uk/>): **FILE DESCRIPTION Title Statement Title** Bible. O.T. Hebrew. Biblia Hebraica Stuttgartensia [Electronic resource]: (Michigan-Claremont text) *Editors* Kittel, Rudolf, 1853-1929. Alt, Albrecht, 1883-1956. Eissfeldt, Otto, 1887-. Kahle, Paul, 1875-1964. Elliger, Karl, 1901-1977. Rudolph, Wilhelm, 1891- *Name* Whitaker, Richard E.. Parunak, H. Van Dyke *Responsibility* creation of machine-readable version **Edition Statement** *Edition* Rev. ed. / Computer Assisted Tools for Septuagint Studies (Project) *Extent* Text data. (1 file : ca. 3240 kilobytes) **Publication Statement** *Date* 1987-02-07 *Name* Oxford Text Archive. *Oxford Address* Oxford University Computing Services. 13 Banbury Road. Oxford. OX2 6NN. *info@ota.ahds.ac.uk IDNO* bibl0525 *Availability* Freely available for non-commercial use provided that this header is included in its entirety with any copy distributed. From the printed Code manual deposited with the electronic text: "The project was made possible ... by the gracious release granted by the Deutsche Bibelstiftung, Stuttgart, publishers of Biblia Hebraica Stuttgartensia." **Notes Statement** *Notes* Mode of access: Online. OTA website. Title proper taken from printed records held at the Oxford text Archive. Coded transliteration of printed version. "The Hebrew text used in the [Computer Assisted Tools for Septuagint Studies (CATSS)] project was encoded under the direction of Richard Whitaker (Claremont Institute for Antiquity and Christianity) and H. Van Dyke Parunak (University of Michigan Computer Center) ... and has been corrected by the Jerusalem team with the aid of the Maredsous Data Bank"--Computer Assisted Tools for Septuagint Studies (CATSS). vol. 1. p. 8.. This revised edition overseen by Emanuel Tov and Robert A. Kraft. Publication based on this text: Computer Assisted Tools for Septuagint Studies (CATSS) / project directors, Robert A. Kraft [and] Emanuel Tov. -- Atlanta, Ga. : Scholars Press, 1986. . -- (Society of Biblical Literature. Septuagint and cognate studies series ; no. 20). -- Contents: Vol. 1. Ruth / [by] John R. Abercrombie, William Adler, Robert A. Kraft [and] Emanuel Tov. -- ISBN 0-89130-978-0 (v. 1 : alk. paper). -- ISBN 0-89130-979-9 (v. 1 : pbk. : alk. paper). **Source Description** *Bibliography* Transcribed from: Biblia Hebraica Stuttgartensia quae antea cooperantibus A. Alt, O. Eissfeldt, P. Kahle ediderat R. Kittel / editio funditus renovata, adjuvantibus H. Bardtke ... [et al.] cooperantibus H.P. Rüger et J. Ziegler ; ediderunt K. Elliger et W. Rudolph ; textum Masoreticum curavit H.P. Rüger, Masoram elaboravit G.E. Weil. -- Stuttgart : Deutsche Bibelstiftung, 1977. -- Prolegomena in German, English, French, Spanish and Latin. -- Added title and text in Hebrew: Torah, Neviim u-Khetuvim. -- ISBN 3-43805218-0. **ENCODING DESCRIPTION** **Project Description** *Project* The aim of this project was to produce the first complete machine-readable Old Testament text in the public domain **Sampling Declaration** *Sampling* **Editorial Declaration** *Editors* Encoding format: Plain text. Text transcribed using a code: please apply to the Oxford Text Archive for detailed printed information. From the Printed code manual: "This text is a complete transcription of the graphical form of the Massoretic text, as recorded in Biblia Hebraica Stuttgartensia, with as little analysis as possible ... Experience indicates that if graphical details are leveled out by recording only analysis, inevitably those very details will be needed later. We have recorded as much as possible at the outset. Our overriding rule had been, "Code what is WRITTEN, not what is MEANT.". 95% of the text employs capital letters **Tags Declaration** **References Declaration** *Reference* **Class Declaration** *Bibliography* Oxford Text Archive Subject Headings *Bibliography* Library of Congress Subject Headings **PROFILE DESCRIPTION** **Creation** *Date* [198-?] **Language Usage** *Language* Hebrew **Text Class** *Keyword* Sacred texts *Keyword* **REVISION DESCRIPTION** **Change** *Date* 06 Sep. 2000 *Name* Webb, Anton *Responsibility* Cataloguer *Item* Header changed in accordance with ISBD(ER) guidelines and expanded. Validated in the TEI Lite DTD using XMetal 2.0 **Change** *Date* 14 Jan 1998 *Name* Burnard, Lou *Responsibility* cvt (converter) *Item* Header auto-generated from TOMES **Change** *Date* 1990-1991 *Name* Day, Michael *Responsibility* edt (Editor) *Item* The following information was at the beginning of a MARC record used to to generate this TEI header, and may contain useful information:FIELDS SUBJECT TO REVISION: 506.