_P!4#5(#66!+6#5#7#5! ! <#7)!2!

!

4"13\$15(

! "##\$%&" ("'%) *%+"

@#%&-#6!B=A)5=)\$!#5(!L57A5))-A57!4)\$)#-=>!?:&5=A6!:;!?#5#(#!H')-#%A57!Z-#5%*!d<6#55A57!#5(!=:5%-:6!:;!:,e)=%!9#5A'&6#%A:5!%#\$f\$gP!+6#5#7#5!T<aUP!h0\31333*!23/XM232VP!

.#\$-*."/'(""%)*%+

- @:ऽм##\allow:jon;vo.2coxs:jon;vo.2coxs:jon;vo.2coxs:jon;vo.2coxs:jon;vo.2coxs:jon;vo.2coxs;
 - @#%&-#6!B=A)5=)\$!#5(!L57A5))-A57!4)\$)#-=>!?:&5=A6!:;!?#5#(#!H')-#%A57!Z-#5%*!d8)=A\$A:5M 9#fA57!A5!#=%A:5!'6#55A57!#5(!=:5%-:6gP!+6#5#7#5!T<aUP!h2\V1333*!23/OM23/XP!
 - @#%&-#6!B=A)5=)\$!#5(!L57A5))-A57!4)\$)#-=>!?:&5=A6!:;!?#5#(#!L0&A'9)5%!Z-#5%*!di&9#5!;&5=\A:5#6!5)&-:A9#7A57!\$\A9&6&\\$!'-)\$)5\\#\A:5!#5(!(#\#!=:66)=\A:5!\\$.\$\\9)!;:-!\\$\\&(A)\\$!:;!#=\A:5!!')-=)'\\A:5!\#5(!()=A\\$A:5\\9)#fA57gP!Z\#66\AF\#5!T<\aU1!+6\#5\#7\#51!S\&\\$=>)!!Q\#99)\\$!!?\#\$\\6>\#5:P!h/V31333\\$!23/X\M23P!
 - $? \#5\#(A\#5!a5\$AM\&\%)\$!:;! \ i \)\#6\%>!4 \)\$)\#-=>!H')-\#A57!Z-\#5\%^!d@)\&-\#6!-)'-)\$)5\%\#A:5\$!\&5()-6.A57!\%>)! \\ '6\#55A57!\#5(!=:5\%-:6!:;!:,e)=\%!9\#5A'\&6\#A:5!\%\#\$f\$gP!+6\#5\#7\#5!T< aU1!Z\#66AF\#51!_:>5\$-\&()P! \\ hKX \ |0J3^*!23/JM|$

- ?#5#(A#5!a5\$%A%&%)\$!:;! i)#6%>!4)\$)#-=>!H')-#%A57!Z-#5%*!dB)5\$:-A9:%:-!=:5%-:6!'-:=)\$\$)\$! &5()-6.A57!:,e)=%!9#5A'&6#%A:5gP!+6#5#7#5!T<aUP!hVV01033*!233IM23/2P!
- ?#5#(A#5!a5\$%A%&%)\$!:;!i)#6%>!4)\$)#-=>!4)\$:&-=)!Z-#5%*!d<)-A'>)-#6!)O&A'9)5%!#5(!9#A5%)5#5=)!
 :;!;#=A6A%.!;:-!;&5=%A:5#6!9#75)%A=!-)\$:5#5=)!A9#7A57!A5!>&9#5\$!#5(!5:5M>&9#5!'-A9#%)\$gP!
 Y&5:j!!B%-:9#5!T<a\$UP!hO2\13V2*!233KM23//P!
- ?#5#(A#5!a5\$%A%&%)\$!:;! i)#6%>!4)\$)#-=>!Z-:&'!Z-#5%*!dB)5\$:-.!9:%:-!A5%)7-#%A:5*!;-:9!-);6)W)\$! %:!\$:=A#6!A5%)-#=%A:5\$gP!8:--A\$1!+6#5#7#51!Y&5:j1!<#-n1!4:\$)1!B=:\%\!T=:M<a\$UP!h/1\X/1IV3*! 233VM23/3P!
- @#%&-#6!B=A)5=)\$!#5(!L57A5))-A57!4)\$)#-=>!?:&5=A6!:;!?#5#(#!H')-#%A57!Z-#5%*!d<-)(A=%A:5!#5(!=:5%-:6!A5!9:%:-!6)#-5A57!#5(!')-;:-9#5=)gP!+6#5#7#5!T<aUP!h/V31333*!2330M233XP!
- i & 9 #5!+-:5%A)-!B=A)5=)!<-:7-#9!4)\$)#-=>!Z-#5%*!d?:5%-:66A57!%>)!\$%#%A\$%A=\$!:;!#=%A:5*!5:A\$)!#5(! &5=)-%#A5%.!A5!\$)5\$:-A9:%:-!=:5%-:6gP!+6#5#7#5!T<aU!!GA%#j#R#!!B>#(9)>-1!Q:6')-%P!EB! h/JV31333*!233JM233KP!
- ?#5#(A#5!a5\$%A%&%)\$!:;!i)#6%>!4)\$)#-=>!H')-#%A57!Z-#5%*!dL.)M>#5(!=::-(A5#%A:5!A5!9:%:-!=:5%-:6!#5(!9:%:-!6)#-5A57gP!+6#5#7#5!T<aUP!h23\1XJ*!233JM233KP!
- ?#5#(A#5!a5\$%A%&%)\$!:;!i)#6%>!4)\$)#-=>!Z-:&'!Z-#5%*!dB)5\$:-.M9:%:-!\$.\$%)9\$*!\$%&(A)\$!A5!,)>#FA:&-!!(.\$;&5=%A:51!#5(!'6#\$%A=A%.gP!+6#5#7#51!G#R#e#!!Y&5:j1!4:\$)1!4:\$\$!!B=:%%!T=:M<a\$UP!h2|3X\1X32*!233/M233VP!
- ?#5#(A#5!+:&5(#%A:5!;:-!a55:F#%A:5!#5(!H5%#-A:!a55:F#%A:5!S-&\$%*!d<#-#66)6!6#,:-#%:-A)\$!;:-! B%&(A)\$!:;!).)M>#5(!=::-(A5#%A:5!A5!>&9#5\$!#5(!5:5M>&9#5!'-A9#%)\$gP!+6#5#7#5!T<aU1! Y&5:j!!<#-n!!B=:%%P!h/1//31X/V*!2333M233VP!
- @#%&-#6!B=A)5=)\$!#5(!L57A5))-A57!4)\$)#-=>!?:&5=A6!:;!?#5#(#!H')-#%A57!Z-#5%*!da5%)-5#6! 9:()6\$!:;!\$)5\$:-A9:%:-!%-#5\$;:-9#%A:5\$!&5()-6.A57!A5%)-#=%A:5\$!RA%>!%>)!)5FA-:59)5%gP! +6#5#7#5!T<aUP!h/JKIV33*!/XXXM2330P!
- ?#5#(A#5!a5\$%A%&%)\$!:;!i)#6%>!4)\$)#-=>!T?ai4U!H')-#%A57!Z-#5%*!d`A\$!7&A(#5=)!:;!>#5(!9:F)9)5%!A5!:,e)=%!9#5A'&6#%A:5gP!+6#5#7#5!T<aU!!Y&5:j1!<#-nP!h2/V1/K2*!2333M233JP!
- $\begin{array}{l} i \& 9 \#5! + -: 5 \% A) -! B = A) 5 =)! < -: 7 \# 9 ! T \ i \ + B < U^*! da 5 \%) -5 \#6! \ 9 : () 6 \$!; : -! 9 \& 6 \% A ' 6)! \% \# \$ f \$! A 5 ! \$) 5 \$: -A 9 : \% : -! \\ =: 5 \% -: 6 g P! \ Q : 6') \%! T < a U I! + 6 \# 5 \# 7 \# 5 !! G \# 6 \# \$ f \# 1! G \# R \# \% : 1! G A \% \# j \# R \# 1! ") 9 : 5 P! E B! h I V 3 I 3 3 3 *! / XXXM 2 3 3 2 P! \\ \end{array}$
- @#\&-#6!B=\)5=\\$!#5(!L57\\5))-\\57!4\\\$)#-=>!?:\&5=\\6!:;!?#5#(#!Y#\e:-!L0\\&\'9)\\2-#5*! d[-\\A;\A=\\#6!9)=>\#5\\=\\6!\)5F\\-:59)\\$\\!;:-!\\\&(\A)\\\$!:;!>\&9\\#5!9:\\:-!\=:5\\-:6g\P!H\\\\-.!T<\aU!! +6\\#5\\#7\\#5!!")\F\\\51!Y\\&5>\\\66!!\4\\#9\\\#.!!S)-j:':\\&6:\\P!\\A2331333\\XXX\P!
- S:&-)\\\)!B.5(-:9)![\$\\$:=\#\\\\:5!TEB[U*!\dL.)!\#5(!=::-(\!\5\#\\\:5!\\5!\S:\!\-)\\\)!\\$.5(-:9)\\\!\+6\#5\#7\#5!!Y\\\\5:i!T=:\!M<\a\\$U\!\!\NK\1333*!/XXX\P!
- @#%&-#6!B=A)5=)\$!#5(!L57A5))-A57!4)\$)#-=>!?:&5=A6!:;!?#5#(#!LO&A'9)5\%!Z-#5*!da5\%)-5\#6! 9:()6\%!:;!\\$)5\\$:-A9:\%:-!\%-\#5\\$;:-9\#\A:5\\$!\&5()-6.A57!\A5\%)-\#=\\A:5\\$!RA\\>!\\>)!)5FA-:59)5\\gP! +6\#5\#7\#5!T<\aUP!\h/31333*!/XXXP!
- C&))5c\$!E5AF)-\$A%.![(FA\$:-.!4)\$)#-=>!?:&5=A6!Z-#5%*!dB)5\$:-A9:%:-!=:5%-:6!:;!9&6%A'6)!(A7A%!9#5A'&6#%A:5Pg!+6#5#7#5!T<aUP!hV1333*!/XXKP!

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=''>; *&&\$)'?'@%)\$#'8\$-*/*.%'?',#\$A#*%&/'

<#7)!V!

 $\frac{B \% \# 5 (\# 7)! 8 a!! Z \# 6)! 8 _!! @\#\$>) (! _ q!! + " [@ [Z [@!_41! Z \# 66AF \# 5!_<!T<-) '-A5 \% IP! Q>:6) M, -\#A5! 9 : (\&6\#-!(.5\# 9 A=\$!\#\%!-)\$\%!'-) (A=\%!\$)5\$:-A9:\%:-!6) \#-5A57!')-;:-9 \# 5=)P!, A:4 WAF!(:A*! /3P//3/p232JP/2P/\PVI22KI!$

, ''>2*61&*.%/'

- <u>r>&!S</u>!!Z#66AF#5!_<!!Q:6')-%!8 Y 1!+" [@[Z[@!_4 !T232JU!a5%)-#=%A:5!,)%R))5!()=A\$A:5M 9#fA57!#5(!9:%:-!6)#-5A57!R>)5!\$)6)=%A57!-)#=>!%#-7)%\$!A5!%>)!'-)\$)5=)!:;!,A#\$!#5(!5:A\$)!
 ,**B.='!.**;**A'**'&1&*.%12'3*.2.+C!/X*!)/3//VXK!>%'\$*pp(:AP:-7p/3P/JI/pe:&-5#6P'=,AP/3//VXK!
- $s/JVt!\underline{Y=Z\#-A\%.MB>A'6}.!\underline{Y}4 1!\underline{Y\#-f:FAf!\#5\%j!B}1!_:>\#5\$\$:5!4B!!\underline{Q}:6')-\$!8\underline{Y}1!+"[@[Z[@!_4!T232JU!+\#$\%!;))(,\#=f!-)\$':5\$)\$!\%:!=\#\%)7:-A=\#6!)--:-\$!\%>\#\%!(:!5:\%!A5(A=\\)!)--:-!9\\%75\\&()!\#-)!:'\\A9Aj)(!,\\$)(!:5!\$>:-\\!\\#5(!6:57!\%)-9!9)9:-.\\P!\\7.\\\\\YJVu!>\\\'\\$\\$\\$\$(:AF:-7p/3P/V2Jp_@LE4HB?aP/XX3M22P232J!}$
- ?)\$#5)f1!+6#5#7#5!_41!Q:6')-%!8 Y!T232JU!Y)9:-.1!')-=)'%=!#5(!9:%:-!=:\$%\$!#;;)=%!%>)! \$%-)57%>!:;!=#%)7:-A=#6!)5=:(A57!(&-A57!9:%:-!6)#-5A57!:;!:,e)=%!'-:')-%A)\$! =6*\$%&*<*6'8\$A.#&/!/J*\K/X!>\%'\$*pp(:AP:-7p/3P/3J\p\$O/VX\M32JMJJV/VM2!

 $Z\#66AF\#5!_<!!\]:R\ 9\ \#5!\ @\ [\ 41!\ ?>\#'\ 9\ \#5!\ ?\ B1!\ Q:6'\)-\$!\ 8\ Y1!+"\ [\ @\ [\ Z\ [\ @!_4\ !T23/KU!S>)!\$)0\&)5\$A\#6!$

- S-)R#-%>#!GY1!Z#-=A#! [1!Q:6')-%!8Y1!+" [@[Z[@!_4!T23/OU!+#\$%!,&%!;6))%A57*!#(#'%AF)!
 9:%:-!6)#-5A57!'-:=)\$\$)\$!#\$\$:=A#%)(!RA%>!#7A57!#5(!=:75A%AF)!()=6A5)P!**7.''#%12'.<' D\$''#./6*\$%6\$!**J0*!/J0//M/J02/!
- 8#5A:5!+ 1!8A#9:5(!B1!+" [@[Z[@!_4!T23/JUvB)'#-#%)!=:5%-A,&%A:5\$!:;!fA5)9#%A=!#5(!fA5)%A=!)--:-\$!%:!%-#e)=%:-.!#5(!7-A'!;:-=)!#(#'%#%A:5!R>)5!%-#5\$':-%A57!5:F)6!>#5(M>)6(!6:#(\$P!7.''#%12'.<'D\$''#./6*\$%6\$!JJ*!222XM22JK!
- s\3t!Z#66AF#5!_<1!?>#'9#5!?B!!Y=")#5!8 [1!+" [@ [Z [@!_41!?&6>#9!_?!T23/JU v Q>)-)!:5)! >#5(!9))%\$!%>)!:%>)-*!"A9, M\$')=A;A=!#5(!7:#6M()')5()5%!9:F)9)5%!'6#5\$ v ()=:()(!;-:9! '-)'#-#%:-.!\$A75#6\$!A5!\$A576)!>&9#5!'#-A)%:

 $+) - 5y5()j \\ \text{M4\&Aj!} \\ \underline{} \\ \text{I!} \\ \text{Q} : 57! \\ \text{Q1!} \\ \text{[-9\$\%-:57!aS1!]}$

 $sV3t! \] \#.\$! < Y1! \ Q : 6') - \$! \ 8 \ Y1! + " \ [@ \ [\ Z \ [@!_4 ! T233 V U! <) -=) ' \$A : 5! : ; ! \$ >)! = : 5\$)0\&)5 =) \$! : ; !\$)6; M \\ \# = \$A : 5! A\$! \$) \ 9' : - \#66 . ! \%& 5) (! \#5(!)F)5 \$M(-AF)5 P! \ ! " \#\#\%\&'3 * .2 . + C!/V*!//2 V M//2 \! \\ \underline{8 \#FA(\$: 5! < 4}! \ Q : 6') - \$! \ 8 \ Y1! \ B = : \$\%! \ B \ i \ 1! + " \ [@ \ [\ Z \ [@!_4 ! T233 V U! ? : 9 \ 9 : 5!)5 = : (A57! : ; !5 : F)6!$

- _:>#5\$\$:5!4B!!Q)\$\\6A57!Z!!]\w=f\$\\-x9![!!+"[@[Z[@!_4!T233/U!L.)\\>\\5\!=::-(\A5\\\\A:5!\\5!\\5!\)
 :,e)=\\!9\\\5\'\&6\\\\A:5\!7\'\\\\12'\.<'\\D\$'\\\\\\\\S\\\2!\\\X\/\I\\\X\\J2!
- sJ3t!Q:6')-%!8Y1!Z>#>-#9#5A!r1!+"[@[Z[@!_4!T233/U!<)-\$')=%AF)\$!:5!9:%:-!6)#-5A57P! **I**#\$%)/'*%'!.+%&*-\$'=6*\$%6\$/!V*!0\IMOXO!
- +" [@[Z[@!_41!]#5(:9A-!?!T2333U!?:9A57!\:!7-A'\$!RA\>!R)A7>\\!')-=)'\A:5\!);;)=\\\$!:;!7-\\\$'! =:5;\A7\&-\A1:5!:5!R)\A7>\\!e\&(79)5\\\$P!,\\$\#6\\$A\&*.\\'O',\C6F.AFC*6\!K2\!\230\\\2\X!
-] &-\$%) (%! YGH1!+" [@ [Z [@!_41!_:>#5\$\$:5!4B!T/XXXU!L;;)=%\$!:;!\$&-;#=)!%) W%&-)!:5!%>)!=:5%-:6! :;!;\(\delta 57\)-\(\delta '!;:-=)\$!#5(!\(\delta :-0\&)\)\$!\(\delta 5!\)9 &\(\delta \A7\)\(\delta !\)9 #5\(\delta '\delta 6#\)\(\delta :5P!\)7.\(\delta '\delta \B')\(\delta \AFC/\delta .2.+C!\\ 2\delta !\)2JXJ\(\delta 03\V!\)
- s2Vt!<u>L66A\$!4</u>!!+" [@ [Z [@!_4!!")()-9#5!B!T/XXXU!S>)!A5;6&)5=)!:;!FA\$!A66&\$A:5\$!:5!7-#\$'! ':\$A\$A:5P!**0GA\$#*; \$%&12'3#1*%'8\$/\$1#6F**!/2V*!/3XM//0!
- +" [@[Z[@!_41!]&-\$%)(%!YGH1!_:>#5\$\$:5!4B!T/XXXU!S>)!=:5%-:6!:;!;A57)-%A'!;:-=)\$!A5! 9 &6%A(A7A%!9#5A'&6#%A:5P!**7.**''#%**12**'.<'**D\$**''#.**AF**C/*.2.+C!\/*!/I3K.400lmBT50

_P!4#5(#66!+6#5#7#5! ! <#7)!/J!

+" [@[Z[@!_4!!S-)\$A6A#5!_4!!QA57![Y!T/XXVU!Z-A'!;:-=)!#(e&\$%9)5%\$!(&-A57!-#'A(!>#5(!9:F)9)5%\$!\$&77)\$%!%>#%!()\#A6)(!9:F)9)5%!fA5)9#\A=\$!#-)!'-)(A=\%)(P!**3\F1-*.#12'1\%)'3#1*\%'=6*\%6\\$**/!/*!IVJMIVO!T?:99)5\\#-.U!

- +" [@ [Z [@!_41! Q A57! [Y!T/XXVU!S>)!\$\\#, A6A\\.!:;!'-)=A\\A:5!7-A'!;:-=)!(&-A57!=.=6A=!\\+-9! 9:F) 9) 5\\\\$!RA\\>!\\!>\\\5(\\\>)6(!6:\\(\P!\\0GA\\^*\\;\\\8\\^1\\^*\\8\\\\\$1\\6F!/3V\\!OVV\\0KO!
- s/3t!4#9\$#.!_H1!Q#57!z1!+" [@[Z[@!_4!T/XXVU![!;&5=\A:5#6!(#\#!#5#6.\$\\!:;!\\>)!'\A5=\!;:-=)! :;!\&9#5!;\\S7)-\\P!4A\\24\\\$)'=\\1\\\4\\6\\6\\100\\!/I\\J3!
- +" [@[Z[@!_4!!S-)\$A6A#5!_4!T/XXOU!Z-A'M6:#(!;:-=)!=:&'6A57*!#!7)5)-#6!=:5%-:6!\$%-#%)7.!;:-! %-#5\$':-%A57!:,e)=%\$P!7.''#%12'.<'0GA\$#*;\$%&12',/C6F.2.+CM'5'';1%',\$#6\$A&*.%'1%)',\$#<.#;1%6\$!23*!XOOMXVI!
- $+ " [@[Z[@!_41!QA571![Y!T/XXJU!Y:(\&6\#MA:5!:;!7-A'!;:-=)!RAM>!6:\#(!;:-=)!(\&-A57!':A5MM:M-A57!'] + " [@[Z[@!_41!QA571![Y!T/XXJU!Y:(\&6\#MA:5!:;!7-A'!;:-=)!RAM>!6:\#(!;:-=)!(\&-A57!':A5MM:M-A57!)] + " [@[Z[@!_41!QA571![Y!T/XXJU!Y:(\&6\#MA:5!:;!7-A'!;:-=)!RAM>!6:\#(!;:-=)!(\&-A57!':A5MM:M-A57!)] + " [@[Z[@!_41!QA571![Y!T/XXJU!Y:(\&6\#MA:5!:;!7-A'!;:-=)!RAM>!6:#(!;:-=)!(\&-A57!':A5MM:M-A57!)] + " [@[Z[@!_41!QA57![Y:A5MM:M-A57!]:A5MM:M-A57!]] + " [@[Z[@!_41!QA57!]:A5MM:M-A57!]] + " [@[Z[@!_41!QA57!]:A5MM:M-A57!]] + " [@[Z[@!_41!QA57]:A5MM:M-A57!]] + " [@[Z[@!_41!QA57]:A5MM:M-A57!]] + " [@[Z[@!_41!QA57]:A5MM:M-A57]] + " [@[Z[@!_41!QA57]:A5MM:M-A5$

_P!4#5(#66!+6#5#7#5! ! <#7)!/O!

=\$%/.#*; .&.#'!.%&#.2'.<':#1/A*%+M',FC/*.2.+C'1%)',1&F.AFC/*.2.+C!!''!/K/M/II!! ?#9,-A(7)!E5AF)-\$A%.!<-)\$\$!?#9,-A(7)!

- _:>#5\$\$:5!4B!!+" [@ [Z [@!_4!T233XU v B)5\$:-.!=:5%-:6!:;!:,e)=%!9#5A'&6#%A:5P!a5*!
 i)-9\$(x-;)-!_!!@:R#f!8 [!TL(\$U!=\$%/.#*;.&.#'!.%&#.2'.<':#1/A*%+M',FC/*.2.+C'1%)'
 ,1&F.AFC/*.2.+C!!''!/O/M/K3!!?#9,-A(7)!E5AF)-\$A%.!<-)\$\$*!?#9,-A(7)!
- Q:6')-\|!8 Y1!+" [@[Z[@!_4!T233XU!+:-R#-(!9:()6\|!a5\!S!]#.5)1![!?6))-)9\|#5\|!<!Q\|6f)5! TL(\|\$U!IF\|G<.\|#)'!.; A1\|*.\|\&.'!.\|/6\|*.''/\|\|#W;:-(!E5\|F)-\|A\|.!<-)\|\$\|!#W;:-(!
- \$23t!_:>#5\$\$:5!4B!!+" [@ [Z [@!_4!T233XU!B)5\$:-A9:%:-!=:5%-:6!:;!:,e)=%!9#5A'&6#%A:5P!a5*! BO&A-)!"!! [6,-A7>%!S1!Z#7)!+1!B'A%j)-!@!!]6::9!+!TL(\$U!**0**%6C62.A\$)***1'.<'D\$''#./6*\$%6\$**1! `:6&9)!\!!''!VXJMK30!!L6\$)FA)-!<-)\$*!HW;:-(!
- _:>#5\$\$:5!4B1!+" [@[Z[@!_4!T233IU!**T233IU!**

- $\begin{array}{l} H\$\text{M-.!8_!!+"} \ [\ @ \ [\ Z \ [\ @ \ !_4 \ !+) \ 6 \ (\ 9 \ \#5 ! \ [\ Z \ !!Y \& 5 > \#66!GZ !T/XX/U! \ i \ \& \ 9 \ \#5 !e\#R ! \ 9 \ : \& : 5 \ \#-: 6 !A 5 ! \\ 9 \#\$\text{MA=\#MA} : 5 !\#5 \ (!\$')) => P!a5*!4 \) 0\&A5!_!!B\$) 6 9 \#=> !Z!TL(\$U! \ I''\&.\#*12/'*\%' \ ; .\&.\#'\\$''\#./6*\$\%6\$P! \\ G6\&R)-! \ [\ =\#() \ 9 \ A=!<\&, 6 A\$>)-\$! \end{aligned}$

- 4)'-)\$)5%A57!: ,e)=%\$!#5(!#=%A:5\$!R>)5!A5%)-#=%A57!RA%>!%>)!R:-6(P!<-A5=)%:5!E5AF)-\$A%.P!H=%: ,)-! 23/KP!
- 4)'-)\$)5%A57!: ,e)=%\$!#5(!#=%A: 5\$!R>)5!A5%)-#=%A57!RA%>!%>)!R:-6(P!]: (A#5!B) 9 A5#-!")=%&-)! B)-A)\$!!G-A)O-!Y A5(P] -#A5!A5\$%A8%&%)!!.:>S\$! i: 'A5\$!E5AF)-\$A8. P!Y#.!A9. A9.
- Y &6%A'6)!9:%:-!'6#5\$!F)-\$&\$!#!\$A576)!'6#5*!#-)!9&6%A'6)!7:#6\$!9#''A57!:5%:!9&6%A'6)!'6#5\$P! G)55)(.!G-A)7)-!a5\$%A%&%)!!:>5\$!i:'fA5\$!B=>::6!:;!Y)(A=A5)P!Y#.!23/KP!
- s\3t!B)6)=%A:51!'6#55A57!#5(!=:5%-:6!:;!:,e)=%M:-A)5%)(!#=%A:5P! i #\$fA5\$!"#,:-#%:-A)\$1!q#6)! E5AF)-\$A%.P!Y#.!23/KP!
- $Y : \% : -! / 5 = : (A57! : ;! ' : \%) 5 \% A # 6!) # = > ! \% + 7) \% P ! B . 9 ' : $ A & 9 ! : 5 ! \% >) ! 5) & : $ = A) 5 =) ! : ;! () = A $ A : 5 M 9 # f A 5 7 P ! E 5 A F) $ A \ M n! () ! Y : 5 \% n # 6 P ! Y # . ! 23 / K P !$
- Y:\":-!\5=:(\A57!:;!=:9')\\A57!-\#=>!H'\\A:5\\P![55\!@)\&-#6!?:5\\-:6!:;!Y:F)9\)5\\!9\)\\A57!! Y:\\5\\7:!]#.!!_#9\#A=\#!!['-\A6!23/KP!
- <6#55A57!#5(!=:5%-:6!9)=>#5A\$9\$!&5()-6.A57!:,e)=%M:-A)5%)(!#=%A:5P!a5\$%A%&%!()!@)&-:\$=A)5=)\$!()! 6#!SA9:5)P!Y#-\$)A66)\$!!Y#.!23/VP!
- sIVt!<6#55A57!#5(!=:5%-:6!:;!>&9#5!:,e)=%!:-A)5%)(!#=%A:5\$P!E5AF)-\$A%n!()!Y:5%-n#6P!_#5&#-.! 23/VP!
- B)5\$:-.M9:\%:-!=:5\%-:6!9)=>\#5A\\$9\\$!\&5()-6.A57!:,e)=\%M:-A)5\%)(!\#=\%A:5\P!a5\%)-5\#\A:5\#6!B:=A)\%.!;:-!
 i & 9\#5!+\#=\%:-\\$!?:5;)-)5=)!!E5AF)-\\$A\%.!:;!]-A\%A\\$>!?:6\&9,A\#!\`\#5=:\&F)-!!_\&5)!23/JP!
- @)&-#6!9)=>#5A\$9\$!&5()-6.A57!9)9:-.!;:-!R)A7>%!A5!:,e)=%!9#5A'&6#\A:5P!8)'#-\\9)5\\!:;! a5\\)7-#\\AF)!Y)(A=#6!]A:6:7.!!E9)b!E5\\AF)-\\A\\.1!BR)()5!!Y#.!23/JP!

- 4)6#\(A:5!,)\(R)\()5!\(\simp\)!=:5\(-:6!:;!#=\(A:5!R>\)5!9#5\(A:6#\(A57!:,e)=\(S:#5(!\(\simp\))!)\(W'6A=A\(N!')-=)'\(A:5!:;!:,e)=\(S:R)(1:(-1) 1.5)\(A)(1:-1) 1.5\(A)(1:-1) 1.5\(A)(1:-1

sKVt!<-)(A=MAF)!9)=>#5A\$9\$!#5(!:,e)=M!-)'-)\$)5M#M:5\$!&\$)(!A5!:,e)=M!9#5A'&6#M:5P!<-:7-)\$\$!A5!

")#-5A57!'-)(A=%A:5!,);:-)!=:5%-:6P!Y:%:-!")#-5A57!B#%)66A%)!Q:-f\$>:'!T%:!%>)!B:=A)%.!;:-!%>)! @)&-#6!?:5%-:6!:;!Y:F)9)5\UI!]#-=)6:5#1!2330P!

<-) (A=%A:5!#5(!=:5%-:6!A5!\$fA66)(!#=%A:5P!<> . \$A=#6!L(&=#%A:5!#5(! i)#6%>!8)'#-%9)5%#6!B)9 A5#-! B)-A)\$1!C&))5c\$!E5AF)-\$A%.1!+),-&#-.!2330P!

- $Y : \% : -!Q : -fA57!Y) 9 : -.!B . \%) 9 \$!E5() -6.A57!BfA66! [=0&A$A\A:5P!8)'#-\%9)5\%!:;!<\$.=>:6:7.1!E5AF)-\$A\\.!:;!] A-9A57>\#91!L576\#5(1!Y\#-=>!233/P!$
- $Y: \%: -!Q: -fA57!Y) 9: -.!B. \$\%) 9 \$!E5() -6. A57!B fA66! [=0 \&A\$A\%A: 5P!a5\$\%A\%\&\%)!: ;!Y:F) 9) 5 \%! @) \&-: \$=A) 5=) 1!E5AF) -\$A\%. !?: 66) 7)!": 5(:51!_#5 \&#-.!233/P!$
- Y: ``: -!R: -fA57M9) 9: -.!\$.\$'') 9\$!&5() -6.A57!\$fA66!# = 0&A\$A%A: 5P!Q: -f\$>: '!:5![-9!Y:%: -!?:5%-:6P!E5AF)-\$A%.!:;!]A-9A57>#9!!2333P!
- s2Vt!S>)!5:%A:5!:;!A5%)-5#6!9:()6\$!A5!\$)5\$:-A9:%:-!=:5%-:6*!#5!:F)-FA)RP!<#')-!'-)\$)5%)(!#%!%>)!
 ?:57-)\$\$!:;!%>)!B=#5(A5#FA#5!<>.\$A:6:7A=#6!B:=A)%.1!E9)b1!BR)()5!T[,\$%-#=%!'&,6A\$>)(!A5!
 [=\##!<>.\$A:6:7A#!B=#5(U1!/XXXP!
- $a5 \% \% \% \%)!:;!Y:F) 9) 5 \%! @) \&-: \$=A) 5=) 1!E5 AF) -\$A\%.!?:66) 7)!":5(:5! \#5(!Z \# \% \$, .!?:9' \& \% \# \% A:5 \#6! @) \&-: \$=A) 5=)!E5 A \%!_& 5)!/XXX!$
- $+:-R\#-(!\#5(!A5F)-\$)!9:()6\$!A5!9:\$A:5!'6\#55A57*!)FA()5=)!;-:9!7-A'!;:-=)!\#(e\&\$\$9)5\$\$!(\&-A57!:,e)=\$!\$-\#5\$':-\$P!<\#')-!'-)\$)5\$)(!\#\$!\$>)!_\#'\#5p?\#5\#(\#!@)\&-:\$=A)5=)!Y))\$A57!!S:f:!!_\#'\#5!!/XX\P!$
- ?:9A57!%:!7-A'\$!RA%>!A5%)-5#6!9:()6\$P!<#')-!'-)\$)5%)(!#%!%>)!\%>!#55!B:=A)%.!;:-!%>)!@)&-#6! ?:5%-:6!:;!Y:F)9)5%!9))%A57!!G).!Q)\$%!!/XX\P!
- s23t!Y:\(\alpha:5!'\6\pi5\a57!-)F)\(\begin{align*} \delta\) (!, .!\(\pi5\a=\alpha'\pi\):-.!\(7-\alpha'!\);:-=)!\(\pi(e\&\nota)\) (5\\nota\!:;!\(\nota)\)!\(\nota\nota)!\(\nota\nota)\) (!\(\nota\nota\nota)\)!\(\nota\nota)\] (!\(\nota\nota)\) (!\(\nota\nota\nota)\) (!\(\nota\nota)\) (!\(\nota)\) (!\(\nota\nota)\) (!\(\n
- ?:5%-:6!:;!;:-=)\$!#5(!%:-0&)\$!A5!9&6%AM(A7A%!9#5A'&6#%A:5P!<#')-!'-)\$)5%)(!#%!%>)! @)&-:'>.\$A:6:7.!:;!%>)!i#5(!B.9':\$A&91![\$=:5#1!BRA%j)-6#5(!!/XX\P!
- $\begin{array}{l} [5\% A=A'\#\%:-.!7-A'!;:-=)!\#(e\&\%9)5\%\$!(\&-A57!A5\%)5\%A:5\#6!\#5(!5:5\%A5\%)5\%A:5\#6!9:F)9)5\%\$!A5!\\ S:\&-)\%\%\}\&B.5(-:9)P!<\#')-!'-)\$)5\%)(!\#\%!\%>)!@)\&-:'>.\$A:6:7.!:;!\%>)!i \#5(!B.9':\$A\&9!!\\ [\$=:5\#1!BRA\%j)-6\#5(!!/XX\P!) \end{array}$
- $+:-R\#-(!\#5(!A5F)-\$)!9:()6\$!A5!9:\$A:5!'6\#55A57*!)FA()5=)!;-:9!7-A'!;:-=)!\#(e\&\$\%9)5\$\$!(\&-A57!:,e)=\$!\$-\#5\$':-\$P![(F\#5=)(!S)6)=:99\&5A=\#\$A:5\$!4)\$)\#-=>!T[S4U!a5\$\$A\\&\%)!!G.:\$:1!_\#'\#5!!['-A6!/XX\P!$
- ")F)6\$!:;!\$)5\$:-A9:%:-!'-:=)\$\$A57!A5!%>)!'6#55A57!#5(!=:5%-:6!:;!#-9!9:F)9)5%\$P!E5AF)-\$A%n!()! Y:5%-n#6!!8)'%P!:;!<>.\$A:6:7.!!H=%:,)-!/XXIP!
- s/Vt!")F)6\$!:;!\$)5\$:-A9:%:-!'-:=)\$\$A57!A5!%>)!'6#55A57!#5(!=:5%-:6!:;!#-9!9:F)9)5%\$P!<#')-!
 '-)\$)5%)(!#%!%>)!zz`a!Y))%A57!:;!%>)!a5%)-5#%A:5#6!?:57-)\$\$!:;!<\$.=>:6:7.!!Y:5%-n#6P!
 [,\$%-#=%!'&,6A\$>)(!A5!a5%)-5#%A:5#6!_:&-5#6!:;!<\$.=>:6:7.!J/*!2J00M2J00!!/XXKP!
- S>)!-:6)!:;!A5%)-5#6!9:()6\$!:;!(.5#9A=!A5!9:%A:5!'6#55A57*!)FA()5=)!;-:9!7-A'!;:-=)!#(e&\$%9)5%\$! (&-A57!>#5(!9:F)9)5%\$P!<#')-!'-)\$)5%)(!#%!Q:-f\$>:'\$!A5!B)5\$:-A9:%:-!?:5%-:6*!Y)#\$&-A57!]:(.!Y:%A:5!!]#57:-1!Q#6)\$1!/XXKP!
- $L#$\%)-5!Y:\%:-!Z-:\&'1!?#9,-A(7)1!EPGP1!_\&6.!/XXKP!$
- B:,)66!8)'#-%9)5%!:;!@)&-:'>.\$A:6:7.1!a5\$%A%&%)!:;!@)&-:6:7.1!":5(:51!['-A6!/XXK!])
- ?:5%-:6!:;!-)#=>A57!9:F)9)5%P!<#')-!'-)\$)5%)(!#%!@)&-:9:%:-!<-:=)\$\$)\$!<math>A5!<:%&-)!#5(!Y:F)9)5%!!?:6&9,A#!E5AF)-\$A%.1!@)R!q:-f1!/XXVP!

- s/3t!8) '#-%9)5%!:;!<>.\$A:6:7.!!E9)b!E5AF)-\$A%.!!E9)b!!BR)()5!![&7&\$\%!/XXV!
- @)&-:\$=A)5=)!B) 9 A5#-!B)-A)\$1!C&))5\&\!E5AF)-\\$A\\\.1!GA57\\\\:51!Y\#-=>!/XXV!
- E5AF)-\$A\\.!:;![-A\)i:5\\!B\\\\\)1!S)9')1!+),-&\\\-.!/XXV!

- sVt!S>)!-:6)!:;!A5%)-5#6!(.5#9A=!9:()6\$!A5!9:%A:5!'6#55A57!#5(!=:5%-:6!"[6;-)(!a!(&!<:5%!a5\$%A%&%)pE5AF)-\$A%.!:;!8)6#R#-)!!QA69A57%:5!!Y#.!/XXOP!
- ?)5%)-!;:-!@)&-:,A:6:7.!#5(!])>#FA:-!!?:6&9,A#!E5AF)-\$A%.!!@) $R!q:-f!!_#5\&#-.!/XXO!$
- E5AF)-AAM.!:;!S{,A57)5!!S{,A57)5!!Z})-9#5.!!Y#-=>1!/XXJP!
- $L0\&A6A, -A\&9! = :5\% :6!F) = \% : -\$!\$\&,\$) FA57!7 : \#6M(A-) = \%) (!\#-9!9:F) 9) 5\%\$P! < \#') !'-)\$) 5\%) (!\#\%!\%)! \\ @ [SH! [(F\#5=)(!B\%\&(.!a5\%MA\%\&)!:5!Y:\%:-!@)\&-:$=A)5=)!!?\#6=\#\%:77A\#!!?:-$A=\#!!/XX3P!]$
- S-#e)=%:-A)\$!:;!>&9#5!9&6%AMe:A5%!#-9!9:F)9)5%\$*!LFA()5=)!:;!e:A5%!6)F)6!'6#55A57P!<#')-!
 '-)\$)5%)(!#%!+A-\$%!a5%)-5#%A:5#6!B.9':\$A&9!:5!LW')-A9)5%#6!4:,:%A=\$1!Y:5%-)#6!!/X\XP!

! /17,#,1%,(9#,:,1*+*\$/1:(D(9">&\$:0,3(B>:*#+%*:(

- $\begin{array}{l} +::f)5!_!!r>\&!S!! \leq A) \ f \ f : 6\#!_!!Z\#66AF\#5!_<!!+" \ [@ [Z [@!_4!T232JU!S>)!=::-(A5\#A:5!:;!6); \%!\#5(!-A7>\%!>\#5(!9:F)9)5\%!R>)5!\#=\%A57!:5!\$)'\#-\#\%)!:,e)=\%!A\$!\$>\#')(!,.!=:9'6)\%A:5!;:-!7\#j)P! \\ <:\$\%)-!'-)\$)5\%)(!\#\%!\%>)![55\&\#6!Y))\%A57!:;!\%>)!B:=A)\%.!;:-!@)\&-:\$=A)5=)1!Q \#\$>A57\%:5!8P?P!! \\ EB [P! \end{array}$
- $\begin{array}{l} \underline{r>\&!S}!!Z\#66AF\#5!_<!!Q:6')-\$!8\ Y!!+"\ [\ @\ [\ Z\ [\ @!_4!T232JU!S)\ 9\ ':-\#6!=-)\ (A\$!\#\$\$A75\ 9\)5\$!A5!\\ -)R\#-(M,\#\$)\ (!9:\%:-!6)\#-5A57P!<:\$\%)-!'-)\$)5\%)\ (!\#\$!\%>)!\ [\ 55\&\#6!\ Y\))\$A57!:;!\%>)!B:=A)\%.!;:-!\\ @\ (\&-:\$=A)5=)!!Q\#\$>A57\%:5!8P?P!!EB\ [\ P!] \end{array}$
- $\begin{array}{l} +::f)5!+P!_:>\#5\$:5!4B1!+" \ [\ @\ [\ Z\ [\ @!_4!T2322U!\ [\ (\#'\$AF)!)\ .\)M>\#5\ (!=::-(A5\#\$A:5!R>)5!\\ 9\ \#5A'\ \&6\#\$A57!\#5\ (!9:5A\$:-A57!\$>)!)5FA-:59\)5\$!A5!'\#-\#66)6P!<:\$\%)-!'-)\$)5\%)\ (!\#\$!\$>)!\#55\&\#6!\\ 9\))\$A57!:;\$>)!B:=A)\%.!;:-!\$>)!@)\&-\#6!?:5\%-:6!:;!Y:F)9\)5\$!18\&,6A51!a-)6\#5\ (P!) \end{array}$
- $s/03t! \underline{Z\#6}!8\underline{1![-)\$>}5f:;;!?\underline{1!@\#\$>}(!\underline{q}\underline{1!B\%\#5(\#7)!8}\underline{1!}Y\#-f)66:!48\underline{1!+"[@[Z[@!_4]!}Z\#66AF\#5\underline{1!}_<\underline{P}\underline{1!}Z32/\underline{U}!$

 $\underline{Y:\$f:R\texttt{A}\$j!_1!!_1)-7)-!B[1!?\#\$\$)6>\#5:!YB1!Z\#66\$F\#5!_<1!+"[@[Z[@!_4!T23/XUP!a\$!F\$\$\#6!]]$

- i)#6(!!_!!a57-#9!_@!!+" [@ [Z [@!_4!! Q :6')-\|! 8 Y !T23/KU!B) '#-#\|)!9 :\|:-!9) 9 :-\|)\$!#-)!)57#7)(!R>)5!=:5\|-:66\|57!(\|A;;)-)5\|!':\|5\\\\$!:5!\|>)!\|#9)!\|::6\|!<:\|\)|5\|\|(!#\|\>)! [55\|#6! Y))\|\|57!:;\|\>)!B:=\|\|.!;:-!@)\|\|-:\|\$=\|5=\|1!B\|5!8\|\)7:\|!
- $Z\#66AF\#5! <1!?>\#'9\#5!?B1!Y=")\#5!8 [1!+"[@[Z[@!_41!?&6>\#9!_?!T23/VU!Y:F)9)5\%! \\ A5\%)5\%A:5!9:(&6\#\%)$!5)&-\#6!-)$':5$)$!A5!FA$&\#6!=:-\%)WP!<:$\%)-!'-)$)5\%)(!#\%)![55&\#6!Y))\%57!:;\%>)!B:=A)\%.!;:-!@)&-:$=A)5=)1!?>A=\#7:P!$
- s/23t!S-)R#-%>#!G1!Z#66AF#5!_<1!+" [@[Z[@!_4!T23/VU!S>)!-:6)!:;!(:-\$:6#%)-#6!'-);-:5%#6! =:-%)W!A5!9:%:-!6)#-5A57!(&-A57!;:-=)M;A)6(!#(#'%#%A:5*![!=:5%A5&:&\$!%>)%#M,&-\$%!\$%A9&6#%A:5! \$%&(.P!<:\$%)-!'-)\$)5%)(!#%!%>)![55!Y))%A57!:;!%>)!B:=A)%.!;:-!@)&-:\$=A)5=)!!?>A=#7:P!
- $Y: \$f: RANj!_] 1!Z\#6)!8_1!Q:6')-N!8 Y1!Z\#66AF\#5!_<1!+" [@[Z[@!_4!T23/VU!8)=A\$A:5!9\#fA57!\\ (\&-A57!9:N:-!6)\#-5A57*!A5F)\$N9)5N!A5!6)\#-5A57!\#5(!-)R\#-(!:'NA9Aj\#NA:5P!<:\$N)-!'-)\$)5N)(!\#N!N>)! [55\&\#6!Y))NA57!:;!N>)!B:=A)N.!;:-!@)&-:$=A)5=)1!?>A=#7:P$
- 8#6A-A![1!+"[@[Z[@! 41!Y#W!"!T23/OUB)5\$:-A9:h:-!=:5h-:6!:;!\$)6;MhA9)(!F\$P!)Wh)-5#66.MhA9)(!F\$P!)Wh

- !
- a57-#9!_@1! i : R#-(!aB1!+" [@ [Z [@!_41! Q :6')-\\! 8 Y !T233\\U!\$>)!-) '-)\\$)5\\\\\ 5!:;!:,e)=\\! (.5\\\9 A=\\!(&-A57!:,e)=\\!9 \\\5A'\\\&6\\\A:5P!<:\\\)-\\!-)\\$)5\\)(!\\\!?\\\9,-A(7)!\\@)\\\&-:\\\$=A)5=)!233\\P!
- $s\3t!Sj)65A=!S1!G\&>69)A)-!\ [1!"\#A9)-!B1!+"\ [@\ [Z\ [@!_4!T233\VP!<-)(A=\%AF)!Z\#j)!\%:!@:F)6! \\ [5A9\#\%)!\#5(!a5\#5A9\#\%)!L5\%A\A)\$!A5!\ [(\&6\$!\#5(!a5;\#5\$P\ v<:\$\%)-!'-)\$)5\%)(!\#\%!S>)!a5\%)-5\#A:5\#6! \\ ?:5;)-)5=)!:5!a5;\#5\%!B\%\&(A)\$P!\ \#5=:\&F)-!!?\#5\#(\#P!)$
- $[>9)(![[!Q:6']-\%!8Y!!+"[@[Z[@!_4!T233IU!4)'-)$)5\%\#\%A:5!:;!:,e)=\%!(.5\#9A=\$!A5!,A9\#5\&\#6!:,e)=\%!9\#5A'\&6\#\%A:5P!<\#']-!'-)$)5\%)(!\#\%!\%>)!JI\%>![55\&\#6!Y])\%A57!:;!\%>)!B:=A)\%.!;:-!@)\&-:$=A)5=)1!B\#5!8A)7:P!$

- $sIVt!+"[@[Z[@!_4!!\underline{?\#6(R)66!}_!!+)-5\#5()jM4\&Aj!_!T233IU!8A;;)-)5\%!9)=>\#5A\$9\$!\&5()-6A)!\%>)!\\ =:5\%-:6!:;!FA\$\&\#66.!7\&A()(!7-\#$'A57!\#5(!-)\#=>A57P!<\#')-!'-)\$)5\%)(!\#\!*>)!JI*>![55\&\#6!Y))\%A57!\\ ::;!*>)!B:=A)\%.!;:-!@)\&-:$=A)5=)!!B\#5!8A)7:P!$

- $sI3t! \underline{[-9 \%-:57!aS]}! \underline{\&(\$:5!Y)}! + "[@[Z[@!_4!T233VU!L.)M>#5(!=::-(A5#MA:5!;:66:RA57!+"(#'\mm\A:5!\h:!FA\$\&:9:\h:-!-)F)-\$\(\text{#6P}!<\mm'\)-!'-)\$\(\text{5}\h)(!\mm\h))!JV\h>![55\&\mi6H)Y)\hA57!:;!\h>)!} \\ B:=A)\h.!;:-!@)\&-:\$=A)5=)1!Q\$\>A57\h:51!8P?P!$

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()=: 9 ': $A\\A:5!:;!6)\#-5)(!\A5\\)-5\#6! 9:()6\\P!<\#')-!'-)\$)5\\)(!\#\!\>)!2\\>! [55\&\#6!Y))\\A57!:;!\>)! B:=\A)\\.!;:-!\@)\&-:\$=\A)5=)!!Y\\A\#9\A!])\#=>\P!
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- $Q \text{A57!} [Y \text{1!+"} [@ [Z [@ !_4 !!T/XX \setminus U! [=0\&A-A57!\%>)!; :-R\#-(!9:()6P!<\#')-!'-)\$)5\%)(!\#\%!\%>)! \\ LW')-A9)5\%\#6!<>.\$A:6:7.!B:=A)\%.1!HW; :-(1!EPGP!)$
- +" [@ [Z [@!_4!!] &-\$%) (%! Y GH1!_:>#5\$\$:5!4B!T/XXIU!?:5%-:6!:;!;457)-%A'!;:-=)\$!45!9 &6%AM(474M! 9 #5A'&6#%A:5!<#')-!'-)\$)5%) (!#%!%>)!21%>! [55!Y))%457!:;!%>)!457!:;!%>)!457!::-!@)&-:\$=A)5=)!! @)R!H-6)#5\$!!457!::-!@)&-:\$=A![,\$%-!!\divident :5!2J1!<#-%!/1!'!23X2!
- +" [@[Z[@!_4!!QA57![Y!T/XXKU!a5%)-5#6!Y:()6\$!:;!8.5#9A=\$!A5!Y:%:-!")#-5A57!#5(!?:5%-:6P!<#')-!'-)\$)5%)(!#%!%>)!2K%>![55!Y))%A57!:;!%>)!B:=A)%.!;:-!@)&-:\$=A)5=)!!Q#\$>A57%:51!8?!!B:=!@)&-:\$=A![,\$%-1!^:6!22!!<#-%!2!!'!\XI!
- _#f:,\$:5!"B1!+" [@[Z[@!_41!Y&5>#66!GZ!T/XXKU![5%A=A'#%:-.!=:5%-:6!:;!'-)=A\$A:5!7-A'!;:-=)!

 $+"[@[Z[@!_4!!QA57![Y!T/XX0U!S>)!);;)=\%!:;!\&-;\#=)!\%)W\%\&-)!:5!\%>)!')-=)'\%A:5!:;!R)A7>\%!$

- $a: \#55A() \$!Z1! [57)6) \$!_1! + "[@[Z[@!_41!H\$\$-.!8_!T/X\XU!4:,:\$!=\#6A,-\#A:5!\&\$A57!6) \#\$M\$O\&\#-)\$! \\ \#5(!':6\#-M()=:9':\$A\$A:5!;A6\%)-A57P!<\#')-!'-)\$)5\%)(!\#\$!+A-\$\%!a5\%)-5\#A:5\#6!B.9':\$A\&9!:5!.2(5(!':6)-0.2(P!<))$

_P!4#5(#66!+6#5#7#5!! <#7)!J/!

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232/\text{U}!\text{L}6\text{A}\$\#!4:, \texttt{A}=>\#\&(1!\text{C}\texttt{A}\#5\$>)57!\text{B}\&5!\text{T}232/\text{M}2322\text{U}!\text{!}\texttt{q}\texttt{A};\#5!\text{?}>)51!\text{]})\%>\#5:!<\texttt{A})\text{ } f\text{:}6\#!\text{T}2322\text{M}2322\text{U}!\text{!}\text{q}\text{A};\#5!\text{?}>)51!\text{]}
232JUP!
!
\sim Y) => \#5 = \#6! L57 = 5) - A57!! \ "A;) \\ !B = A)5 = )\$1! \ L57 = 5) - A57! <> . \\ \$A = \$! T : \$>) - RA\$) \\ !<\$ . => :6:7. \\ !U! >> :6:7. 
  :#1)"1&$'=&")$%&/'
YAf)!Y#e$#f~!
                                                                                                                                                                 L(P8P!!
                                                                                                                                                                                                                                                    /XXVM/XXK!
 ":-A!C&A55~!
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                                                                                                                                                                                                                                                    /XXVM/XXK!
 [$>RA5A!4#:~!!
                                                                                                                                                                   YPL(P!!
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  ?>-A$%A5)!S:57 !!
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                                                                                                                                                                                                                                                    /XXXM233/!!!
L-A5!Y#-&:f)!
                                                                                                                                                                   YPB=P!!
                                                                                                                                                                                                                                                    2333M233J! ?: M$&')-FA$:-$*!8:&7!Y&5:j1!B\\)'>)5!B=:\\!
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8:9A5A=!B\\(\frac{\pi}{5}\)(\frac{\pi}{1})!\(\sigma\)P\(\frac{\pi}{8}\)!\(\frac{\pi}{2}\)P\(\frac{\pi}{8}\)!\(\frac{\pi}{2}\)P\(\frac{\pi}{8}\)!\(\frac{\pi}{2}\)P\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}{8}\)!\(\frac{\pi}
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L; A)! <) -)A - #!	23/0!	YB=!	C&))5D\$!	i)#(D\$!8)6)7#%)!
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i # A6) . !Y = a55A\$!	23/0!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
B#9#5%>#!8-:F)-!	23/0!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
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B)#9& $!$ Q))=>!	23/J!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
Y.&-A!4&%>A-#f&>#5!	23/J!	YB=!	C&))5D\$!	a5%pLW%)-5#6!LW#9A5)-!
S#f#\$>A!YA%\$&.#!	23/J!	<>8!	C&))5D\$!	i)#(D\$!8)6)7#%)!
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r#5)!r>)57!	23/2!	<>8!	C&))5D\$!	i)#(D\$!8)6)7#%)!
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[5(-)R!<-&\$j.5\$fA!	23/3!	<>8!	C&))5D\$!	a5%pLW%)-5#6!LW#9A5)-!
8:-A\\#!?>\#57!	23/3!	<>8!	C&))5D\$!	i)#(D\$!8)6)7#%)!
_#5A=)!G#5!	23/3!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
_)\$\$A=#!]&-5\$!	23/3!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
Y :> \$)5!H9-#5A!	233X!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
[5(-)R!Y#\\#-!	233X!	<>8!	Y = ZA66!	LW%)-5#6!LW#9A5)-!
_:5#%>#5!])&f!	233X!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
_:#55#!Z:-)!	233X!	<>8!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
@A=>:6#\$!?:%>-:\$!	233\!	<>8!	Q)\$\(\)-5!	LW%)-5#6!LW#9A5)-!
4:,!Y#-A5:!	2331!	<>8!	C&))5D\$!	a5%)-5#6!LW#9A5)-!
Y = + (6!B.6F)	2331!	YL(!	C&))5D\$!	a5%pLW%)-5#6!LW#9A5)-!
Z):;;!GA57!	2331!	YB=!	C&))5D\$!	a5%)-5#6!LW#9A5)-!

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