```
"#$#%&#'!()(*!
                S&2'<!(&0 ='<!Y'=T3A<=\\U!
                                H)E23\&A!&K!?A\<*!X30)A\, 3'\\!&K!OE&'&,=E<*!5^^8!
                                >='&A<!='!>)\%23, )\%=E)\$!JE=3'E3<!)'G!12=\$&<\&02U*!5^^8!
                                : -&-$".\"\&'\\/ -<"\$+=-&+\\>*&*\$1\\
                                 ? "@%>*531530. '%9#&'%(: "$'%0&%A5*&*=051%
                                9-'-$".\\\d-1-\\B-\\C'\\&D\\\*\E\\\d053=\\&'\\A\\@5-..-\&5-\\(;\\\\\\\)
                               F30%C-+"%. "<<"%
&
-##''^{k}, #*)# . #+&-!/0), -%)' $(&
     "=') 'E=)$! > 3G=)*d!
                                                                                                                                                                        !595L5N4!5^6 996F!
               !
                                ! "#$!"##$%&"()*+),-'./+./01'234'.5.+.+.06!
                                %&'()*)'+).$-7*898:*9:!<4(*9!98(!=8>4%#?48#!@4:*%*)8%&!A!B)?$9.*%)8!)C!D8*#4(!E#9#4%!98(!=#9:*98!
                                7*898:*9;!<9,F4#\!65//HIJ!K"9,#)8!B)8C4,48:4!)8!L)M\%4");(!N),#C);*)!B")*:4!98(!7*898:*9;!@4:*\%*)8!
                                < 9F*8-!65//OU!A?4.*:98!7*898:4!A%):*9#*)8!< 44#*8-%!65//OU!PORS!=8(M\#.*9:!T.-98*U9#*)8!
                                EM ? ?4,!=8\\|#\|#4\|65//VII!=8\|4,89\|\*)89;!=8(M\\|#,\*9;!T,-98\|U\|#\)8!B)8C4,48:4!G5//VI!
    1.5L8N4!99: ^ 9-9@F!
               !
                                 ! "#$!"##$%&"()*+),-'./+....'3+.OV/<u>WH5H.+5//H+/./OX+Y!</u>
                                %&'()*)'+),$!Z"4!T"*)!E#9#4!D8*>4,%#['74(4,9;!S4%4,>4!Q98F!)C!P4\!]),F'!"#$%&'(")(*+%&%,+&'(
                                -, """ . +, !B) 8C4, 48:4!) 8!A - 48:[!N,)^{4}? 1898(!B) 8C; *: #8!) ! (!-8#4, 4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frac{4\frack{4\frac{4\fr
                               A\%): *9#*) 8! < 44#*8 - \%!65 / /VIJ!N9: *(?*:!P), #" \ 4\%#!7*898:4!B) 864, 48:4!65 / /1IJ!R =!B) 864, 48:4!08!
                                R8#,4$,484M,%"*$J! 48#M,4!B9$*#9;J!98(!=8*#*9;!NM^;*:!TCC4,*8-%!G5//1I!
      -F! +3#\3A*\S&')\2)'*\9//^*\bX&3<\?GT3A\=<='I\H=)<\1A&G#E\\+3T=3M<c\03<\='I\K&A\\H=)<3G\]='3\
                                                                                                                                     !@L9N4!598 585F!*./0&/12345.F!
                                +)%=' I<*d!
                                ! "#$!"#$\&''()*+).-'./+./.6'E.01.V1H.////6HH!
    di
               di
     @F! > )<<)*!> )<=, &*!S&')%2)'!+3#%3A*!)'G!OA=E!`=%a3M=%a*!9/5/*!b]23'!J2&#$G!"=A,<!J2)A3!;A3G=%!
                                M=\(\frac{1}{2}\)! \ \( \Omega \) \\( \Omega 
                                                                                          1^8L-N41@// @9@F!
                                ! "#$!"##$%&"()*+),-'./+./.H'3+3C*84:)+5//O+./+//H!
                                 %&'()*)'+).$!PORS!=8(M\#,*9:!T.-98\U9\#)8!K\*8\#4.\N.)-.9?!<44\#\8-\!G5//6IJ!A?4.\*:98\!7\*898:4\!
                                A\%\%): *9#*)8! < 444*8-\%!65//6IJ!RM, )$498!7*898:4!A\%\%): *9#*)8! < 444*8-\%!65//HIJ!D#9"! K *8#4,!OM%*84\%!
                               R: (8) ? *: \%!B) 8C4, 48: 4!G5 //HI!
     8F! ; 2)$, 3A<*!$&2 '*!) 'G!$&')\\2) '!+3#\3A*!9/59*!b (&M!X&!+3\=A33<!W)\$#3!Z=\\3!? ' '#=\=3<c!OT=G3 'E3!
                               KA& ,!1#D$=E!O ,O$&U33<*d!
                                                                                                                                                                                !98L:N4!9./5 9.-@6!
     !
             !
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! "#\$!<u>"</u>##\$%&''()\*+),-'./+./01',C%'""%/06! 1 &\*23'4-5/5)\*\$!PORS!b.OH/X! .\*/'0\$!E):\*9;!E4:M,\*#[!A(?\*8\*\#,9\#)8!a,98\#!!PQRS!S4\#,4?48\#!S4\\49,:"!B48\\4,!65//X\\5//OI! & & %&'()\*)'+),\$!A?4,\*:98!7\*898:4!A%):\*9#\*)8!<44#\*8-%!G5/..IJ!Q)%#)8!A,49!B)8\M?4,!7\*898:4! \$4\%49,:"!K),F\%")\\$!\G5/./IJ!P4\%\\$9,!N48\\\*)\8!K),F\%")\\$!\G5/./I!

6377.189%:;<=&\$'##>(,)?&-/@5\#A\B/C@.5D87\#E/10!

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. F! > \&AA='*!>)\#A33'*!S3KKA3U!R',)'*!J\#<)'!HA\&'=)AEaU_*!V3AI)')!P3'_\&T^*!)'G!S\&')\&2)'!+3\#\%3A^*!9/59^*!
                                                       bR'T3<='I!K&A!+3%=3,3'%4!Q23!>&G3A)%='I!OKK3E%!&K!"#'G!?<<&A%,3'%!J=a3!&'!%23!5eP!
                                                                                                                                                                                                                                                                                                       !@^L@N4!8-6 88/F!
                                                         (3#A=<%=E*d
                !
                                                         ! "#$-"##$%&"()*+),-"./+.0/0'3?,+/X+/100!
!
 6F! \quad |X3\$!V\#3AE=\&^*|X=) \quad |3^*!| \quad |G|S\&'| \\ |A|SA^*!9/5@^*!b>\#\|\#\|\$! \quad |\#'G|13AK\&A|, \quad |A|SB^*| \quad |A|SB^*|
                                                       V3'3A)\%3!?\$02)*d!
                                                                                                                                                                                                                                                                      !.^L@N4!5.6- 56/@GW
!
                                                                                                                                                     90&".01+%E*$%HIJK%LM((%F"#.%(G%6"=#-.1*&%(;"$'%
!
                                                        ! ''#$!<u>''##$%&''()*+),-'./+....'3)C*+.5/VX</u>!
                                                         1 &*23'4-5/5)*$!PQRS!b.6V0.!
                                                       %&'()*)'+),$!E=7S!K),F%")$!)8!<M#M9;!7M8(%!G5/.5IJ!LcDEZ!E[?$)%
```

!

55F!; 2)\$, 3A<\*!S&2'\*!)'G!S&')%2)'!+3#%3A\*!9/9/\*!b

8F! ; 2)\$ , 3A<\*!S&2'\*!\\$-T=)!JF!>=\\E23\\$\\*!S&')\\2)'!+3\\\3A\\*!)'G!

!

!

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9/5@!
                 JR'' + ! ] &A_<2&0!&'!R'<\#A) 'E3!_6+*5D3*.=a
9/5@!
                 ?, 3A=E)'!"=')'E3!?<<&E=)\=&'!>33\='I<\|F30.\'''-.<30\''\F(a\\
         !
         !
9/5-!
                 9/59!
                 JR"+! ] &A <2&O!&'!>#\\#)\$!"\#'\G<! 6+\*5D3\*.=a\\
9/59!
                 PHO+!; & 'K3A3 'E3!& '!J\\)\\3!) 'G!Z\&E)\$!13 '<=& '<! ? *\$"\&\\ ^ da\\
                 "R+J!; &'K3A3'E3!_?0&&-"<*.01a\N:&F/F.1D\\
9/59!
9/59!
                 ( f YJQ!JU, 0&<=#, !&'!(&#<32&$G!"=')'E3!_>*&2\, *&2a!
9/55!
                 5-!"!?''#)$!+3%=A3,3'\|+3<3)AE2!;&'<&A\|=\|,!;&'\|3A3'E3\|_^"130&2+*&\|/Ua\|
9/55!
                 J"J!"=')'E3!;)T)$E)G3%_(&&%($)*$7%? Ma!
9/55!
                 H&<\&'!; &\$313!; 3'\\3A!\&\!?<<3\!>)')13, 3'\\!; &'\\3A3'\E3!\&'!"=')'E=\\!>)\\_3\\<
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9/5@!
                                                                ( &#<32&$G!H32)T=&A!='!+=< U!?<<3\!>)A 3\\(4!?'!\R'\(3A')\(\)=\&')\$!13\(A)E\)=T3!
                                                               >"$B"$'\C#10&-11\\653**.a!
        9/5-!
                                                               Y'=T3A <= U!\&K!Q3g <! ?R > !R'T3 < , 3'h!; 3'h3A!; &'K3A3'E3!&'!R' < h=h#h=&')$!
                                                               R'T3<%.3'%! (#1+0&7%Lca!
                                                               Y'=T3A<=\U!&K!\A3I&'!;&'K3A3'E3!&'!R'<\=\#\=&')\$!R'T3<\\&A<!)'G!\\23!?<<3\\!
        9/5-!
                                                                >)')I3,3'%!R'G#<%AU!_A#2-&-7%\4a!
                                                               J''J!''=')'E3!; T)$E)G3! ?0"=07%9!a!
        9/5-!
        9/5-!
                                                                ?, 3A=E) '!0E\&'&, =E!?<<&E=)=&'!>33%='I<! 6"&%/0-2*%U(a!
                                                               PHO+7 \setminus g \texttt{K\&AG!J}) \texttt{oG7} \; ; \; "J70 \texttt{RO} "! \; ; \; \& \, ' \texttt{K3A3} \, ' \texttt{E3!\&'!} \; ( \; \&\# < 32 \& \$G!"=' \; ) \; ' \texttt{E3!} _ \setminus @E*\$ \; 'a\% \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \& \; | \; \; | \; \& \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \; | \; \;
        9/59!
        9/55!
                                                               PHO+! ( &#<32&$G!"=') 'E3!J#, , 3A!R' <\\=\\#\\3! U"= )$0'2-\%? (a!
        9/5/!
                                                               Y'=T3A<=\U!&K!\A3I&'!+3<3)AE2!; &'K3A3'E3!='!+3E&I'=\&K!\23!JE2&\A\U!
                                                                ; & '%A=D#%=& '<!&K!Z)AAU! 1 F!X) ' '!_A#2 - & -7% \ 4a!
        9/5/!
                                                               0'''!; & 'K3A3 'E3!& '!1A&K3<<=& ')$!?<<3\\!>)')I3, 3'\\!_4*\\-$'"=a!
        9//:!
                                                                ?, 3A=E)'!"=')'E3!?<<&E=)%=&'!>33%='I<!_8-;%\$.-"&17%!(a!
                                                                1 3<\\3A'!"=')'E3!?<<&E=)\\=&'!>33\\='I<! C02\\6D17\\? La!
        9//6!
                                      !
                                                                ?, 3A=E)'!"=')'E3!?<<&E=)%=&'!>33%='I<!_U305"2*7\\\!!a!
        9//6!
        9//.!
                                                               "=')'E=)$!+3<3)AE2!?<<&E=)\%=&'!>33\%='I<!!"1\%e-2"1\%8ea!
                                                                3<3A'!''=')'E3!?<<\&E=)%=&'!>33%='I<!, -11+*&-7%U \ a!
        9//.!
J3 << -\&'!; 2) = A!
         9/95!
                                                               H\&<\%\&'!:\&\%3I3!:\&'<\#,3A!"=')'E3!M\&A<2\&0!B0"\%b**=a!
        9/5^!
                                                               J"J!; T
        9/5@!
                                                               "=')'E=)$!R'\\3A, 3G=)\\=&'!+3<3)AE2!J\&E=3\\U!;\&'\\3A3'E3! h\#-)-5\\\U0\+]a\\
!
14\&1A), !;\&, ...=\\\33!>3, D3A!\Lp!G3'&\\3<!&'3!&A!, &A3!\1)O!='!<3AT=E3N!
        9/5. OA3<3'%!
```