

#-4\$,5* -15!+/!. +66587\$6!878-17-!

! K+J-,5!:)!>\$1B! :*-,&5<0!.,+/-00+,! 873++6!+/!.<J&7?!\$1'!>-\$'-,03&4!! EF>G! !

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$$\begin{split} &:= 3\&0!4\$4-, !J<\&' 0!+1!! "\#\%\&\$'()*\#\$-\%''\$-\%''/*0\%12\%2\%23'356\%7(8/59, \#(/\%3;3-\%2\%) \\ &<= \$(3>/?*\%@356\%'/'\$!5+!7+10\&'-,!53-!\&*4+,5\$17-!+/!07\$6-!/+,!<1'-,05\$1'\&1B!53-!B-+B,\$43?!+/!\\ &\%+5\&1B!\&1!7+15-*4+,\$,?!4,-0\&'-15\&\$6!-6-75\&+10)!D-!\$,B<-!53\$5!\$0!L\&53\&1M05\$5-!B-+B,\$43&7!03\&/50!\\ &05,-1B53-1!\$1'!0+\&'\&'?!+\%-,!0<77-00\&\%-!-6-75\&+1!7?76-0N!53-!<,J\$1M,<,\$6!'&\&\&'-!53\$5!1+<,&03-'!\\ &53-!K-4<J\&7\$10!/+,!'-7\$'-0!&0!-7\&40-'!J?!\$104\&5!J-5L--1!*-5,+!\$,-\$0!\$1'!53-!J\$6\$17-!+/!\$!\\ &05\$5-00!4+4<6\$5\&+1)!E0&1B!'$5$!/,+*!PQ!0L&1B!05$5-0!53$5!/-$5<,-!$5!6-$05!+1-!*-5,+4+&&5$1!$,-$!\\ &L\&53!$!4+4<6$5\&+1!-;7--'&1B!$!*&&&&&+1!,-0\&'-150N!L-!/&1'!53-0-!-//-750!$,-!4$,5&7<6$,6?! \end{split}$$

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! I 77+,' &1B!5+!+<,!\$1\$6?0&0!+/!05\$5-L&' -!-6-75&+10!J-5L--1!STPS!\$1' !STPZN!*+%-*-15! 5+L\$,' 0!53-!#-*+7,\$5&7!. \$,5?!&1!,\$4&' 6?!<,J\$1&[&1B!0<J<,J0!73\$,\$75-,&[-' !J?!3&B3!6-%-60!+/! ' -10&5?N!-531&7!\$1' !,\$7&\$6!' &%-,0&5?N!\$1' !-' <7\$5&+1\$6!\$55\$&1*-15!&0!03&/5&1B!I * -,&7\$00!4\$,5&0\$1! /\$<65!6&1-!/,+*!\$!6+1BM05\$1' &1B!<,J\$1M,<,\$6!' &%&' -!5+!\$1!-*-,B&1B!*-5,+M,-05!+/!05\$5-!046&5)!!</pre>

! 91!STST!#-*+7,\$5&7!4,-0&'-15&\$6!7\$1'&'\$5-!\+-!@&'-100!%+5-!03\$,-!&1!1-\$,6?!\$66!+/!53-!
* &66&+1M46<0!*-5,+0!\$1\$6?[-'!&*4,+%-'!,-6\$5&%-!5+!] &66\$,?!26&15+1!&1!STP^)!=3-0-!-//-750!L-,-!
05,+1B-05!&1!53-!8<1!@-65!0L&1B!05\$5-0N!*\$1?!+/!L3&73!B,-L!53-&,!03\$,-!+/!53-!05\$5-L&'-!%+5-)!91!
\$''&5&+1!5+!/6&44&1B!J+53!K<05!@-65!\$1'!8<J!@-65!0L&1B!05\$5-0N!@&'-1!L+1!-%-,?!05\$5-!&1!53-!
7+15-,*&1+<0!!</pre>

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4+685&7\$6!7+3-0&+1!&1!6\$,B-M07\$6-!0L&1B!05\$5-0!*-5,+0)!F-;5N!L-!4,-0-15!'\$5\$!-;\$*&1&1B!3+L! B-+B,\$43?!7+1'&5&+1-'!4\$,5&0\$1!0<44+,5!&1!STST!\$1'!53-!'-B,--!5+!L3&73!L&53&1!05\$5-!03&/50!&1! 4\$,5&0\$1!0<44+,5!L-,-!'-7&0&-!5+!53-!+<57+*-!+/!53-!4,-0&'-15&\$6!-6-75&+1!&1!53-!PQ!0L&1B!

 $= 3 - ! * \&66\& + 1M46 < 0!4 + 4 < 6\$5\& + 1!53, -03 + 6' !' &05\& 1B < &03 - 0!6\$, B - N!3\&B3M' - 10\&5?! * -5, +0!/, + * ! 0 * \$66 - ,M07\$6 - ! * -5, +0!53\$5! L 3\&6 - !\&1! < ,J\$1!\&1!/+, * N!' \&//-,!/, + * !53 - \&,!6\$, B - !7 + <15 - ,4\$,50!&1! \\ \& * 4 + ,5\$15! L \$?0)! C \&6\& + 1M46 < 0! * -5, +0!B - 1 - ,$5 - ! * +05! + /!53 - !1\$5\& + 100! - 7 + 1 + * &7! + <54 < 5N!/+, -&B1! \\ 5, \$' - N!\$1' !\&11 + \%\$5\& + 1!5 - 731 + 6 + B\& - 0!WC < , +!\$1' !D 3\&5 - 1!STPZ`! = + + * - ,!\$1' !H\$1 - !STPUX)! C \&6\& + 1M \\ 46 < 0! * -5, +0!\$60 + !0 < 44 + ,5!0\&B1\&/\&7\$15!\&1/, \$05, <75 < , -!\$1' !5, \$104 + ,5\$5\& + 1!1 - 5L + ,A0N!' - 6\& - ,! \\ -; 5 - 10\& - !4 < J & 7!0 - , & 7 - 0N!\$1' !, - _ <&, -!\$' * &1&05, \$58\% - !05, <75 < , -0!53\$5!7\$1!, & \% & &6!53 + 0 - ! + /!05\$5 - ! \\ B + \% - , 1 * - 150!W\#\$* + , -N! > &1BN!\$1' !\#\$1\& - 60 - 1!STSPJX)!!$

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, -0&' -150!' <-!5+!53-!b03+7Ac!+/!' &%-,0&5?)!] -!4, -' &75-' !53\$5!5+6-,\$17-!L+<6' !&17, -\$0-!\$0!53-! 7+<15,?!<,J\$1&[-' !\$1' !53-!4+4<6\$7-!J-7\$* -!-; 4+0-' !5+!* +,-!7+1/&75&1B!%\$6<-0)!85+<//-,! ! I 75<\$6!0&[-!+/!53-!7&5?N!+, !\$0!&1!+<, !\$1\$6?0&0N!53-!0&[-!+/!53-!*-5, +4+6&5\$1!\$, -\$N!&0! 0&B1&/&7\$15!/+, !<1'-, 05\$1'&1B!4+6&5&7\$6!+<57+*-0!/+, !0-%-, \$6!, -\$0+10)!(&, 05N!*-5, +4+6&5\$1!\$, -\$0N! &0!-\$0&-,!/+,!* &1+,&5&-0!5+!* +%-!/,+* !4++,-,!5+!,&73-,!1-&B3J+,3++' 0!J<5!53\$5!7\$1!+16?!J-! +J0-,%-' !\$5!\$!* -5,+4+&5\$1!B-+B,\$43&7!07\$6-) !

! =3&, ' N!4, &17&4\$6!7&5&-0!\$, -!&15-, 7+11-75-' !L&53!53-&, !0<J<, J0!\$1' !-%-1!5+!0+*-!' -B, --!
53-&, !0<, , +<1' &1B!, <, \$6!\$, -\$0!53, +<B3!5-6-7+**<1&7\$5&+10N!5, \$104+, 5\$5&+1N!\$1' !*-' &\$)!2&5&-0!
05, +1B6?!&1/6<-17-!53-0-!0<, , +<1' &1B!0<J<, J0!53, +<B3!53-0-!0\$*-!-7+1+*&7!\$1' !0+7&\$6!/+,7-0!
W] <BB&10N!\$1' !#-J&-0M2\$, 6!STPVX)!!</pre>

! I 0!(&073-,00!WPdZUX!0<J7<65<,\$653-+,?!4+0&50Wb53-!07\$6-!+/!<,J\$1!6&/-c!\$66+L0!/+,!1-L! &11+%\$5&+10!&1!0+7&\$6(\$1'!-7+1+*&7!J-3\$%&+,!5+!-*-,B-)!] &0&''-\$!+/!b7,&5&7\$6!*\$00c!0<BB-050!53\$5! 53-,-!&0!\$!7-,5\$&1!53,-03+6'!+/!4+4<6\$5&+1!1-7-00\$,?!5+!73\$1B-!+,!*+'&/?!0<J7<65<,-0!&1!<,J\$1! \$,-\$0)!=3-!6\$,B-,!53-!1<*J-,!+/!4+46-!+,!53-!*+,-!<,J\$1!53-!\$,-\$M53-!*+,-!53-0-!73\$1B-0! \$1'!-//-750!\$,-!b&15-10&/&-')c!!77+,'&1B!5+!(&073-,!WPdZUX!!b&15-10&/&7\$5&+1c!&0!53-!*-73\$1&0*! 53\$5!7,-\$5-0!1-L!0<J7<65<,-0W\$55&5<'-0!!\$1'!7+**+1!&15-,-050!53\$5!04&6&15+!%+5&1B!J-3\$%&+,)!! ! (+<,53WJ-7\$<0-!*-5,+!\$,-\$0!\$,-!*+,-!3-5-,+B-1-+<0W11+!0&1B6-!B,+<4!7+15,+60!53-! -15&,-!04\$7-!!1-7-00&5\$5&1B!7+6&\$J+,\$5&+1!!7+**<1&7\$5&+11!\$1'!J?!-;5-10&+1!!5+6-,\$17-!\$1'! \$77-45\$17-)!=3&0!&'-\$!&0!53-!J\$0&0!+/!11'-,0+100!!WSTPPX!1+5&+1!+/!b7+0*+4+&6\$\$1!7\$1+4&-0c!53\$5! 4,+%&'-!\$!*+,-!46<,\$6&05&7!04\$7-!/+,!B,+<4!-1B\$B-*-15)!>+/6\$1'!WPddZX!0<BB-050!53\$5!b,-4-\$5-'! &15-,\$75&+10!L&53!+53-,0c!6-\$'0!5+!5+6-,\$17-!}]

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 $(, + * !53 \& 0! 4 - , 04 - 75 \& - N!] < BB \& 10! \$ 1' ! # - J \& - 0M2 \$, 6! WSTPVX!' - 7 + 105, < 75!5 + 6 - , \$17 - ! \& 15 + !5 \bot + !$ ` & * - 10 & + 10 R! b5 + 6 - , \$17 - ! + /!' & / - , -17 - c! \$ 1' ! b53 - !5 + 6 - , \$17 - ! + /!53 , -\$5) c! 91! 53 - & 105 <' ?! + /!UZ! 7 + < 15, & - 0N! 5 + 6 - , \$17 - ! + /!' & / - , -17 - c! \$ 1' ! b53 - !5 + 6 - , \$17 - ! + /!53 , -\$5) c! 91! 53 - & 105 <' ?! + /!UZ! $7 + < 15, \& - 0N! 5 + 6 - , \$17 - ! + /!' \& / - , -17 - c! \$ 0! * - \$0 <, -' ! \& 1! 5 - , * 0! + /! \bot 3 - 53 - , !0 + * - + 1 - ! \bot + < 6' ! * \& 1' !$ $3 \$ \& \$ 1B! 0 + * - + 1 - ! \$ 0! \$ 1 - \& B3 J + , !J \$ 0 - ' ! + 1!7 < 65 < , \$ 6!' \& / - , -17 - 0! \$ 6 + 1 -) ! = + 6 - , \$17 - ! + /!53 , -\$5! \bot \$ 0!$ $* - \$0 <, -' ! \$ 0! \bot 3 - 53 - , !0 + * - + 1 - ! \bot + < 6' ! \bot \$ 15! 5 + !6 \& - !1 - \$, !4 - + 46 - ! \bot 3 + ! - 1B \$ B -' ! \& 1! ' - \% \& \$ 15!$ $J - 3 \$ \& + , !0 < 73! \$ 0! 3 - \$?!' , \& 1A - , 0! + , !' , < B! < 0 - , 0! \$ * + 1B! + 53 - , ! - < 665 \& - 0! = 3 - !, -0 < 650! 0.3 + \bot !53 - !$ $5 + 6 - , \$ 17 - ! + /! ` \& / - , -17 - ! \$ 1' !53 , -\$5! \bot \$ 0! * + , -!7 + * + 1! \$ 1! 6 \$, B - , !7 \& 5 \& - 0! \$ 1' ! \$ 1! 46 \$ 7 - 0! \bot \& 53 !$ - 6 \$ 5 \$ - 6?! 3 & B 3 - , !6 - % - 60! + /! - ' < 7 \$ 5 \$ + 1 \$ 6! \$ 555 \$ 1 * - 15)! = 3 - !0 * \$ 66 - , !\$ 1' ! 16 - 00! - ' < 7 \$ 5 - ! 153 - !0 4 \$ 7 - N! 53 - ! $6 + \bot - , !53 - !5 + 6 - , \$ 17 - ! + /!53 , -\$5! \$ 1' ! !53 - !6 - 00! \bot \& 66 \$ 1 B 1 - 00! 5 + !66 \% - !1 - \$, !4 - + 46 - ! \bot 3 + !J - 3 \$ \% - ! \$ 1! b 1 + 1M$ $5, \$' 8 \& 1 * 0! \bot \$? 0) c!!$

! =3-!* &66&+1146<0

! f%-1!53-!, -B&+1\$6!%\$,&\$5&+1!&1!0L&1B!05\$5-0!L&53!\$5!6-\$05!+1-!*&66&+1!46<0!*-5,+!53-,-! \$,-!,-\$0+10!5+!-;4-75!%\$,&\$5&+1!&1!53-0-!-//-750)!#-*+B,\$43&7\$66?N!\$!76-\$,!7+15,\$05!-;&050! J-5L--1!53-!8<1!@-65!0L&1B!05\$5-0!L3-,-!53-!6\$,B-!*-5,+0!\$,-!,\$4&'6?!B,+L&1B!\$1'!'&%-,0&/?&1B! \$1'!\$55,\$75&1B!3&B3-,M-'<7\$5-'!,-0&'-150!\$1'!53-!K<05!@-65!0L&1B!05\$5-0!L3-,-!53-0-!5,-1'0!\$,-! 6-00!4,-%\$6-15)!! B-1-,\$5-!53-!4\$,5&0\$1!*\$,B&1!+/!0<44+,5)!D-!\$60+!<0-!53-0-!'\$5\$!5+!*-\$0<,-!-\$73!*&66&+1M46<0! *-5,+00!03\$,-!+/!53-!5+5\$6!05\$5-!%+5-)!#\$5\$!/+,!7+<15&-0!53\$5!\$,-!1+5!4\$,5!+/!\$!*&66&+1M46<0!*-5,+! L-,-!\$BB,-B\$5-'!5+!B-1-,\$5-!53-!b,-05!+/!05\$5-c!*-\$0<,-!4,-0-15-'!&1!(&B<,-!S)!!

B1/?#%!8!>?)\$'!D%(%E!

 $= \$J6-!S10< * * \$, \&[-0!53-!4\$, 5&0\$1! * \$, B&1!/+, !53-!STP^!\$1' !STST!4, -0&* -15&\$6!-6-75&* 1!&1! \\ 53-!PQ!0L&1B!05\$5-0W53-!SY! * &&&&* 1W46<0! * -5, +0W53-!&15-, M-6-75&* 1!03&/5!&1!4\$, 5&0\$1!0<44+, 5W\$1' ! \\ 73\$1B-!&1!53-!*&&&&&* 1W46<0! * -5, +!03\$, -!+/!53-!&+5-)!&5\$5-0!$1' !* -5, +0!$, -!B, +<4-' !, -B&* 1$&66?! \\ <0&*1B!\$!8<1!@-65MK<05!@-65!/, $* -L+, A!1+5-' !$, J+%-)!(+, !53-!&<1!@-65!05$5-0WL-!B, +<4!(6+, &' $! \\ $1' !=-; $0!5+B-53-, !$0!b@&B!8<1!@-65c!05$5-0!' < -!5+!53-&, !6&$, B-!07$&6-!$1' !53-!/$75!53$$!-$73!05$$5-! \\ 3$0!/+<, !*&&&&& 1M46<0! * -5, +0)!=3-!-$05-, 1!WF-+, B&$WF+, 53!2$, +6&$1$W!$1' !G&, B&$1&$$X!$1' !L-05-, 1! \\ bF-L!8<1!@-65c!05$5-0!WI, &&[+1$W12+6+, $' +W!$1' !F-%$' $X!$, -!76<05-, -')!=$J6-!S!$60+!B, +<40!53-! \\ -$05-, 1!WC&73&B$1WE3&+W$1' !. -110?6%$1&$X!$1' !7-15, $&6!bK<05!@-65c!05$5-0!WC&$11-0+5$!$1' ! \\ D&07+10&1X)!(&B<, -!P!<0-0!' 5!/, +*!53-!b' &//-, -17-c!7+6<* 1!&1!=$J6-!S!5+!+, '-,!53-!SY!* &&6&&+1M \\ 46<0!*-5, +0!&1!5-, *0!+/!53-!*$B1&5<' -!+/!53-&&,!&15-, M-6-75&*+1!4$, 5&0$$$1!03&/5!/, +*!*+05! \\ K-4<J6&7$$1!5+!*+05!#-*+7,$5&7)!$

 $! I * +1B!53 - !PQ!05\$5 - 0!\&1!53 - !\$1\$6?0\&0N! (6+, \&' \$! \bot \$0!53 - !+J & \&+<0! + <56\& -,)! D 3\&6 - !@\&' - 100!$ $* \$, B\&1!' \&' !\&17, -\$0 - !, -6\$5\&\% - !5 + !2\&15 + 100!\&1! \oplus, 6\$1' + !\$1' !=\$ * 4\$N!53 - 0 - !\& * 4, +\% - * - 150! \bot -, -!$ + //0 - 5!J?!., -0&' - 15! # + 1\$6' !=, < * 400!0 <, B - !&1!C&\$ * &!53\$5!' - 6&% -, -' !53 - !8 < 103&1 - !85\$5 - 00!Sd! $- 6 - 75 +, \$6!\% + 5 - 0! / +, !53 - !F \oplus. !J?!\$!B, -\$5 -, ! - 0. 4(')3 - 0. 4(!4(-)0. 4. 3(,)0. 4(!) - 0. 17(\oplus 90. -0. 5(!) - 0') - 0. 4(1(B)0. 3))$

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+<54-,/+,*-'!26&15+1!J?!1-\$,6?!5L+!\$1'!\$!3\$6/!4-,7-15\$B-!4+&150!'<-!5+!/&%-M4+&15!&17,-\$0-0!&1! 53-!05\$5-00!5L+!*&66&+1M46<0!*-5,+0)!23\$,6+55-!\$1'!K\$6-&B3!\$60+!&17,-\$0-'!53-&,!03\$,-!+/!53-! 05\$5-L&'-!%+5-!7+*4\$,-'!5+!STP^)!!

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! 91!7+15,\$05!5+!53-!+53-,!bF-L!8<1!@-65!D-05№!F-%\$'\$!3-6'!05-\$'?!&1!STST)!=3-!&15-,M -6-75&+1!05\$J&&5?!&0!0<,4,&0&1B!B&%-1! -6-75&+1N!53-!#-*+7,\$5&7!*-5,+!*\$,B&1!&0!7+15,\$05-'!5+!53-!#-*+7,\$5&7!*\$,B&1!&1!53-!,-05!+/!53-! 05\$5-!W\$66!7+<15&-0!1+5!L&53&1!\$!*&66&+1M46<0!*-5,+X!\$1'!53-!+%-,\$66!05\$5-!*\$,B&1)!.+0&5&-!%\$6<-0! 85\$5-)!2+6+,\$' +00!3&B3M\$ * -1&5?!,-0+,5!5+L10!&1!53-!K+7A&-0!\$<B* -15!#-*+7,\$5&7!0<44+,5!&1! #-1%-,!\$1' !3-64!5+!+//0-5!53-!05,+1B!K-4<J&7\$1!%+5-!&1!2+6+,\$' +!84,&1B0N!53-!05\$5-00!0-7+1' ! 6\$,B-05!*-5,+)!!

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53-!05\$5-!4+4<6\$5&+1)!91!6\$05!5L+!7?76-0N!0&; !+/!53-0-!0-\$50N!\$66!&1!53-!8<1!@-65N!/6&44-'!5+!53-! #-*+7,\$50a5L+!&1!!,&[+1\$!\$1'!f-+,B&\$!\$1'!+1-!-\$73!&1!2+6+,\$'+!\$1'!F-%\$'\$)!!

 $\begin{aligned} &= 3-!, -0 < 650! \&1!05 \$5 - 0! _ \&53! * < 65\&46 - ! * \&66\&+ 1 M46 < 0! * -5, +0! \$, -!6 - 00!76 - \$, !7 < 5)!91!STST!@\&' -1! \\ &= +1!I, \&[+1\$N! _ \&73\&B\$1N!. -110?6\%\$1\&\$N!\$1' !G\&, B\&1\&\$)!@-0\&' -0!. -110?6\%\$1\&\$N!53 - ! +53 - , !53, --! * < 65\&M \\ &* \&66\&+ 1 M46 < 0! * -5, +!05\$5 - 0!3\$\% - !53 - !0 * \$66 - 05!05\$5 - !4 + 4 < 6\$5\& + 10!\$ * +1B!53 - ! - \&B35!0 < 73!05\$5 - 0! \\ &\$1\$6?[-')! = , < * 4! _ +1!(6 + , \&' \$N!F + , 53!2\$, +6\&1\$N! \oplus 3\& + N!\$1' ! = -; \$0N! _ 3&73!, \$1A!53\&, 'N!1&153N!0 - \% - 153N! \\ &\$1' !0 - 7 + 1'!, -04 - 75\&\% - 6?!\&1!5 + 5\$6!4 + 4 < 6\$5\& + 1)!! \end{aligned}$

! E16&A-!I,&[+1\$N!C&73&B\$1N!\$1'!G&,B&1&\$N!J<5!L&53!0+*-!0&*&6\$,&5&-0!5+!.-110?6%\$1&\$N!-\$73! +/!53-0-!05\$5-0!/-\$5<,-!0-%-,\$6!*-'&<*!5+!6\$,B-M07\$6-!4+4<6\$5&+1!7-15-,0)!D3&6-!53-0-!*-5,+0! \$,-!J-6+L!53-!*&66&+1M46<0!53,-03+6'N!53-?!\$,-!3+*-!5+!\$!</pre> I * -, &7 \$1!0 < J <, J0!\$, -!1 + L!0 + !6\$, B - M07\$6 - !\$1' !%\$, &-' !53\$5! &5! &0! &* 4 + 00 &J6 - !5 + !' - 76\$, -!53 \$5! - . &53 -, !4\$, 5?! * \$&155&10!\$!6 + 7A! + 1!53 - !0 < J <, J\$1!% + 5 -)!K - 4 < J6&7\$10!7 + 15&1 < -!5 + !3 + 6' !53 - !6 < 1 - . &16! + 15&1 < -!5 + !3 + 6' !53 - !6 < 1 - . &16! + 15&1 < -!5 + !3 + 6' !53 - !6 < 1 - . &16! + 15&1 < -!5 + 15&1 < -!5 + 15&1 < -!5 + 15&10 < 0 < J <, J0!53\$5! &, -!\$ < 5 + M' + * &1\$ &5 - 'N! * +056?! L 3&5 - N!7 + 10&05! * \$&16?! + /! 0&1B6 - M/\$ * &6?!' - 5\$ &73 - '!3 + * -0! + 1!6\$, B - !6 + 50N! \$1' !6& -!5 + L\$, '!53 - !* -5, +4 + &55\$ &1! - 'B -)!@ < 5! # - * +7, \$50!\$, -!, \$4&' 6?!B\$&1&1B!B, + <1' !&1! <, J\$1&[&1B!0 < J <, J0N! - 04 - 7&\$&66?!&1!53 - !8 < 1!@ -65N! L3 -, -!* < 65&/\$ * &6?!3 + <0&1B! * &; -0!L&53!7 + * -, 7&\$&6! < 0 - 0!53\$5!\$, -!&17, -\$0&1B6?!0 -, % - '!J?! 1 - L!5, \$10&5!0?05 - * 0)!WQdZX)!

 $\begin{array}{ll} 91!!) = 8\#(8*0\%12\%, 3*\%) 4\% = \$(3>/?*\%>>3-\$5'/*C3'3\$*W>\$1B!\$1'!><(<,B?!WSTTYX!k'-15k/?! \\ \label{eq:solution} \$100\%12\%, 3*\%) 4\% = \$(3>/?*\%>>3-\$5'/*C3'3\$*W>\$1B!\$1'!><(<,B?!WSTTYX!k'-15k/?! \\ \label{eq:solution} \$100\%12\%, 3*\%) 4\% = \$(3>/?*\%>>3-\$5'/*C3'3\$*W>\$1B!\$1'!><(<,B?!WSTTYX!k'-15k/?! \\ \label{eq:solution} \$100\%12\%, 3*\%) 4\% = \$(3>/?*\%>>3-\$5'/*C3'3\$*W>\$1B!$1'!><(<,B?!WSTTYX!k'-15k/?! \\ \label{eq:solution} \$100\%0\%, 1$

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f&* 4-6\!\\$* -0!f)\!F\$53\$1!>+\&1\!@,?\$15!C+?\!\$1' !I 1' ,-L!K--%-0)!STST)!b=3-!E,J\$1|K<,\$6!f<6/!! &1!! * -, &7\$1!. + &5&7\$6!@-3\$%&+,)c!L) "3'3>/"% \$2/;3) (%USWUXRPQUQI PQ^Z)! L L] <BB&10N!23,&05+43-,!C)!\$1' !\-//,-?!8)!#-J&-ON2\$,6)!STPV)!b=+6-,\$17-!&1!53-!2&5?R!=3-!C<65&6-%-6!! ://-75!+/!E,J\$1!:1%&,+1*-150!+1!.-,*&00&-!I55&5<'-0)c!M)#(5/%)4%7(8/5%<44/3(*!QY!WQXR! SVVMSVd)! L L \+3105+1N!K+1N!H-6%?1!\+1-0N!\$1' !#\$%&' !C\$16-?)!STP^)!b=3-!f`,+L&1B!84\$5&\$6!. +6\$,&[\$5&+1!+/!! ., -0&' -15&\$6!G+5&1B!&1!53-!E1&5-' !85\$5-0N!PddSI STPSR!C?53!+, !K-\$6&5?j c!L. 0%L) "3'3>/"% Į. % . >3\$5>\$%J%L)"3'3>0N!UdWUXR!Y^^MYYT)! L <' 80N! + 31!@)!\$1'!K < ?! = -&; -, &)!STTS)!12\$% = \$(6356% \$=) > (/'3>% N) (3'B)!F - L!h +, AR!87, & J1 -,)!L >\$1BN!K+J-,5!:)!\$1'!\-11&-,!@)!><(<,B?)!\$TTY)!!))=8#(8*0%12\$%3*\$%)4%<=\$(3>/?*%<>>3-\$5'/"% % C3'3\$*)!! D\$03&1B5+1!#2R!@,++A&1B0!9105&5<5&+1!.,-00)! II. >\$1BN!K+J-,5N!=3+*\$0!8\$173-[N!\$1'!!6\$1!@-,<J-)!STTZ)!b=3-!F-L!8<J<,J\$1!.+665&70R!1!2+<15?M

- ! @\$0-'!I 1\$6?0&0!+/!C-5,+4+6&5\$1!G+5&1B!=,-1'0!0&17-!STTT)c!91!, \$-+% "#\$+%J%L#(F"\$%
- % <=\$(3>/+!-')!K<?!

 $\begin{array}{l} ! \\ 85+<//-, N!8\$ * <-6)!PdVV)!C) = = \#53^* = +\%C) 54) (=3'B\%/5 - \%C3; 3''D38\$('3\$^*)!F - L!h + , AR!\# + <J6-'\$?)!! \\ ! \\ =\$ * N!D - 1'?!H)N! =\$ * !23 + N! \land\$ * -0!f)!f\$ * 4 - 6N!\$1'!9, &0!8)!] <\$)!STPQ)!bG + 5 - , !C &B, \$5\$ + 1!\$1'!53 - !! \\ ! f - +B, \$43&7!8 + , 5&1B! + /!53 - !! * - , &7\$1!: 6 - 75 + , \$5 -)c! < 55 / "*\%) 4\% 2\$\% < **) >3/'3) 5\% 4\% = \$(3>/5\%) \\ \% P\$) 6(/F2\$(*!PTQWUXR!ZV^NZYT)! \\ ! \\ =\$ - J + <5N!23\$6, -0!C)!PdV^)!b1!. < , -!=3 - + ,?! + /!> +7\$6!: ; 4 - 1' &5 < , -0)c!M) \#(5/''\%) 4\%L)''3'3>/''\%H>) 5) = B!! \\ ! VUWUXRUP^MUSU! \\ ! \\ \end{array}$

=+ * -, N!I ' &-!=+ * -, !\$1' !\+0-43!H\$1-)!STPU)!bC\$44&1B!(,-&B35R!=3-!] &B36?!2+17-15,\$5-' !F\$5<,-!! !

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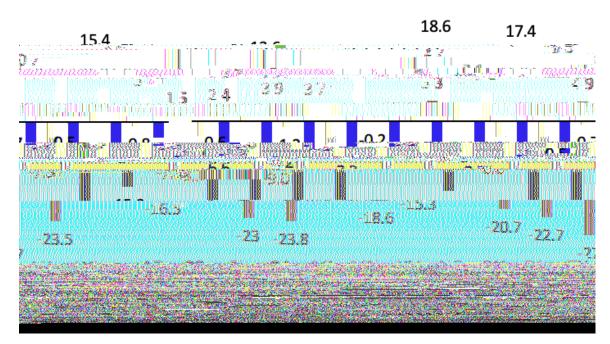
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