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; 4(\$)05\$'' \* /Y0+3+'''/39"k3E) %1 / (k) 3" / A1 1 + (%A"6+(J++3"6) %) J + %''/39"k3@+' () %'' / %+" \* / % (k804/%A" \* %) 64+ 1 / (k8"E) % = P0'2"(\$) ' +") 6' (/84+'"/% + "#43"1) % + "\* + %@/' &@ +"E) % + 3@k%) 31 + 3(/4"k33) @/(k) 3"\*%) b+8('" 0#+8+%+2" #) %%) 8\$ + %2" V) ' ' / %(" / 39" ZN1 / 3" he! q/2" I + 3' + 32" = 8\$DE+%' / 39" = (+\*\$/3" he! sR-"; 88) %9&354A2" & 1 1 / (0%(A") E" ') 1 + "j 0=" 1 / %B + ('2" / " 5% + / (+%" \* + %8 + &@ + 9" %k' B") E" (\$+" & 3@+' (1 + 3(" & 3" + 3@k%) 31 + 3(/4" & 33) @/(k) 3'"0; 5\$k) 32" x + 05 + 4 + %' '/39"] + 1 ) 0' "hees2" V \$k' + ((k" + ("/4"he! mR2"E& + %8 + "8) 1 \* + (k(k) 3"E%) 1 "E) ' ' & M E0 + 4W/EE & 3 + " & 8380 1 6 + 3(''/39"/3" & 3' 0EE & 8 + 3("% + 8) 53 & (k) 3") E" 84 & 1 / (+" %k' B' " & 37 % / (k35" 1) 9 + 4' 2" & 3840 9 & 35" (\$+" 6/3B' k") J 3" & 3(+%3/4"1) 9 + 4' 2" J) %B" & 3"E / @) %") E" E039 & 35" & 3' (%/k3(''/39") E(+3" & 3908 + "E & 3/38 & / 4" & 3' (k(0(k) 3'" () " \* A" / J / A" E%) 1 " 0 \* \* 4A & 35" (\$+" % + Y0 & % + 9" E039 ''0] ) (((+3%) (("/39" S + (+%' " he! h2" = 8\$DE + %2" = (+\*\$/3"/39"

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$$\begin{split} & \text{W} + "k' ' 0 + ") E^{\text{E}} E039k35^{\text{W}} 833) @/(k) 3' "k3" + 3 + J/64 + " + 3 + \%5A" ' 0 * *4A"0j Q=R"k'") E^{\text{U}} J k35"k3(+%+' ("6) ($^{\text{E}}) %E&M 1'" \\ & /39"*) 4&8A" 1/B + %'''''j Q="k33) @/(k) 3' "*/@ + "($ + "J/A"()"/4) J "8/%6) 3" + 8) 3) 1 A - #0%% + 3(4A2"4k((4+"k' "B3) J 3" \\ & /6) 0(" $) J" = PQ'" E&3/38 + "($ + " *0%8 $/' + ") E" 3 + J" 84 + /3" + 3 + \%5A" /39" (+8$3)4) 5k + '' 3 + 8 + ''/%A" ()" 1/B + " \\ & * \%) 908(k) 3"* %) 8 + '' + '''/39"9k' (%&60(k) 3"8$/33 + 4'"8&1/(+HE%+394A2"/39" J $/("%+''(%&8(k) 3'" = PQ'"E/8 + "@u'M M Meu'"4/%5 + "E&M 1'" & 3 * E&3/38k35" j Q = "k33) @/(k) 3' - F3"5 + 3 + \%/42" ($ + "E039k35"*) '' & 6&4&(k + '") E" j Q = "k33) @/() % 2"6 + " \\ & ($ + A") 3"($ + "E) % + E \%) 3("k3"/* * 4A&35"k33) @/(& = "j Q = "(+8$3) 4) 5k + '") % k3"8% + /(&35"3 + J "8&1 / (+M(+8$"") 40(k) 3'2" \\ & //* * 8) 3' ($ / k3 + 9 - "Q 3@& 3) 3 1 + 3(/4"k33) @/(& = "j Q = "(+8$3) 4) 5k + '") % k3"8% + /(&35"3 + J "8&1 / (+M(+8$"") 40(k) 3'2" \\ & //* * 8) 3' ($ / k3 + 9 - "Q 3@& 3) 3 1 + 3(/4"k33) @/(& 3"*%) b + 8('"/% + "4) 35M(+%1"8) 1 1 k(1 + 3('")E(+3"/'') 8&/(+9" J & ($ * " A6/8B" * + %) 9" \\ & //* * 8) 3' ($ / k3 + 9 - "Q 3@& 3) 3 1 + 3(/4"k33) @/(& 3" * %) b + 8('"/% + "4) 35" he! hR-" W$ + "4) 35" * /A6/8B" * + %) 9" \\ & /* * 81 1 /(O% + "/39" 8) 1 * 4 + L" (+8$3) 4) 5 A" 0Z41 ) '2" j 0 + '(+%'/39" K&) 35" he! hR-" W$ + "4) 35" * /A6/8B" * + %) 9" \\ & /* * A3E) %8 + '" ($ + " * +88 + & @ + 9" %/ B" ) E" '08$" & 3@ + '(1 + 3('"0V & k' + ((& " P)38k3 + 4& "P)NN/3(& "/39" [) 4&" he! mR-"F3" /99&(&) 32" & 33) @/(& = +" E&M 1'" ) E(+3" ) J 3" 4/%5 + ''() 8B'" ) E" & 3(/35&64 + '')' + ('' ($ /(" 8/33) (" 6 + " * 4 + 95 + 9" /''' 8) 4/((+%' 4'' 0. %) J 32" P/%(k3'') 3" /39" S + (+%' + 3" he! h2" #) '8&" P + 4&8k/3&"/39" = /6/() "he! g2" ] /442" P) 38/9/M \\ \end{pmatrix}$$

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W)" \*%) 908+" 8/0' /4" &3E+%+38+" ) 3" (\$+" (J)" Y0+' (&) 3'" ) E" \$) J" /" E&1k'" E&3/38&/4" ' (%+35(\$" /EE+8('" (\$+" 4&B+4&\$) ) 9" ()" 6+" /" '088+''EO4" 6&99+%" /39" \$) J" '088+''" &3E40+38+'" (\$+" 6&99+%k'" E&3/38&/4" ' (%+35(\$" /E(+%J /%9'2" #; "E&1' 1 0' ("6+"8) 1 \*/%+9" J &(\$"/\*\*%) \*%&/(+"8) 3(%) 4"E&1' -". &99&35"E&1'" (\$/("E/&4+9"()" %+8+&=+"/"#; "J) 049"6+" (\$+"&9+/4"8/39&9/(+'"E) %" (\$+"8) 3(%) 4"5%) 0\*" ) E" '088+''EO4" #; "E&1' 2"60("9/(/") 3" (\$+" 03' 088+''EO4" 6&99+%'' &'" 3) (" /@/&4/64+" &3" (\$+" WQC" 9/(/6/' +-"W\$0'2" J +" 1 0' (" /\*\*4A" /3" /4(+%3/(&=+" ' (%/(+5A"()"+'(/64&'\$"/"'0&(/64+"8) 3(%) 4"5%) 0\*2" 1 /B&35"0' +") E"; P; CQ?=2"/"9/(/6/' +") E"QO%) \*+/3"=PQ'"

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			VSS"#; "	VSS"#; "
W%+/(1+3("+EE+8("	Me-e!!! "	Ne-e!df"	Me-ehds "	Me-e!ed"
00	0Mh-q!R"	0M! -qsR"	0M! -g  R"	0Me-mhR"
S)'((%+/(1+3(" *+‰)9"	e-eeqhe"	e-eeg!d"	Me-eelhd"	e-eeefqh"
ш	0e-fgR"	0e-m! R"	0M! -edR"	0e-egR"
4) 50W) (/4"; ''+('R"	Ne-efef "	Me-eqdm "	Me-eqgd "	Ne-edss "
ш	0Mm-fqR"	0Mf-dhR"	0Mf-hhR"	0Md-feR"
#)3'(/3("	!-!qq "	!-eeh "	!-egq ″	e-sdf "
III	0!e-hhR"	Om-fgR"	0m-hmR"	0f-! dR"
9%&'/#8 1%,/	pQ="	pQ="	pQ="	pQ="
A+8. ('\$/#8 1%,/	pQ="	pQ="	pQ="	pQ="
B. )8,('\$/#8 1%,/	pQ="	pQ="	pQ="	pQ="
Z6'+‰/(&)3'"	!hdfe"	l!mh"	mhdq"	ql ff"

ш

	0M! -ehR"	0e-mhR"	0!-hl R"	0h-h! R"
4) 50W) (/4"; ''+('R"	e-eqdd "	e-eqfd "	e-eqdg "	e-eqel "
III	0g-geR"	Of-dl R"	0g-! hR"	0d-ssR"
#)3'(/3("	Me-qmg "	Me-qfq "	Me-qme "	Me-dgl "
111	0Mq-dqR"	0Md-dqR"	OMd-ssR"	0Mh-hfR"
9%&'/#8 1%,/	pQ="	pQ="	pQ="	pQ="

h!"

8/3"'0\*\*)%("(\$+"V%+/("V%++3"W%/3'&(&)3-"Z0%"'(09A"&'"/"8)3(%60(&)3"()"(\$+"'(&44"'1/4"60("5%)J&35" %+'+/%8\$")3"(\$+"Y0+'(&)3")E"J\$+(\$+%"5%++3"\*064&8"\*%)80%+1+3("&'"%+4+@/3("E)%"/"E&1k'"E&3/38+'-"G+" \$/@+"'\$)J3"(\$/("E&1'1"J&(\$"4)J"+Y0&(A"%/(&)'"/%+"/("/3"/9@/3(/5+"&3"8)1\*+(&35"E)%"/"\*064&8"(+39+%"F3" /99&(&)32"J+"E&39"(\$/("/J/%9NJ&33&35"E&11'"1/&3(/&3"4)J"+Y0&(A"%/(&)'"/E(+%"J&33&35"/"8)3(%/8("/J/%9-" G+"&3(+%\*%+("(\$+'+"E&39&35'"/'"/"'&53"(\$/("E&3/38&/4"&3'(&(0(&)3'"/%+"\*%+\*/%+9"()"()"()4+%/(+"4)J"+Y0&(A" %/(&)'"/'"(\$+"8)3(%/8("/J/%9"'&53/4'"8%+9&(J)%(\$&3+''-"

V%++3"\*064&8"\*%)80%+1+3("5/&3'"&38%+/'&354A"1)%+"/((+3(&)3"&3"(\$+"9&'80''&)3")3"\$)J"5)@+%31+3('"

%+8+&e&35"/3"/J/%9-"

G\$+3"/3/4AN&35"(\$+"8/0'/4"&1 \*/8(")E"J&33&35"/"8)3(%/8("/J/%9")3"(\$+"E&1'k'E&3/38&/4"'(%+35(\$2"J+" E)80'")3"(\$+"+YO&(A"%/(&)"/39"(\$+"'\$)%(M(+%1"9+6("%/(&)-"G+"E&39"(\$/("'088+''"4)J+%'"(\$+"+YO&(A"%/(&)")E" (\$+"'088+''EO4"E&1'"&3"(\$+"A+/%'"/E(+%"(\$+"'088+''"3)"1/((+%"J\$+(\$+%"(\$+"E&1"%+8+&e+'"/"(%/9&(&)3/4")% /"VSS"8)3(%/8(-"F3"8)3(%/'(2"J+")34A"E&39"/3"&1\*/8(")E"8)3(%/8("/J/%9'")3"(\$+"=WC. "%/(&)"&3"(\$+"'/1\*4+" )E"=PQ'"%+8+&e&35"/"VSS"8)3(%/8(-"F3"'011/%A2"(\$+"C&C"/3/4A'&'"\*%)@&9+'"+@&9+38+"(\$/("%+8+&e&35"/3" /J/%9"/44)J'"(\$)'+"E&1'"()"J)%B"J&(\$"4)J"+YO&(A%/(&)'-W&&'"1/A"&39&8/(+"(\$/("(\$+"/J/%9"k'"/"06'(&(0(+" E)%"/"\$&5\$"+YO&(A"%/(&)"/392"(\$0'2"J)%B'"&3"E/@)%")E"&1\*%)@&35"(\$+"E&1k'"/88+''"()"9+6("E&3/38&35"/E(+%"

J &33 & 35"\*06 & 8"\*%) 80%+1+3("(+39+%'-"

'&38+"J+"8/33)("8)3(%)4"E)%E&%1"/5+-"])J+@+%2"(\$+"%O4+'"O39+%"J\$&8\$"/"8)3(%/8("/J/%9"&'"5%/3(+9"/%+" @+%A"'(%&8("/39"%/%+4A"4+/@+"%))1"E)%'/O(\$)%(&+'"()"E)4)J"(\$+&%")J3"\*%+E+%+38+'-",)%'(\$&'"%+/')32"J+" E/@)%"(\$+"+L\*4/3/(&)3"(\$/("(\$+"E&%1'k"+EE)%("1/B+'"(\$+"9&EE+%+38+-",&%1'"J&(\$"4)J"+YO&(A"%/(&)'"/%+" O'O/44A"1)%+"E&3/38&/44A"8)3'(%/&3+9"/39"/%+"1)%+"&3"3++9")E"EO39'"/39"4&YO&89&(A"(\$/("/88)1\*/3A"/" 8)3(%/8("/J/%9-"W\$+"'\$)%(M(+%1"9+6("%/(&)"\$/'"/" &53&E&8/3("/39"\*)'&(&@+"+EE+8(")3"J&3&3&35"/"(+39+%" ,&%1'"J&(\$"\$&5\$+%"'\$)%(M(+%1"9+6("%/(&)'"/%+"1)%+"&B+4A"()"J&3"(+39+%'-"W\$+"+EE+8("1/A"/5/&3"%+E4+8(") (\$+"\$&5\$\*"&YO&89&(A"3++9'")E"+L\*/39&35"E&%1'-"W\$)'+"E&%1'"1/A"6+"1)%+"J&4&&35"()"\$+/@&AA"+35/5+"&3"

<sup>. %+</sup>E2"heesnem-"

<sup>; 5\$&</sup>amp;) 32"S-2"x+05+4+%'2"j -"/39"] + 1 ) 0'2"C-"0heesR-"C+/0'%%. /0'+L(M/L1(M+8(/1. . +R&(1+. -". %0+5+4"S) 4&8A")))))

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<+1 \*2"j -"/39"Z4(%/2"x-"0he!!R-"F%,%&'6M/1.,10M(,/&.)/6M&HM. 0%,/+./%6+>1..+R&(1+./)\$.&-16,X/B.)8,('\$/&.)/B..+R&(1+.2"!I0edR2"hqs€hfd-"

<&352"V-"0he!sR2"D1-OH15\$1.0/I &(6M1.0/I %(M+),/5+'/A&8,&H/B.5%'%.6%2"F3'(&(O(+"E)%"\_0/3(&(/(&@+"=)8&/4"

d!!geeeeMf"	d!!geeee"	S/%('")E"+4+8(%&8"1)()%'2"5+3+%/()%'"/39" (%/3'E)%1+%'"	h"
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