



3F4#\*12##\*(N/%#\*\$F/\*5(D/1#\*\$F2\$\*%/[&4%/\*21-/E%2\*2"D\*21'&1&#\*2"D\*/N/,%\*\$&D/"\$\*4#\*  
2##&5/D\*\$(\*F2N/\*2\*M(%Q4"-\*Q"(M1/D-/\*(J\*\$F/5;\*P##&'FO\*\$F/\*52\$F/52\$4'#\*G%/%/[&4#4\$/#  
M411\*E/\*#\*\$%4'\$1,\*/"J(%'/D;\*012##/##\*\$2Q/"\*4"\$\*F/\*#25/\*#/5/#\$/%\*2%/\*(\$\*#&JJ4'4/"\$\*;

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54D\$/%5O\*4"\*MF4'F\*2#/\*,(&%\*J4"21\*/\_25\*M411\*M(%\$F#F4-F/9241\*4J\*,(&\*54##\*5(%/\*  
\$F2"\*\$M(\*54D\$/%5#\*(%\*J4"21;\*+GQJ#2411)\*21'&12\$/211\*J(&%\*M2,#\*E/1(M\*2"D\*G4'Q\*\$F/\*  
F4-F/#\$(J\*\$F/5\*J(%\*,(&%\*-%2D);\*\*24

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8?UTP\*W\$F/\*82541,\*?D&'2\$4("21\*U4-F\$#\*P"D\*T%4N2,,YF'G(J/D/\$A'(5/\*#//  
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^::: K^X;â*	PK*	B::: KBX;â*	0K*
\B;: K^;^a*	eb*	dB;:Kd^;â*	Sb*
\L;: Kld;^a*	e*	dL;:Kdd;â*	S*
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54##/D\*B\*(%\*5(%/\*12##/#O\*,(&%\*-%2D/\*M411\*E/\*1(M/%/D\*\$(\*2\*eKY;\*3F/#/\*2E#/"#\*2%/\*  
4"\$D/D\*\$\*(N/%\*E(\$F\*N214D\*W411"/##O\*J2541,\*/5/%-/"Y\*2"D\*4"N214D\*%/2#"#\*J(%\*54#;  
'12##,\*(&\*"/D\*\$(\*2\$\$/D\*5(%/\*\$F2"\*\a\*(J\*12##\*5//\$4"-#\*\$(-/\$\*2\*G2##4"-\*-%2D/O\*MF4'F\*  
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5,\*"(\$/#;!\*J\*,(&\*54##\*2\*12##O\*,(&\*#F(&1D\*E/\*2E1\*\$\*(-/\$\*F/\*"(\$/#\*J%(5\*(/\*J\*,(&\*  
'12##52\$/#;\*(â\*2%/\*/'"(&%2-/D\*\$\*(5/\*\$\*5,(JJ4/\*F(&%#\*\$(D4#&##\*\$F/\*52\$/%421\*,(&  
54##/DO\*E&\$\*,(&\*5&#\*\$J4%#\$(E\$24"\*2"D\*-(N/%\*\$F/\*"(\$/#;T1/2#/\*%/N4/M\*\$F/\*52\$/%421\*  
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T%2'\$4!/\*G%(E1/5\*#/\$#\*M411\*E/\*G(#\$/D\*("\*\$F/\*'(&%#2"D/\$#4,\$M411\* @I3\*E/\*-%2D/D;\*\*  
T%(E1/5\*#/\$#O\*F(M/N/%O\*2%/\*,(%#\*E/#\$\*M2,\*J\*G%/G2%4"-\*2"D\*#&D,4"-\*J(%\*\$F/\*/\_25#C  
F4-F1,\*/'(&%2-/\*,(%\*\$(\*D\*,(%#\*E/#\$\*\$(#(1N/\*\$F/5\*(",(%#\*(M"(%\*M4\$F\*2\*#&D,\*-%(&G;\*\*\*

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2##4-"5/"\$#\*M411\*E/\*%2"D(51,\*-4N/"\*4"\*12##\*\$F%(&-F(&\$\*\$F/\*#5/#\$/\*2"D!\*/\_G/'\$\*,(&\$(\*  
E/\*%/2D,\*J(%\*\$F/5;\*P1#(\*\$M(\*\$2Q/KF(5/\*M%4\$4"-\*2##4-"5/"\$#\*M411\*E/\*-4N/\*,\*S/\$241#\*2%/E/\*2"(&"/D;\*\*\*

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'("J14\$#\$M4\$F\*#F/D&1/D\*/\_25#O\*2##4-"5/"\$#O\*(%\*%/[&4%/D\*2\$\$/"D2"/;!J\*,(&\*F2N/\*2\*  
'("J14\$O\*G1/2#/\*("2'\$\*5/\*2\$\*\$F/\*E/-4"4"-\*(J\*\$F/\*\$/%5\*#(\*M/\*'2"\*52Q/\*G%(G/\*  
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/"N4%("5/"\$;+&\$D/"\$#\*MF(\*J241\*\$(\*2DF%//\*\$(\*#&'F\*E/F2N4(%21\*#\$2"D2%D#\*52,\*E/\*#&Eh/  
\$(\*D4#4G14"/;\*82'&1\$,\*F2#\*\$F/\*G%(J/##4("21\*%/#G("#4E414\$,\*\$(%\*/2\$\*211\*#\$&D/"\$#\*M4;  
&"D/%#\$2"D4"-O\*D4-"4\$,\*2"D\*%/#G/'\$O\*\$(\*-&4D/\*'12##%((5\*D4#&##4("2"D\*\$(\*#/\$\*/2#("2E  
1454\$#\*("\$F/\*52"/%\*4"\*MF4'F\*\$F/,\*2"D\*\$F/4%\*#\$&D/"\$#\*/\_G%/##\*(G4"4("#;\*T%(J/##4("21\*  
'(&\*\$#/,\*2"D\*#/"#4\$4N4\$,\*2%//\*#G/'4211,\*45G(%\$2\*\$\*M4\$F\*%/#G/'\$\$(4"D4N4D&21#\*2"D\*\$  
D/214"-\*M4\$F\*D4JJ/%/"#/\*(J\*%2'/O\*1&\$&%/O\*%/14-4("O\*G(14\$4#O\*#/\_&21\*(%4/"\$2\$4("O\*  
N2%42"/O\*2"D\*2\$4("214\$4/#;\*012##%\*(#\$/%#\*2%/\*G%(N4D/D\*\$(\*F/\*4"#%&'\$\*(%\*M4\$F\*\$  
#\$&D/"\$i#\*1/-21\*\*25/;!\*M411\*-12D1,\*F("(%,(&\*%/[&/#\$\$(2DD%/##\*,(&\*E,\*2\*\*21\$/%2\$/\*  
"25/\*(%\*-/D/%\*G%("(&\*T1/2#/\*2DN4#/\*5/(J\*\$F4#\*G%/J/%/"'/2%1,\*4\*\*\$F/\*#5/#\$/%\*#(  
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2DF/%4"-\*\$(F/\*2'2D/54'\*4\$/-%4\$,\*G(14',\*(J\*\$F4#\*4"#4\$&\$4(";\*j4(12\$4("#\*(J\*\$F4#\*G(14',\*5  
4"1&D)')F/2\$4"-O\*G12-42%4#5O\*24D\*(J\*2'2D/54'\*D4#F("/#\$,O\*J2E/428E/(O,O,2"D\*  
\$F%/2\$/"4"-E/F2N4(%;\*P11\*4"4D/"\$#\*(J\*2'2D/54'\*54#("D&\$\*#F211\*E/\*%/G(%\$/D\*\$(\*F/\*  
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E/\*4"\*N4(12\$4("\*(J\*\$F/\*2'2D/54'\*4\$/-%4\$,\*G(14',\*M411\*E/\*#&Eh/'\$/\$4E(\$F\*2'2  
#2"\$4("#\*J%(5\*\$F/\*J2'&1\$,\*5/5E/%\*2"D\*("K2'2D/54'\*#2"\$4("#\*W4"1&D4"-\*E&\$\*(\$  
1454\$/D\*\$(\*&"4N/%#4\$,\*G%(E2\$4("O\*#&#G/"#4("O\*(%\*/\_G&1#4("Y,\*I\$F/%\*4"J(%52\$4("("\$F  
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WF\$\$G)HHMMM;'(1(%2D(;/D&HG(14'4/#HD4#'%454"2\$4(";F\$51O\*\$F/\*>"4N/%#4\$,\*(J\*0(1(%2  
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U/12\$4("#F4G#\*2GG14/#\$(\*211\*#\$&D/"\$#O\*#\$2JJ\*2"D\*J2'&1\$,,\*P"J2\$&\$D/"\$O\*#\$2JJ\*(%\*  
5/5E/%\*MF(\*E/14/N/#\*#HF/\*F2#\*E/"\$F/\*#&Eh/'\$(J\*D4#'%454"2\$4("\*(%\*F2%2##5/"\$\*E2#/D\*