## !"#\$\$%\$\$`&(\$)\*+, -\*,.&/,0&123%4"&1\$%4"5&

## 1+\$ - \$.4\$, &/, 0&6\*, 2+\*& (240\*%4, \*7&

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<u>"#!\$%&'()(\*%+!,-.!\$/&-0&\*'1)</u>"

:-(";2345,+"=6". / 00"23C6&B5()F(@"@3-&52%5+"&4,\$4,\$4,\$",(23-=6F"M425=,+4"26)"@(%'=3(",&",-("K6='(%@=,+"26)",-("\$4\*5=3"2@",-("\$%=<2%+"3%=,(%=2";&%"%(3&<<(6)=6F"::"26)"I:";2345,+"<(<\*(%@";&%"%(,(6,=&6A")));(4%)=0;&(%,-("\*%)=0;&(%,-("\*%)=0;);(%,-("\*%)=0;

 $\#55";2345,+"2\%("(J\$(3,()",\&"*("(;;(3,='(",(23-(\%@A"26)",(23-=6F"(;;(3,='(6(@@"<4@,"*(")(<&6@,\%2,()";\&\%"))))))))) \\ \%(,(6,=\&6A"\$\%\&<\&,=\&6A"26)"2B2\%)=6F"\&;",(64\%(D" \#@@(@@<(6,@"&;",(23-=6F"(;;(3,='(6(@@"2\%(")(\%='()A"2<\&6F"))))))) \\ \%(,(6,=\&6A"\$\%\&<\&,=\&6A"26)"2B2\%)=6F"\&;",(64\%(D" #@@(@@<(6,@"&;",(23-=6F"(;;(3,='(6(@@"2\%(")(\%='()A"2<\&6F"))))))) \\ \%(,(6,=\&6A"\$\%\&<\&,=\&6A"26)"2B2\%)=6F"\&;",(64\%(D" #@@(@@<(6,@"&;",(23-=6F"(;;(3,='(6(@@"2\%(")(\%='()A"2<\&6F")))))))) \\ \%(,(6,=\&6A"\$\%\&<\&,=\&6A"26)"2B2\%)=6F"\&;",(64\%(D" #@@(@@<(6,@"&;",(23-=6F"(;;(3,='(6(@@"2\%(")(\%='()A"2<\&6F")))))))) \\ \%(,(6,=\&6A"\$\%\&<\&,=\&6A"26)"2B2\%)=6F"\&;",(64\%(D" #@@(@@<(6,@"&;",(23-=6F"(;;(3,='(6(@@"2\%(")(\%='()A"2<\&6F"))))))))) \\ \%(,(6,=\&6A"3\%\&<\otimes(@,A))(6,"3\&4\%@("('2542,=\&6@A",(23-=6F"-\&6\&\%@"26)"2B2\%)@A"3\&6,\%=*4,=\&6@",\&"$()2F\&F+$ 

$$\begin{split} 1\&\%" I: ";2345,+4"\$\%\&<\&,=\&6"\%(M4=\%(@"(J3(55(6,"$(\%;\&\%<263("26)",-("$\%\&<=@("\&;"3&6,=64()")]))) \\ (J3(55(63("=6",(23-=6F"26)"@(%'=3()":-("326)=)2,("B=55"$\%($2\%("2",(23-=6F"$\&\%,;&5=\&"=6"233\&\%)263("))) \\ B=,-"K \# \%=L\&62"F4=)(5=6(@"26)"@-&45)"=6354)("=6)=32,&&@"&;",(23-=6F"(;;(3,='(6(@@A")=\%(3,",(23-=6F"))))) \\ &&&@(\%'2,=&6@A"('=)(63("\&;"@,4)(6,"<(6,\&\%=6FA"$())2F\&F=325"=66\&'2,=&6@A"26)"&,-(%"3&6,\%=*4,=&6@",&")), \\ &&&(\%'',-("I\&<<=,,((",&"\%('=G)":-("(J23,"3&6,(6,"&;"@(\%'=3("$\&\%,;&5=\&"=0"))($(6)(6,"&6",-("$2\%,=3452\%')))) \\ &&&&(\&\%'',-("I\&<<=,,((",&"\%('=G)":-("(J23,"3&6,(6,"&;"@(\%'=3("$\&\%,;&5=\&"=0"))($(6)(6,"&6",-("$2\%,=3452\%')))] \\ &&&&&(\&, 23,425"\&*5=F2,=&6@"\&;",-("326)=)2,(0"R,"3&45)"=6'\&5'("<(,\%=30",\&"20@(@@",-("F\%\&B,-"&;"2"))) \\ &&&&&&(\&, 23,425"\&*5=F2,=&6@"&;",*4,@=)("$2\%,6(\%@"26)"3\&552*\&\%2,\&\%0D"U(@(2\%3-"<2+"25@\&"*("$2\%,"&;",-("('2542,=&6A"4@=6F"2$$%\&&$*=2,(""3#,(%=2",-2,"25=F6"B=,-",-("326)=)2,(0@"2\%(2"\&;"(J$(\%,=@("26))")) \\ &&&&('',-("I\&<<=,,((",-("I\&<<=,,(("<2+"@&5=3=,"5(,,(\%@":%&<",-("K#\%=L&62"&%"B=))(\%'3\&<<<46=,+",&"(''2542,(",-("I\&<),-("I\&)))) \\ &&&&('',-("I\&<<=,,(("<2+"@&5=3=,"5(,,(\%@":%&<",-("K#%=L&62"&%"B=))(\%'3\&<<<46=,+",&"(''2542,(",-("@(%'=3("3&<)))))) \\ &&&&&('',-("(@(%'=3("3&<&&6(6,"&;",-("I:"))\&@@=(\%D"))) \\ &&&&('',-("(@(%'=3("3&<&&6(6,"&;",-("I:")))) \\ &&&&('',-("K\#=L\&62"&%"B=)(\%) \\ &&&&('',-("(\emptyset,\%))) \\ &&&&('',-("U\&)) \\ &&&&&('',-("U\&)) \\ &&&&&&('',-("U\&)) \\ &&&&&('',-("U\&)) \\ &&&&&&('',-("U\&)) \\ &&&&&&('',-("U\&)) \\ &&&&&&('',-("U\&)) \\ &&&&&&('',-("U\&)) \\ &&&&&&('',-("U\&)) \\ &&&&&&&('',-("U\&)) \\ &&&&&&&('',-("U\&)) \\ &&&&&&&('',-("U\&)) \\ &&&&&&&&('',-("U\&)) \\ &&&&&&&&('',-("U\&)) \\ &&&&&&&&('',-("U\&)) \\ &&&&&&&&('',-("U\&)) \\ &&&$$

1&%''26+"M4(@,=&6@''2\*&4,",-("\$%&3(@@A"I:"26)"::"326)=)2,(@"@-&45)"2\$%&23-",-("O=%(3,&%"&;",-(".3-&&50")))

\*? "SJ,(%625"a(,,(%@^"

: -("O=%(3,&&E@"5(,,(&"@-255"\*("3&6@=@,(6,"B=,-"I&55(F("26)"K6='(&@=,+"&45(@D":-("O=%(3,&&E@"5(,,(&" @-255"=6354)("26"=6)(\$(6)(6,"2@@(@@<(6,"&;",-("326)=)2,(E@")&@@=(&"2@"B(55"2@"@4<<2&=L(",-(" @4\*@,263("&;",-(")=@34@@=&6"=6",-(";2345,+"<(((,=6FD"N+"\$&5=3+A"326)=)2,(@"2&("=6;&&<()"&;",-(" O=%(3,&&E@"&(3&<<(6)2,=&6"=6"B%=,=6F">;&&"&&"2F2=6@,"&(,(6,=&6"&&"\$&&&<,=&6?"2@"@&&6"2@",-(" O=%(3,&&E@"&(3&<<(6)2,=&6"=6"B%=,=6F">;&&"&&"2F2=6@,"&(,(6,=&6"&&"\$&&&<,=&6?"2@"@&&6"2@",-(" )&&@@=(&"=@";&&B2%)()",&",-("O(26";&&";4%,-(&"%('=(BD"W&"2))=,=&625"=6;&&<2,=&6">;2345,+"'&,(" 3&46,@A",-("@4\*@,263("&;",-(")(5=\*(&2,=&6@A"(,3?"=@"%(\$&%,()",&",-("326)=)2,(A"\*+"I&55(F("26)"K6='(&",@=,+"\$&5=3+D")))

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I 26) = 2, (0 < 2 + 3 - && (0, 2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 ) < (2 - 0, -2 )