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% %
                                                                                                        MNO\%!FE\%I()*+,(-.\%1'?\%Z'B4C,(/'\%('\%MNO\%TBC++(BC4CK\%?*)*4/J*+U\%
                                                                        %
!"#F\TY144U\\
                                                                                                        MNO%PO#%M+/@+1K%M41''('@%1'?%R)14C1-(/'%
                                                                                                        MNO\%!F'\%5*1?*+,2(J\%1'?\%[+/CJ\%I.'1K(B,\%)]
                         %
                                                                             %
                                                                                                        MNO\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\protect\
                         %
                                                   %
                                                                             %
                                                                                                        MNO\%!Q''\%M+/0*, (/'14\%M41''('@\%('\%MNO\%))
R1,-*+'\%H1,2('@-/'\%\&'()*+,(-.\%
!"#Q%TH('-*+U%%
                                                                       %
                                                                                                         7 O 3 < \$#"\\ 51'\@C1\@*\\1'\?\\3/\B(14\\Z'-*+1\B-(/'\\\
!"#E%TY144U%
                                                                                                         7 O 3 < \$P!\O\*?(1\\\3.,-\*K,\\1'?\\7/KKC'(\B1-(/'\\<\\B2'/4/\@(\*,\\\
                                                                                                         7 O 3 < $ ED\ZK 1@*\O*, , 1@*\\O*1'('@\\
!"#E\T3J+('@U\
                                                                                                        N753\%; Q% [ 4/=14%7(-(X*',2(J\%1'?\%Z'-*+'1-(/'14\%</C+(,K\%TW'4('*\%1')))
!"#$\T3J+('@U\\
                                                                                                         7/C+,*U\T7C++(BC4CK\\I*)\*4/J\*+U\\\
                                                                                                        RWG""#\\W'4('*\\Y1BC4-.\\W+(*'-1-(/'\\T7C++(BC4CK\\I*)\*4/J*+U\\
!"#E%T3J+('@U%
!"#E\TH('-*+U\\
!"#$%TY144U%
!"#E\TH('-*+U\\
                                                                                                        N753\%; "\\\3*'(/+\\71J,-/'*\\('\\N*B+*1-(/'\\1'?\\5*(,C+*\\3*+)(B*,
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!"##%TY144U%%%%%%%%%%%TZ',-+CB-/+U%%%

!"#!%TY144U%

Z'-*@+1-*?%7/+*%I(,BC,,(/'%3*B-(/'%!"7/KK*+B(14%N*B+*1-(/'%1'?%

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&'?*+@+1?C1-*%L/'/+,%M+/`*B-%/+%<2*,(,8%a [ 4/=14%7(-(X*',2(J%M+/`*B-%<2*%BC4-C+*%1'?%+*4(@(/C,%-+1?(-(/',%/0%b*J149a%TY*=+C1+.%#"8%!"!"%G%: J+(4%!$8%!"!"U9%:?)(,*?_%O1??(*%341C@2-*+%%%)
```

- 3CJ*+)(,*?\\N*,*1+B2\\a7+*1-('@\\B/KKC'(-.\\^(-2\\C'?*+@+1?C1-*\\0+*,2K*'_\\&3Z\\/)*+'(@2-\\J+/@+1K\\a\\LCK1'\\3*+)(B*,9\\T:C@C,-\\!"#F\\G\O1+B2\\!"#DU9\:?)(,*?_\\Z6*\\Z,11B,/'\\
- $3CJ^{*+})(,^{*}\%N^{*},^{*}1+B2\%aM^{+}/@+1K\%J41''('@\%J1+-'^{*+},^{2}(J\%^{(-2\%\backslash 1B6},''\%7/C'-.\%M1+6,\%1'?\%N^{*}B+^{*}1-(''\%)=C(4?('@\%B/KKC'(-.\%-2+/C@2\%B/+'2/4*8a\%LCK1'\%3*+)(B^{*},^{\%}T:C@C,-\%!''\#F\%G\%O1+B2\%!''\#DU9\%:?)(,^{*}?_\%c+(,-1\\M1--''\%7/'''/+\\%3-**4*8\\b(B6\%>/-*44/GL*+'1'?*X\\)$
- $3CJ^{*+})(,*?^{N}N^{*},*1+B28\% a\ I^{*},(@'('@\%1'\%*VJ^{*+}(*'-(14\%*?CB1-(/'\%J+/@+1K\%0/+\%-2*\%71-1K/C'-\%3B2//4_\%<2*\%d3C+)()14\%W4.\ KJ(B,f8a\%LCK1'\%3*+)(B^{*},\%T:C@C,-\%!''\#F\\G\O1+B2\\!''\#DU\%:?)(,*?_\%3*1KC,\%74C'*8\\%72+(,\%<1+'*.\%$

Other Teaching

- $Y1B(4(-1-*?\%M/)*+-.\%3(KC41-(/'\%('\%M1+-'*+,2(J\%^(-2\%Z7:8\%O7:b\%M/)*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%\&N:M\%:^1+?\%J1+-(B(J1'-,9\%TW))*+-.\%3(KC41-(/'8\%Z63.,-*K\%N))*+-..\%3(KC41-(/'8\%Z63.,-*K\%N))*+-..\%3(KC41-(/'8\%Z63.,-*K\%N))*+-..\%3(KC41-(/'8\%Z63.,-*K\%N))*+-..\%3(KC41-(/'8\%Z63.,-*K\%N))*+-..\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...\%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))*+-....%3(KC41-(/'8\%Z63.,-*K\%N))*+-...%3(KC41-(/'8\%Z63.,-*K\%N))**+-...%3(KC41-(/'8\%Z63.,-*K\%N))**+-...%3(KC41-(/'8\%Z63.,-*K\%N))**+-...%3(KC41-(/'8\%Z63.,-*K\%N))**+-...%3(KC41-(/'8\%Z63.,-*K\%N$

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= -18\$1\&D! 9 \ G8\% \ S\ \%N\ /\ , *8\% \ \%T! "\#! U9\% < 2*\%? *K\ /B+1-(X('@\%J/-*'-(14\%/0\%1'\%/'4('*\%4*(,C+*\%,J1B*_\MY1B*_\MY1B*=//6\%1''?\%B+(-(B14\%-2/C@2-9\%;.+)\#. "+, -."6'K-1#."6'-:'X,#+1"6'B-221.,+,)%'''./'7-*, "6' U)+S-\#$\% 'GYPU8\%E; GFE9\%'' U)+S-#$$% 'GYPU8\%E; GFE9\%''
```

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./"2"*'&'()*2"
N*0*+**?M+*,*'-1-(/',)
5*@@8\R9\\TM+*,*'-*+\\S\: C-2/+U8\\=$)5+\\FD!96!=98\\<2*\: B1?*K.\\/0\\5*(,C+*\\3B(*'B*,\\: ''C14\\
                           7/'0*+*'B%\/'\N*,*1+B2\1'?\<*1B2('@\8\aZK1@('('@\-2*\0C-C+*\/0\,J/+-\-2+/C@2\1+-\\: '\
                           1]+]-/@+1J2(B%('mC(+.8a\&+=1'16721KJ1(@'8\Z59\TY*=+C1+.\##8\!"!\\G\Y*=+C1+.\##8\\!\"!\\U9\\
TM+*,*'-*+\$\: C-2/+U\\<2*\: B1?*K.\\/0\\5*\(,C+*\\3B(*'B*\\: ''C14\\7/'0*+*'B*\\/'\\N*,*1+B2\\
                           1'?\\<*1\B2('\@\\a\N1?(\B14\\4*(,\C+*,\\7+*1-('\@\\K*1'('\@0C4\\+*,\J/',*,\\1'?\\-16('\@\\1\\,-+1-*\@(\B\)
                           /00*',()*8a%&+=1'16721KJ1(@'8%Z59%TY*=+C1+.%##8%!"!"%6%Y*=+C1+.%#$8%!"!"U9%
=$)5+%FD!9G!=GD%cCKK8%>9%TM+*,*'-*+%S%:C-2/+U8%M1-*8%\9%TM+*,*'-*+%S%:C-2/+U8%<2*%:B1?*K.%/0%
                           5*(,C+*%3B(*'B*,%:''C14%7/'0*+*'B*%/'%N*,*1+B2%1'?%<*1B2('@8%a3/C'?^146('@_%:'%
                           1C+14\lJJ+/1B2\lph-/\lambda, /B(14\lambda^c,-(B*\lambda^2CB1-(/'8a\lambda+=1'1G721KJ1(@'8\lambda59\lambdaTY*=+C1+.\\##8\lambda!"!"\lambda6\lambda
                           Y*=+C1+. %#$8%!"!"U9%%
=$) 5+\(\(\mathbf{FD}\)! 9 6!=\(\mathbf{G}\)! \(\O\) \(\O\) \(\O\) \(\nabla\) \(\nabl
                             : ''C14\%7 / '0*+*'B*\% / '\%N*, *1+B2\%1' ?\%< *1B2('@\%a: 4-K*-+(B, \%O*1, C+('@\%-2*\%(KJ1B-\%/0\%))) 
                           B/'-*KJ/+1+. \\ \%4*(,C+*\%,B2/41+,2(J8a\%<2*\%:B1?*K.\%/0\%5*(,C+*\%3B(*'B*,8\%[+**')(44*\%b.79\%))))
                          TY*=+C1+. \(\hat{1}\) \(\O8\hat{1}\) \(\pi\) \(\hat{1}\) \(\hat{1}
                          %
=$)5+%FD!9G!=68%cCKK8%>98%N/,*8%\98%5*@@8%R98%T!"#;U%<2*%:B1?*K.%/0%
                           5*(,C+*\\3B(*'B\*\,\): ''C14\\7''0\*+*'B\*\/'\\N\*,\*1+B2\\1'?\\<\*1B2('@\\\aRK/-(/'14\\M\*?1@/@(\*,\)
                           3+1-*0(*, 0/+)*'010('0/, B(14)^{C}, (B*)('1-2*)B41, +//K8a)<2*
                           3B(* 'B*,8% [+**')(44*8% b 79\TY*=+C1+.\!\!08\\!\"#;\\G\\O1+B2\\#\\\!\"#;\\9\\\
=$)5+%FD!9G!=68%M1(,4*.8%c98%<2*%:B1?*K.%/0%5*(,C+*%3B(*'B*a,%:''C14%7/'0*+*'B*%/'%N*,*1+B2
                           1'?\%<*1B2('@8\%aY+/K\%a=1?\%0*K('(,-,a\%-/\%a'1,-.\%^/K*'_a\%N*-2('6('@\%*KJ/^*+K*'-\%('\%-2*)))))
                           1@*\/0\<+oKJ\8a\<2*\:B1?*K.\/0\5*(,C+\3B(*'B*,8\Z'?(1'1J/4(,8\Zb9\TY*=+C1+.\!'\8\!'\#DG\\
                           Y*=+C1+.\(\frac{1}{2}\)! P8\(\frac{1}{2}\)! "#DU9\(\frac{1}{2}\)
=$)5+\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}\\footnote{S}
                           7/'0*+*'B*\/'\N*,*1+B2\\1'?\<*1B2('@\\a<*1B2('@\\3/B(14\\C,-(B*\\0+/K\\M/,(-(/',\/0
                           Y*=+C1+.\(\frac{1}{2}\)! P8\(\frac{1}{2}\)! "#DU9\(\frac{1}{2}\)
```

1'14.,(,9%__;;

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3B2C4-X8\\98\= -18$1&D!9 (D!S \\7 ('?+(B8\\7 9\\T!"\#EU9\\I ()\*+,(-.\\1'?\\,/B(14\\`C,-(B\\('\\+\*B+\*1-(/'\\1'?\\
                        4*(,C+*\,*+)(B*\BC++(BC4CK\\?*)*4/JK*'-9\\4'\\+)#.'['\\D,.9\-.'\.,5)\\,+?'\@,5)\\,+?'[))\\\
                        P-''\#/'-:'0\#1\%+))\%'!-\%+)\#'7)\%,-.L'72*'*.8\%H:8\%&3:9\%
7/'0*+*'B*\%M1'*4,\%721(+*?\%
=-18$1&D!96\TO1.8\!"#$U9\Y*K('(,-\vC14(-1-()*\Z'mC(+.\<2*\\7/441=/+1-()*\\-2*\\N*41-(/'14\\1'?
                         7/KK*',C+1=(4(-.9\N1''6,+''+,5)';.Z1,\#?\d'721KJ1@'\*G&+=1'18\\Z5\\O1.\\!#G!\$\\
Z')(-*?\%:B1?*K(B\%M+*,*'-1-(/',\%
!"#E%TY*=+C1+.U%
                                                                          >\#-2':",\#?'+"6)\%'+-\%^{,.}?':1 \ a \ b \ )\#?Jc'[-2].\&'6),\%I\#)\&'"./\%Y(0-.\%321?*,\%
                                                                          7/'-*KJ/+1+.\%Z, C*,\%('\%Y*K('(,-\%N*,*1+B2\%))
                                                                          H/K*'1, 3-C?(*, 7*'-*+M+/@+1K)3J*16*+3*+(*, %)
                                                                          R1.-*+'\%H1.2('@-/'\%\&'()*+,(-.\%
                                                                           !)#:-#2,.9'*-66"T-#"+,5)'#)%)"#*DJ'8.',.+#-/1*+,-.'+-'/1-)+D.-9#"AD?%
!"#$\T:J+(4U\\\
                                                                           c*.'/-*13J*16*+1
                                                                                                                                                %
                                                                           v \& : 5 \text{ MDE}" \\M1+-(B(J1'-\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\MY(*4?^/+6\\M1'?\\R-2'/@+1J2.1,\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+)1-(/'\\W=,*+
```

[+1?C1-*\3-C?*'-\M/,-*+\3*,,(/'\1'?\7/KJ*-(-(/'9\&'()*+,(-.\/0\[*/+@(1"!"7/44*@*\/0\R?CB1-(/'\\

I*J1+-K*'-%/0%5(0*4/'@%R?CB1-(/'8%:?K('(,-+1-(/'8%1'?%M/4(B.)))))

%

```
!"#D\TO1+B2U\\\
                    d8*+'6,$)'"'6"/?E8*+'6,$)'"'2".Jc'OD)'%-*,"6'*-.%+#1*+,-.'-:'9)./)#'
                    MR\#!"GN1J*\%:@@+*,,(/'\%I*0*',*\%
Z')(-*?\%[C*,-\%5*B-C+*,GR1,-*+'\%H1,2('@-/'\%&'()*+,(-.\%))
!"#E%TO1+B2U%
                     \int D?'/-'; 'S''+*D'+D, \%'' Df+e' 4gA6-\#, .9'S-2).h\%' gA)\#, ).*)\%'-: 'S''+*D, .9'
                    OD)'P"*D)6-#%
                    RH\&H/K*'1,\%3/B(14\%74C=\%O**-('@\)
                     [-2].&'A-S)#'"./'+D)'2)/,"J'`8*+'6,$)'"'6"/?E8*+'6,$)'"'2".c'
!"#E%TY*=+C1+.U%
                    3WH c 1/E$#1/
                    !"#$\Tb/)*K=*+U\\
                     N753\%PE_\\RKJ4/. K*'-\\M+/B*,,*,\\('\\N*B+*1-(/'\\1'?\\5*(,C+*\\3*+)(B*,'
!"#$\\TO1.U\\\
                    F)./\#\%\% g1''6,+?\&'''./\# ''6,+?'+)6)5,\%,-.\%
                     HO3<\\P!\#\\3\*\\\1'?\\[\*'?\*+\\
                     `8*+'6,$)''''6"'/?E8*+'6,$)''''2". cJ'8.')gA6-#"+,-.'-:'A-S)#&'9)./)#&'
!"#$\to1.U\
                    A)#:-#2".*)&'"./'D)"6+D'
                    L5RI \\P00 \\H / K*'1,\\L*14-2\\Z,,C*,\\\
                    F\#-1A'>"*,6,+"+,-.'7\$,66\%'0\#",...9'7)2..."\#\%
!"#$\T:J+(4GO1.U\\\
                    Y/C+\\H**6\\7C++\(BC4CK\\0/+\\7/KKC'(-.\\\[1+?*'\\\[+1'-G3-1+-\\3/K*-2('@\>(@\)
                    L5RI\\!\"#\\Z'-+/?CB-(/\\\L\*14-2\\1\'?\\\H\*44\'\\.\\
                    OD) '`, .%'". /'-1+%c'-:'!#)^,J'B#) "+, .9'". ').9"9, .9'". /'A#-:)%%, -. "6'
!"#P\T3*J-*K=*+U\\\
                    A#)\%).+"+,-.L'
                    N753\%!"#\%Z'-+/?CB-(/'\%-/\%N*B+*1-(/'\%1'?\%5*(,C+*\%3*+)(B*,\%)
                    N1''6,+''+,5)'\#\%)"#*D'/)%,9.J'8.',.+#-/1*+,-.L''
!"#P%TWB-/=*+U%
                    N753%PDE M+/@+1KK('@M('MN*B+*1-(/'M1'?M5*(,C+*M3*+)(B*,M7/C+,*M)))
                                       2"/3(%"!
M+/0*, (/'14\% : B1?*K(B\%3*+)(B*\%
>4*\\#\&*0+!H1041\&.)*-!
7C++*'-%
                    : , , /B(1-*R?(-/+N!"<), %I#)'7*, ).*)
!"#FG!"#D%
                    7/G[C^*,-R^2(-/+3J^*B(14R^2(-(/'!"<),\%I^{\#})'7^*,).*)\%''
                    <(-4*_\!.' -A16"\(\frac{1}{4}\)',.'"'@,9,+"6'89)'
```

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(11&!<1I*1J1&!
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!"!"%TO1.U% Z')(-*?%N*)(*^*+!"3\$'4,%\$*/0'\$"0\$4% !"#;%TWB-/=*+U% Z')(-*?%N*)(*^*+%!"3\$'4,%\$*/0'\$"0\$4%

!"#;%T3

 $I*,B+(J-(/'_{3}-C?*'-,\%0+/K\%MNO\%PQ_{1}/\#-9\#''22,.9'''./'45''61''+,-.\%J1+-'*+*?\%^{(-2\%-2*\%71-1K/C'-\%3B2//4\%-/\%J+/)(?*\%1\%-2+**G'')$

Ī

! , /&*'2!&*#!2%+)1&/2+(.2!

! !"#D%

=\$) 5+%FD%79%39%TM+('B(J14U8% H *44,8% [9% O 9%T7 / GM+('B(J14U8% I 1)(,8%<9% TZ')*,-(@1-/+U8% I ([(1B('-/8%c 9%T7 / GM+('B(J14U8%>+1?,21^8%39%T7 / GM+('B(J14U8%aRKJ/^*+('@%,-C?*'-,%-/%B/K=1-%J/)*+-.%-2+/C@2%B/KKC'(-.%1B-(/'_%

```
!
!"#!% % R?CB1-(/'14%N*,/C+B*%I*)*4/JK*'-%7/C'B(4%3B2/41+,2(J%Tx$"""U%
&'()*+,(-.%/0%&-12%L*14-2%3B(*'B*,%7*'-*+%

%
!"#!%% %
I+9%5(''%N9%N/B6^//?%R'?/^*?%3B2/41+,2(J%TxFE"U%
```

&'()*+,(-.\%/0\%-12\% I*J1

7144(*%3J*'B*+%3B2C4-X8%M1@*%#;%

```
%
                                                               7 \, / \, '0*+* \, 'B*\$ a : ?)*' \, -C+* \ R \, ?CB1-(/\, '\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, H \, *, -*+ \, '\%7 \, 1+/4 ('\, '1\%7 \, / \, '0*+* \, 'B*\$ a \% \, A \% \,
!"#:%
                                                               &'()*+,(-.8%>+*)1+?8%b79%TWB-/=*+%#8%!"#;U9%
!"#D%
                                                                H/+6.2/J\%aM/)*+-.\%3(KC41-(/'\%Y1B(4(-1-/+\%<+1('('@8a\%O(,,/C+(\%
                                                                7/KKC'(-...): B-(/...)** - ^/+6\%3-\%5/C(, \%O(,, /C+(\%&3:\%Tb/)*K=*+\#!8\%
                                                                !"#D\\G\\b/)*K=\\#P\\!\"#DU9\\
!"#D%
                                                                7/'0*+*'B*8\%ab1-(/'14\%N*B+*1-(/'\%1'?\%M1+6,\%:../B(1-(/'\%7/'0*+*'B*\%))
                                                                7W:MN<\%<+1('('@8a\%bNM:8\%Z'?(1'1J/4(,8\%Z'?(1'18\%&39\%T3*J-*K=*+\%!!8\%)))
                                                                !"#D%G%3*J-*K=*+%!P8%!"#DU9%
!"#D%
                                                                : B1?*K. \%aL*14-2\R?CB1-/+n.\%: B1?*K. \G<*1KG>1.*?\\5*1+'('\@\\>//-\%
                                                                71KJ8a\L*14-2\S\LCK1'\\3B(\*'B\*,]7/C4-\*\Y1BC4-.\\7/KK/',\8\\7C44/^2\*\8\\
                                                                b /+-2%71+/4('18%&3:9%T\C4.%P"8%!"#D%G%: C@C,-%P8%!"#DU9%
%
!"#D%
                                                                H/+6,2/J\%a<2*\%:B1?*K.\%/0\%5*(,C+*\%3B(*'B*,\%vC14(-1-()*\%N*,*1+B2\%))
                                                                H + (-('@hN*-+*1-8a) < 2*h : B1?*K . h/0h5*(,C+*h3B(*'B*,8hZ'?(1'1J/4(,8h))))
                                                               Z'?(1'18%&39%TY*=+C1+.%#F8%!"#D%G%Y*=+C1+.%!"8%!"#DU9%
!"#F%
                                                                H/+6.2/J8%a3: YR%q/'*%<+1('('@8a%H7&8%7C44/^2**8%b78%&39%
                                                               T3*J-*K=*+%!"#F%G%WB-/=*+%!"#FU9%
                                                               <2*%H/K*'1,%7/'0*+*'B*%
 !"#E% %
%
                                                               3J/61'*8\H:\O1+B2\\#0\\
1
                                                               #""!"\: ''C14\\&'()\*+,(-.\\M+/0\*,,(/'14\\1'?\\7/'-('C('\@\\R?CB1-(/'\\
!"#E%
                                                                : , , /B(1-(/'\%7/'0*+*'B*\%T\&M7R:U\%H1,2('@-/'8\%I9798\%O1+B2\%P''G:J+(4\%#\%T)))
!
!"#E% %
                                                               H1,2('@-/'\%3-1-*\%L(@2*+\%R?CB1-(/'\%<*B2'/4/@.\%7/'0*+*'B*\%)
                                                               3J/61'*8\H:8\O1+B2\\#!G\P\
%
               %
!"#$%
                                                                HZ7LR\%7//J*+1-(/'\%0/+\%R?CB1-(/'14\%<*B2'/4
```

N . . N

*?CB1-(/'\4*1?*+,2(J\K/?C4*,9\M1+-'*+*?\\^(-2\1'\\/C-?//+\1?)*'-C+*\\
B/KJ1'.\TZbORU\=1,*?\/C-\/0\\>1'@14/+*\Z'?(19\\

!"##\\\3CKK*+\\ \\\\\\\\\