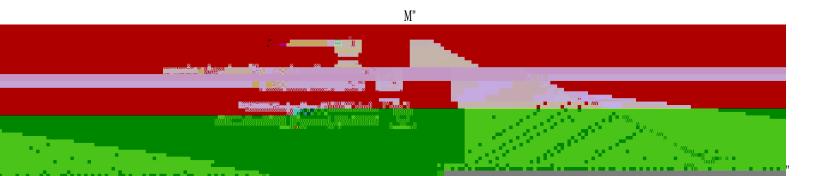


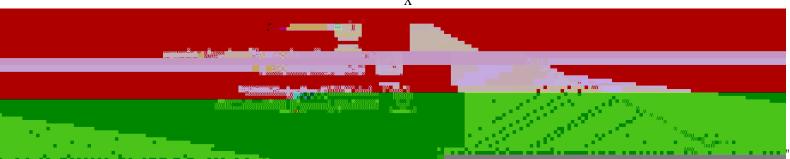
C,8J2J,-5<Z"C>8C5=8<"P5=5\"1A-",CC>=J28@"->":,;5<"\$,==>336"-/5=5",=5"C5=-,28"-/28@<"-/,-" ,=5",3=5,J0"; 58-2>85J",8J"-/5=5"/,I5".558"=A8Y>99"535C-2>8<"28"-/5"4=5I2>A<"05,=<K" [>28@" 9>=P,=J6"P5"C,8",JJJ"-/2<"28",".>3J"9>8-">8"-/5"C>J5">9"C>8JAC-",8J".03,P<{"F%+=33'"* <, 0<"-/, -">8"-/5", @58J, 6"2-"<, 0<") A8Y (99"%4=23"!X"#"->"-/5"!0"#6". A-"2-"</>A3J"FA<-".5"-P>" J, O<K"#-"</>A3J". 5"9=>; "%4=23" ! X^{"#}"->"-/5" ! \^{"#}K" T 5"855J"->"C/, 8@5", 8J"C>==5C-"-/5". 03, P<" ->"=5935C-"P/,-",") A8Y>99"P>A3J".5".,<5J">8K"T/58"0>A"3>>S",-"/2<->=06"P5"/,I5"->"P52@/" >A-"-/5" I, @A585<<">9"-/5"3,8@A, @5"28"-/5".03, P<"I5=<A<"P/,-">A="4=,C-2C5"/,<".558"9>=" ;>=5"-/,8"-58">=";>=5"05,=<K"T5"; A<-"C>8<2J5="8>-"J>28@";>=5"/,=;".0"8>-".528@" C>8<2<-58-"->">A="4=>C5<<"I5=<A<"<-.028@"C>8<2<-58-"P2-/">A="4=>C5<<%I"#9"P5";>I5"9>=P.=J" P2-/"<>; 5">9"-/5"C>8C5=8<"-/5"C,8J2J,-5<".=>A@/-"9>=P,=J6"P5"P233"-/58"@5-"-/5">44><2-5" C>8C5=8"9=>; "C,8J2J,-5<"-/,-"P>A3J"/,I5".558"28"<5C>8J"43,C5",8J"P>A3J"/,I5";>I5J" 9>=P,=J"9>="-/5"=A8Y>99K"D28C5"P5"P,8-"->"-,S5"-/5".03,P<"C3,=2-0"->"-/5"1>,=J"->"=5I25P" -5=; <">9"-/52="=A8Y>99"535C-2>8<[" ' /2<"C,8".5"J>85"28"-/5"<A; ; 5=",8J","=5C>; ; 58J,-2>8" C,8".5"; ,J5"28"-/5"9,33K" 1 (* G3#H#"", <S<"29", 80>85" P>A3J"32S5"->"<45,S">8"-/5"=A8Y>99" 535C-2>8<{"**F**@*+=**33**'"""; 58-2>8<"-/,-"-/5"=A8Y>99".,33>-"/,<".558"J>85",8J"2<"=5,J0"->"@>K" T 5", =5"@>28@"->"C/5CS".8J"A43>, J"-/5"A4J,-5J"I>-5=Z<"@A2J5"-/,-"7K"&5928"C>;435-5JK" T 5"28C3AJ5J"3,8@A,@5">8"-/5"->4">9"-/5".,33>-"-/,-"=5;28J<"<-AJ58-<"-/,-"-/50"/,15"->".5" 58=>335JK"T 5"855J"->"P>=S">8"-/5"5; .23<"-/.-"?K"B28=2C/<"P233".5"..35"->"<58J">A-"->".33" >9°C, : 4A<", 8J°P5°P233°C>8-28A5°P2-/"<>C2,3" : 5J2,1" - @*T&(3&\$>)", <S<"/>P" : .80"5 : .23<" </>A3J".5"<58-">A-K"D/>A3J"2-".5"-P2C5", "J,0">="5,C/"J,0]"1(*G3#H#"",<S<"29"-/5"EA5<-2>8" 2<"J2=5C-5J"->P,=J<"F(*+=33'"")="-/5"58-2=5"C>; :2--55K" - (*T(3))-(-,-5<"-/,-"</5"P,8-<" ->"S8>P"9=>;"-/5"58-2=5"C>;;2--55K"N@*N=U/##"<-,-5<"-/,-"-P>"9>="-/5"92=<-"J,06">85"28"-/5" ;>=828@",8J",8>-/5="28"-/5"3,-5",9-5=8>>8K":,;5<"\$,==>336"C,8"0>A"<58J"5;,23"->"-/5" \$DV+1"#8<-.@=, ; ", J : 28"<>"-/.-"/50"C.8"=54><-"P/.-"/.<".558"4><-5J">8">A="#8<-.@=, ; " ,<"P533]"F0*+=33'"""=54325<"-/,-"/5"C,8"J>"-/,-K"B0*C#0&("<-,-5<"-/,-"9>="-/5"I>-5=Z<"@A2J56" 2-"FA<-"855J<"->".5"J>P83>,J5JK"F@+=**33'**"""<,O<"-/,-"/5"P233"/,I5"->"J>P83>,J"2-",8J"-/58" J>"-/5"328S"->"-/5"..33>-K"N@*N=U/##",JJ<"-/,-"</5".5@,8"->"4><-">8"#8<-.@=,;"JA=28@"-/5" P55S58JK"#"P233".5"J>28@"<>:5-/28@"J2995=58-"9>="-/5"=A8Y>99<K"#".3=5, J0"5: .235J"7=2<" *2</,=>>8",8J"/2<"<-,99%"T 5"P233"/,15"-/=55"J2995=58-"9305=<"9>="-/5"C.8J2J,-5<6"28<-5,J">9" /,I28@"J2995=58-"4><-<\\"1 (*G3#\\#"";58-2>8<"-/,-"/5",8J"7 \\"&5928"P5=5"<45,S28@">8"2-\\" / 5" .5<-"2J5,"2<"->"/,I5"-/5; "<2J





!

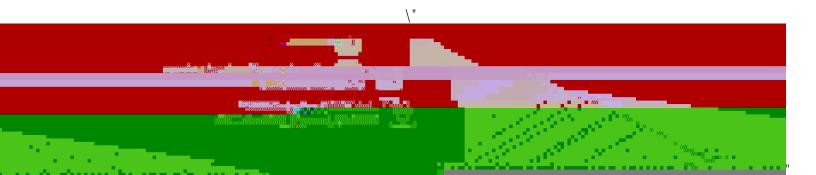
A8C35,="



Χ"



 $\begin{array}{l} \label{eq:constraint} & (CC5<<2.35"->"; & (80"45>435K"D28C5"-/2<"2<", 8", <<A; & (4-2>86"P5"855J"->", <S"/2; "C35, =30"29"/5"/, <", & 80" \\ & (4=>>9"29"8>-6"P5"C, 8"-/288">9"<; 5-/28@"53<5K"F0* +=33'"""</td> & (4=>9"29"8>-6"P5"C, 8"-/28S">9"; 5-/28@"53<5K"F0* +=33'"""</td> & (5,220); 5-21, "-/5"*2=5C->=">9"B>A<280K" / 5=5", =5"-P>"2<<A5<"-/, -"P>A3J". 5"4, =-">9"-/, -", 3350, -2>8K" (85" .5280"P/, -"-/50"P>A3J"855J"->"J>", <", 8"535C-2>8<"C>; ; 2--55"->"2815<-20, -5", 8J"J5-5=; 285"29"-/5=5" \\ P5=5", 80"12>3, -2>8<"->"-/5"C>J5K"T /2C/"29"C, ; 4, 2082806"32S5", 8") %"=>35"-/, 8"-/, -"P>A3J". 5", "12>3, -2>8K"B>P515=6"P5"855J"->".5", .35"->" \\ 4=>15"-/, -K"D54, =, -5306"29"?, =S"953-"-/, 8"-/, -"P>A3J". 5", "12>3, -2>8K"B>P515=6"P5"855J"->".5", .35"->" \\ 4=>15"-/, -K"D54, =, -5306"29"?, =S"953-"-/, 5"855J<->"9>33>P"A4"P2-/", "<-AJ58-"5; ; 43>055"=50, =J280" \\ 80". 5/, 12>="-, 8"-/, -"P>A3J". 5", "45=<8853"; , --5="-/, -"-/50"P>A3J"855J"->"9>33>P"A4K" ' /50"/, 15" \\ 35-"?, =S"S8>P", .>A-"P/, -"P5"/, 15". 558"J>280", <"9, =", <"2815<-20, -280", 8J"05--280"C3, =2-0K" T 5"P233" \\ </td>>>853'' - (-1, -"P5"/, 15". 558"J>280", <"9, =", <"2815<-20, -280", 8J"05--280"C3, =2-0K" T 5"P233" \\ </td>>>855J", -9=, :, .35"->">>855J", -9=, :, .365J5J5", -5">>85853">>80"55J>10">10">10">10">10">10">10">10">10">10">10"$

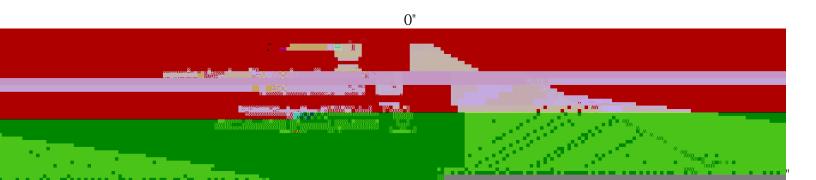




289>=;, -2>8". A-", =5"8>-"; >I28@"9>=P, =JK" 1 (*G3#H#'''<-, -5<"2-"J>5<"<55; "<, 95"->", 33>P", "C>;; 2--55"; 5; .5="->"<, 0"-/50", =5">992C2, 330"=A8828@"9>=", "4><2-2>8K"B5"J>5<8Z-"-/28S"-/, -"</>A3J".5", "458, 3-0" 9>=", 80>85K"B>P515=6"2<"</5"2<"J2<CA<<28@"2-">I5=", 8J">I5="28"-/5"; 55-28@<"-/, 8"2-"; 0".5C>; 5", "4=>.35; K"N(*N=U/##"<-, -5<"-/50"</>A3J"8>-"J2<CA<<"-/, -"-/50", =5"=A8828@"9>=", "4><2-2>8"28", 80"% D#" 5158-<">=", 55-28@<K"#9"2-"2<"8>-", 33>P5J"28"-/5"B, 0P, =J"C, ; 4A<"-/, 8"2-"</td>

:J9I6*

L ##K"" G+T"1VD#G+DD"#'+?D"





!

>=",80>85" P/>"2<8Z-"4,028@"JA5<"9>="C,;4A<&"#-"</>A3J".5",8"5,<25="532;28,-2>8" P/58"2-"C>;5<"->" I>-5=<&

