## !"#\$%&'()\*)+)%

#\$%&'() \$\*(!+,!-.\*/0.1(.21! 3.) +\*!4'&1\$'!5\*.6\$'1.(7! 80'\*&97:!8;:!<=>!"3?! ; &\*&@&!

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A \$9B!CCCD1,OD2&E%\$+%F\$E&F@\$'\$(\$!G) &.FB!&F@\$'\$(\$H1,OD2&!I++/F\$!32J+F&'B!K:LM"!2.(&(.+\*1!!!!!!!!!!N.\*@\$OB!K"P!N.\*@\$OB!Q

"LLLNKMMM! a & (.+\*&F!32.\$\*2\$!4+0\*@& (.+\*!4\$FF+C1J.%!3G3NLLMRQ?MD!W+'%J+F+/.2&F!&\*@!%'+1+@.2!1('02(0'\$1! .\*!^&JF(&\*D!TS'.\*2.%&F!\\*6\$1(./&(+':!^QD^[V!)) [V!]

## 6""7/%

 $\begin{array}{l} \text{KMM} = \text{D!} > \text{F@\$'\$(\$:!Y+J*:!}; \ JO*/\text{NJ7\$!} \ ] \ \&*:!\&*@!> \text{F\$0\$.!} \ b+2J\$(+6!\text{T\$@1DVD!S'} +2\$\$@.*/1!+,!(J\$!\text{KR}(J!\ A\$1(!;+\&1(!;$ 

 $\begin{array}{l} \text{KMM''D!Y+J*!} > \text{F@\$'\$(\$D!W+'\%J+F+/.2\&FF7!/+6\$'*\$@!\&22\$*(!.*!c\%(.)\&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)\&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$!\%09F.1J.*/!1\$'.\$1:!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$)!c\%(.)&F.(7!^J\$+'7D!\_+0(F\$@/\$)!c\%(.)&F.(7!^J\$+'7D!-0(F\$@/\$)!c\%(.)&F.(7!^J\$+'7D!-0(F$ 

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 $\begin{array}{l} \text{KMKKD!} > \text{F@\$'\$(\$:!Y+J*!\&*@!S\&@'\&./!ID!c@3f\&/J@J\&D!-\&*/O\&/\$!/\$*\$'\&F.(7!.*!\%J+*+F+/.2\&F!\$*2+@.*/B!W+6.*/!9\$7+*@! \\ \\ \text{$0+NGO'+\%\$\&*!F\&*/O\&/\$ID!-\&*/O\&/\$!g!-.*/O.1(.21!;+)\%\&11:!\$"KR?LD!h@+.B!"MD""""EF*2QD"KR?LiD!} \end{array}$ 

KMKKD!>F@\$'\$(\$:!Y+J\*D!; '+11NF.\*/0.1(.2!('\$\*@1!.\*!1%\$\$2J!\$''+'1B!>\*!&\*&F71.1!+,!109NF\$0.2&F!\$''+'1!.\*!; &\*(+\*\$1\$D!!

!
KM"QD!>F@\$'\$(\$:!Y+J\*!&\*@!W&'[!8'&@1J&CD!3&)+&\*!'++(!%J+\*+(&2(.21B!#.//.\*/!@\$\$%\$'!.\*(+!(J\$!@&(&D!

 $\begin{array}{l} \text{KMMKD!} > \text{F@\$'\$(\$:!Y+J*!\&*@!8'02\$!^\$1\&'0!KMMKD!} - \$\&'*.*'/!2+6\$'(!\%J+*+F+/.2\&F!.*(\$'\&2(.+*B!>*!\&*\&F71.1!+,!(J\$!\%'+9F\$))!\%+1\$@!97!(J\$!.*(\$'\&2(.+*!+,!1('\$11!\&*@!\$\%*(J\$1.10!_$\%+'(!*+D!_O;;3N^_NUKD!S.12\&(\&C\&7:!aYB!_O(/\$'1!;\$'(\$'!,+'!;+/*.(.6\$!32.\$*2\$0!)).} \end{array}$ 

 $\begin{array}{l} \text{KMMMD!} > \text{F@\$'\$(\$:!Y+J*\mathbb{D}!S'+1+@.2!,\&.(J,OF*\$11!.*!;O\%\$p+\mathbb{D}!} \\ ! \end{array} \\ \begin{array}{l} \text{CF\$*\&!8\$*\$@.2(+!T\$@\mathbb{D}V:!} \\ ! \end{array}$ 

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 $\begin{array}{l} \text{KM''LD!} 3\%\$\$2 \text{J!\$''+'1!} \& *@!\% \text{J+*+F+} / .2\&F!\% \& ((\$'*1B!)^*(\$/'\&(.*/!.*1./\text{J}(1!,'+))!\% 172 \text{J+F.*} / 0.1 (.2!\& *@!F.*/0.1 (.2!(\text{J}\$+'7D!)) \\ & (\$@!2+\text{FF+m0.0})!\& (\text{W2 I .FF!} 5*.6\$'1.(7:!\#\$\%\&'()) \$*(!+,!-.*/0.1 (.21D!)) \\ \end{array}$ 

 $\begin{array}{l} \text{KM''LD!} 3\%\$\$2 \texttt{J!\$''+'1!} \& \$@!\% \texttt{J+*+F+} / .2 \& \texttt{F!} \% \& ((\$'*18!) *(\$/'\&(.*/!.*1./\texttt{J}(1!,'+))!\%172 \texttt{J+F.*} / 0.1 (.2! \& *@!\texttt{F.*} / 0.1 (.2! (\texttt{J}\$+'70!)) \\ *6.(\$@!2+\texttt{FF+m0.0})!\& (!>2 \& @\$) . \& !3.*.2 \& !! \#\$\%\&'() \$*(!+,!-.*/0.1 (.2!!\texttt{T}^\&.\%\$.:!^\&.C \& *VD!) \\ \end{array}$ 

 $\begin{array}{l} \text{KM"LD!} 3\%\$\$2J!\$''+'1!\&*@!\%J+*+F+/.2\&F!\%\&((\$'*1B!)*(\$/'\&(.*/!.*1./J(1!,'+))\%172J+F.*/0.1(.2!\&*@!F.*/0.1(.2!J\$+'7D!))\\ *6.(\$@!2+*,\$'\$*2\$!\%'\$1\$*(\&(.+*!\&(!5.^!^J\$!>'(.2!5*.6\$'1.(7!+,!a+'C\&7:!8'\&.*1!\&*@!SJ+*+F+/7!T^'+))1t:!a+'C\&7VD!! \end{array}$ 

 $\begin{array}{l} \text{KM''} \\ \text{NM''} \\ \text{NM''}$ 

 $\begin{array}{l} \text{KM''} \\ \text{D!SJ} + * + \text{F} + / .2\&\text{F!'} \\ \text{OF\&'} . (7:!\%\$'2\$\%(0\&\text{F!9.\&1\$1:!\&*@!(J\$!'+F\$!+,!/'\&')}) \&'!.*!1\%\$\$2J!\$''+'!\&*\&\text{F71.1D!} \\ \text{2+FF+m0.0}) \\ !\&(!5*.6\$'1.(7!+,!;\&\text{F/\&'7:!}\#\$\%\&'()) \$*(!+,!-.*/0.1(.21D!)) \\ \end{array}$ 

KM"`D!^+\$!1F.%1!.\*!; &\*(+\*\$1\$B!G6.@\$\*2\$!,+'!\$&'F7!%J+\*+F+/.2&F!\$\*2+@.\*/D!\\*6.(\$@!2+FF+m0.0)!&(!(J\$!5\*.6\$'1.(7!+,!

 $\begin{array}{l} \text{KMM?D!GO\%F+'.*/!'\$20'1.6.} (7:!1('.*/\$*27:!\&*@!/'\&@.\$*2\$!.*!(J\$!S\&) \&Na~70*/\&*!1('\$11!2+*(.*00)) D!/*6.(\$@!~2+FF+m0.0) \&(!.5*.6\$'1.(7!+,!<.2(+'.\&:!-.*/0.1(.21!#$%&'(.)) *(D!) &(...)$ 

 $\begin{array}{l} \text{KMM?D!GO\%F+'.*/!} \$20'1.6.(7:!1('.*/\$*27:!\&*@!/'\&@.\$*2\$!.*!(J\$!S\&)\&Na70*/\&*!1('\$11!2+*(.*00))!\\ \$'\$1\$*(\&(.+*!\&(!a\&(.+*\&F!^\&.C\&*!a+')\&F!5*.6\$'1.(7:!\#\$\%\&'())*(!+,!-.*/0.1(.21!T^\&.\%\$:.!^\&.C\&*V)!!} \end{array}$ 

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"LLLD!#+).\*&\*2\$!\$,,\$2(1!&1!^'&\*1@\$'.6&(.+\*&F!>\*(.N4&.(J,OF\*\$11D!\\*6.(\$@!2+FF+mO.0)!&(!5\*.6\$'1.(7!+,!>F9\$'(&:!#\$%&'())\$\*(!+,!-.\*/0.1(.21D!

"LLLD!#+).\*&\*2\$!\$,,\$2(1!&1!^'&\*1@\$'.6&(.+\*&F!>\*(.N4&.(J,OF\*\$11D!\\*6.(\$@!2+FF+m0.0))!&(!5\*.6\$'1.(7!+,!;&F/&'7:!#\$%&'())\*(!+,!-.\*/0.1(.21D!

"LLLD! $^J$ \$!%J+\*\$(.21!+,!1('\$11!&\*@!(+\*\$!.\*!^&JF(&\*B!\_\$10F(1!+,!&!%.F+(!1(0@7D!\\*6.(\$@!2+FF+m0.0))!&(!3C&'(J)+'\$!; +FF\$/\$:!#\$%&'()\$\*(!+,!-.\*/0.1(.21D!

"LL`D!W+'%J+F+/.2&FF7!/+6\$'\*\$@!&22\$\*(!.\*!c%(.) &F.(7!^J\$+'7D!\\*6.(\$@!\%+9!(&F[!&(!;+'\*\$FF!5\*.6\$'1.(7:!#\$%&'())\$\*(!+,!-.\*/0.1(.21D!

 $"LL^D!W+'%J+F+/.2\&FF7!/+6\$'*\$@!\&22\$*(!.*!c\%(.)\&F.(7!^J\$+'70!\\*6.(\$@!2+FF+m0.0)!\&(!5*.6\$'1.(7!+,!<.2(+'.\&:!\#\%\&'())\$*(!+,!-.*/0.1(.210!))$ 

"LL`D!W+'%J+F+/.2&FF7!/+6\$'\*\$@!&22\$\*(!.\*!c%(.) &F.(7!^J\$+'7D!\\*6.(\$@!2+FF+m0.0)!&(!5\*.6\$'1.(7!+,!8'.(.1J!;+F0))9.&:!#\$%&'()\$\*(!+,!-.\*/0.1(.21D!)

 $"LL`D!W+'%J+F+/.2\&FF7!/+6\$'*\$@!\&22\$*(!.*!c\%(.)\&F.(7!^J\$+'7D!)*6.(\$@!2+FF+m0.0)!\&(!3(\&(\$!5*.6\$'1.(7!+,!a\$C!d+'\lceil!\&(!3(+*7!8'++\lceil:!\#\$\%\&'())\$*(!+,!-.*/0.1(.21D!))))))$ 

\* ) 8 ) \* ) ) ( || , '' \$ 8 ) \* ) \$ , ) || . \* ) / ) \$ + & + 0 '' \$ / || & \$ ( || . '' / + ) \* / ||

 $\begin{array}{l} \text{KMKKD!} 4\&. \text{FO'$1!+, \text{IF\$} ) } \&!\&22\$11\text{B!} < \&\text{F.@\&(.*/!J\$!, \text{$mO\$*27!@.1('.90(.+*1!+, \text{$F\$}0.2\&\text{F!}1091(.(0(.+*!\&*@!\text{$C+'@!9F\$*@!} \text{$''+'1D!}\text{$F$+1(\$'!\&(!J\$!?Q^d!))\$$(.*/!+, \text{$I$}12J+*+).21!3+2.\$(7D!h\text{$C.(J!W\$\text{$F.}11\&!\&\$\$\$\$\$\$\$"[:!>@'.\&*!8'\&1+6\$\&*0:!\&*@!Y\$11!-\&\text{$CiD!} \end{array}$ 

 $\begin{array}{l} \text{KM''MD!3.} \text{)} . \text{F\&'.} (7!\&6+.\&\$^2\$!.*!\%'+2\$11.*/!2+*1+*\&*(1B!3+)\$!\&\%\&'\$*(!\$02\$\%(.+*1!,'+)!S+F7*\$1.\&*!F\&*/0\&/\$1D! \\ \text{S+1(\$'!\&(!(J\$!\&**0\&F!)}\$(.*/!+,!(J\$!;+/*.(.6\$!32.\$*2\$!3+2.\$(7:!S+'(F\&*@:!53>!hC.(J!\#\$**.1!3J\&'[\$7iD!]))))) \end{array}$ 

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KM"UD!SJ+\*+F+/.2&F!'\$/OF&'.(7:!%\$'2\$%(O&F!9.&1\$1:!&\*@!(J\$!'+F\$!+,!/'&))&'!.\*!1%\$\$2J!\$''+'!&\*&F71.1D!\\*6.(\$@!%&\*\$F! @.12011&\*(!&(!]+\*/!b+\*/!8&%(.1(!5\*.6\$'1.(7:!#\$%&'())\$\*(!+,!G\*/F.1J!-&\*/O&/\$!&\*@!-.(\$'&(O'\$!T]+\*/!b+\*/VD!

KM"UD!SJ+\*+F+/.2&F!'\$/OF&'.(7:!%\$'2\$%(O&F!9.&1\$1:!&\*@!(J\$!'+F\$!+,!/'&))&'!.\*!1%\$\$2J!\$''+'!&\*&F71.1D!S'\$1\$\*(&(.+\*!&(!5\*.6\$'1.(7!+,!;&F.,+'\*.&!8\$'[\$F\$7:!#\$%&'())\$\*(!+,!-.\*/0.1(.21:!SJ+'0))!-\$2(0'\$D!

 $\begin{array}{l} \text{KM"UD!S J+*+F+} / .2\&\text{F!'}\$ / \text{OF\&'} . (7:!\%\$'2\$\% (0\&\text{F!9.\&1\$1:!\&*@!(J\$!'+F\$!+,!/'\&')}) \&'!.*!1\%\$\$2J!\$''+'!\&*\&\text{F71.1D!S'}\$1\$*(\&(.+*!\&(!.5*.6\$'1.(7!+,!;\&\text{F..+'*.\&!3\&*(\&!;'0Z:!}\#\$\%\&'()) \$*(!+,!-.*/0.1(.21:!SJF0*2J!-\$2(0)*D!) \\ \end{array}$ 

KM"UD!^+\*\$!1F.%1!.\*!; &\*(+\*\$1\$B!G6.@\$\*2\$!,+'!\$&'F7!%J+\*+F+/.2&F!\$\*2+@.\*/D!S'\$1\$\*(&(.+\*!&(!(J\$!<&\*2+06\$'! SJ+\*+F+/7!I'+0%:!<&\*2+06\$'!!; &\*&@&!hC.(J!j 0\$\$\*.\$!; J&\*!&\*@!]D!]\$\*\*7!d\$0\*/iD!

KM"UD!SJ+\*+F+/.2&F!'\$/OF&'.(7:!%\$'2\$%(0&F!9.&1\$1:!&\*@!(J\$!'+F\$!+,!/'&))&'!.\*!1%\$\$2J!\$''+'!&\*&F71.1D!S'\$1\$\*(&(.+\*!&(!3.))+\*!4'&1\$'!5\*.6\$'1.(7:!;+/\*.(.6\$!32.\$\*2\$!S'+/'&)!C+'[1J+%D!

KM"?D!\\*6\$1(./&(.\*/!%\$'2\$%(O&F!9.&1\$1:!@&(&!'\$F.&9.F.(7:!&\*@!@&(&!'\$2+6\$'7!.\*!&!)\$(J+@+F+/7!+,!2+FF\$2(.\*/!1%\$\$2J!\$''+'1!.'+)!&O@.+!'\$2+'@.\*/1D!\$'\$1\$\*(&(.+\*!&(!(J\$!<&\*2+06\$'!\$J+\*+F+/7!I'+0%:!<&\*2+06\$':!; &\*&@&D!!

 $\begin{array}{l} \text{KM''=D!} \\ \text{KM''=D!}$ 

 $\begin{array}{l} \text{KM''RD!} \ a + (\$1! + *!1(\$) \ !\% \ J + * + F + /7! \& *@! (J\$!@\$6\$F + \%) \ \$*(! + , !\&, , '.2\&(\$1!.*! \land \& JF(\& *D!S'\$1\$*(\&(. + *!\&(!(J\$! < \& *2 + 06\$'! SJ + * + F + /7! \ I' + 0\%:! < \& *2 + 06\$':! \ : \& *\&@\&D! \end{array}$ 

 $\begin{array}{l} \text{KM''KD!} \_\$ @0\% F.2\&(.+*!.*! \ ] \&C\&..\&*B! < \&'.\&(.+*1!+*!\&!(J\$) \ \$!+,!W.*. \ ) \&F! \ A+'@D!S'\$1\$*(\&(.+*!\&(!(J\$!<\&*2+06\$'! \ SJ+*+F+/7! \ I'+0\%:! < \&*2+06\$':! \ ; \&*\&@\&D! \end{array}$ 

KM" "D!SJ+\*+F+/.2&F!2+\*1('&.\*(!.\*@02(.+\*!.\*!&!2+\*\*\$2(.+\*.1(!\*\$(C+'[B!-\$&'\*.\*/!c; SNSF&2\$!2+\*1('&.\*(1!,'+)!@&(&D!S'\$1\$\*(&(.+\*!&(!(J\$!5\*.6\$'1.(7!+,!8'.(.1J!; +F0)9.&:!'\$1\$&'2J!1\$).\*&'!hC.(J!S&0F!^0%%\$'iD!

 $\begin{array}{l} \text{KMM} \tilde{D}!Y\&\%\&*\$1\$! \; ) \; . \; ) \; \$(.2!\%\&F\&(\&F.Z\&(.+*B!.\ )\ \%F.2\&(.+*1!+,!\&!*+*2\$!\%'+9\$!1(0@7!,+'!+\%+1.(\$!\$@/\$!\%J+*+F+/70!)) \\ \; S'\$1\$*(\&(.+*!\&(!345!SJ+*+F+/7!4\$1(!KMM)^:!3.\ ) \; +*!4'\&1\$'!5*.6\$'1.(7!hC.(J!>F\$0\$.!b+2J\$(+6iD!)) \\ \end{array}$ 

 $\begin{array}{l} \text{KMMUD!} 3.9.\text{F\&*}(1!\&1!(\&'/\$(1!.*!Y\&\%\&\$1\$!\&,,\$2(.6\$!\%\text{F\&}(\&\text{F.Z\&}(.+*B!GO\%\$'.\ ) \$*(\&\text{F!}\$6.@\$*2\$D!S'\$1\$*(\&(.+*!\&(!(J\$!5*.6\$'1.(7!+,!^++*(+:!^J\$!;+'+*\&\text{F!}!A+'[1J+\%!hC.(J!\text{F}\&@!>\text{F}\$0\$.!b+2J\$(+6iD!}))) \\ \text{S.6.} \end{array}$ 

 $\begin{array}{l} \text{KMM} = \mathbb{D}! \text{GO\%F+'.*/!'} \$20'1.6. (7:!1('.*/\$*27:!\&*@!/'\&@.\$*2\$!.*!(J\$!S\&)\&Na70*/\&*!1('\$11!2+*(.*00))\&!S'\$1\$*(\&(.+*!\&(!.5*.6\$'1.(7!+,!^++*(+:!\#\$\%\&'())\$*(!+,!^-.*/0.1(.21:!SJ+*+F+/7!;.'2F\$D!)) \end{array}$ 

 $\begin{array}{l} \text{KMMKD!} < +.2.*/!\% + \text{F\&'.} (7!.*! - 0 + \text{B!} > *!\&'/0\ ) \ \$*(!, +'! > *(.N,\&.(J,0F*\$11D!S'\$1\$*(\&(.+*!\&(!3(\&(\$!\,5*.6\$'1.(7!+,!\,a\,\$C!\,d\,+'\,[!\&(!3(.+*?!\&(!3(.+*!\&(!*!\&(!3(.+*!\&(!3(.+*!\&(!*!\&(!3(.+*!\&(!*!\&(!*$ 

 $\begin{array}{l} \text{KMMKD!} <+.2.*/!\% + \text{F\&'.} (7!.*! - 0 + \text{B!} > *!\&'/0\ ) \ \$*(!, +'! > *(.N, \&.(J, OF*\$11D!S'\$1\$*(\&(.+*!\&(!\ a\ \$C!\ d +'\ [!5*.6\$'1.(7:!+\$\%\&'(.))\ \$*(!+, !-.*/0.1(.21:!-.*/0.1(.21:) + 1 + 2.\&(.+*!+, !\ a\ d\ 5D!) \end{array}$ 

 $\begin{array}{l} \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ ]\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ \$*(!+,!+,!+))))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ ]\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ \$*(!+,!+,!+)))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ ]\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ \$*(!+,!+,!+))))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ ]\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ \$*(!+,!+,!+))))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ ]\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ \$*(!+,!+,!+))))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ )\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ )\ \$*(!+,!+,!+)))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\&6\&Y+!\%'\$,.0!\%J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!Y+J*1!\ )\ )\ +\%[\ .*1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ )\ \$*(!+,!+)))} \\ \text{KMM"D!3('02(0'\&F!@.1\%\&'.(.\$1!)\ a\&6\&Y+!\%'))} \\ \text{KMM"D!3('02(0'\&F!@.1\%))} \\ \text{K$ 

 $\begin{array}{l} \text{KMMMD!} 3 ('02(0'\&F!@.1\%\&'.(.\$1!.*!\ a\ \&6\&X+!\%'\$,.0!\%\ J+*+F+/7D!S'\$1\$*(\&(.+*!\&(!\_0(/\$'1!\ 5*.6\$'1.(7:!\#\$\%\&'(\ )\ \$*(!+,!+...*)))) \\ -.*/0.1(.21:!\_0(/\$'1!\ c\ \%(.\ )\ \&F.(7!\_\$\&@.*/!\ I'+0\%)! \\ \end{array}$ 

KMMMD!GO%F+'.\*/!F.\*/0.1(.2!1('O2(0'\$1!.\*!^&JF(&\*:!&\*!\$\*@&\*/\$'\$@!F&\*/O&/\$!+,!8'.(.1J!;+FO) 9.&D!S'\$1\$\*(&(.+\*!/.6\$!&(! I '\$\$\*!:+FF\$/\$:!5\*.6\$'1.(7!+.!8'.(.1J!;+FO) 9.&:!W\$) 9\$'10!3%\$&[\$'!1\$'.\$1D!

 $\begin{array}{l} \text{KMMMD!} ^J \$!\% J + *\$(.21!+,!1('\$11!\&*@!(+*\$!.*!^\&JF(\&*B!\_\$10F(1!+,!\&!\%.F+(!1(0@70!S'\$1\$*(\&(.+*!\&(!5*.6\$'1.(7!+,!;\&F.,+'*.\&:!3\&*(\&!;'0Z:!\#\$\%\&'())\$*(!+,!-.*/0.1(.21:!SJ+*+F+/7!\_\$1\$\&'2J!I'+0\%0!). \end{array}$ 

"LLLD!#+).\*&\*2\$!\$,,\$2(1!&1!^'&\*1@\$'.6&(.+\*&F!>\*(.N4&.(J,OF\*\$11D!S'\$1\$\*(&(.+\*!&(!Y+J\*1!])+%[.\*1!5\*.6\$'1.(7:!#\$%&'())\*(!+,!;+/\*.(.6\$!32.\$\*2\$:!SJ+\*+F+/7!\_\$1\$&'2J!I'+0\(\)D!

"LL?D! - .\*/0.1(.2!%&'&FF\$F1!(+!Y&6&\*\$1\$!F&\*/O&/\$!/& ) \$1D!S'\$1\$\*(&(.+\*!&(!(J\$!3+0(J\$&1(!>1.&\*!3(0@.\$1!30)))\$'! \\*1(.(0(\$!3(0@\$\*(!;+\*,\$'\$\*2\$:!>'.Z+\*&!3(&(\$!5\*.6\$'1.(7D!

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KMKKN%'\$1\$\*(D! b &7\$! ] +F09+C1[7:!SJD#D!S'+1+@.2! ) +'%J+F+/7!+,!> ) &Z./J!F&\*/O&/\$1!T'\$1\$&'2J!%'+X\$2(VD!

 $\begin{array}{l} \text{KM'' "NKMKMD!} 3(\&*!>*+*97:!SJD\#D!T345:!2+) ).((\$\$\text{V}:!uS'+F+*/\$@!) 0F(.F.*/0\&F.1) !\&) +*/!(J\$!3\$907\&0B!! >*!\$(J*+/'\&\%J7!+,!2+)) 0*.2\&(.+*o)! \end{array}$ 

 $\begin{array}{l} \text{KM''LNKMKMD!w.Z.!}\#\$*/:!\text{WD}>\text{D!T345:!2+}) \ ).((\$\$\text{V:!uS'}+2\$11.*/!(+*\$!\&*@!6+C\$F!.*,+')\&(.+*!.*!\text{W}\&*@\&'.*B!>*!\$7\$\text{N}) \\ ('\&2[.*/!1(0@7!+,!2+*(\$0(0\&F!\$,,\$2(1!+*!1\%\$2J!\%'+2\$11.*/o)!))) \end{array}$ 

 $\label{eq:KM''LD!Y+\$!} KM''LD!Y+\$! \; ; \\ +FF.*1:!SJD\#D!T^J\$! > '(.2!5*.6\$'1.(7!+,!a+'C\&7:!\$0\&') \; .*\$'V:!ua\$0'\&F!\&(('\&2(+'1!\&*@!\%J+*+F+/.2\&F!', b) a'0)!$ 

KM"UNKM"LD!] \$. [\$F! 8&@'OFJ.1J&):!WD>D!T345:!10%\$'6.1+'V:!u4+') OF&.2.(7!+,!&,..O\$1!.\*!^O'[.1Job]

KM"`NKM"LD! - +0.1\$!4'&) 1(:!WD>D!T345:!2+) ).((\$\$V:!u^&JF(&\*!6\$'9!2F&11...\$'1!&\*@!J+C!(+!01\$!(J\$)) ob!

 $\begin{tabular}{ll} KM"RNKM"=D!G@n1@.!TYO@7!^J+) \%1+*V:!S+1(@+2(+'\&F!,\$FF+C!T345:!10\%\$'6.1+'V:!u4.'1(!a\&(.+*1!F\&*/0\&/\$1!.*!(J\$!(C\$*(7!,.'1(!2\$*(0'7B!^\&JF(\&*!F\&*/0\&/\$!'\$6.(\&F.Z\&(.+*!\&*@!F\&*/0\&/\$!F\&\&'*.*/oD!!))))))) & (C\$*(7!,.'1(!2\$*(0'7B!^\&JF(\&*!F\&*/0\&/\$!'\$6.(\&F.Z\&(.+*!\&*@!F\&*/0\&/\$!F\&\&'*.*/oD!!)))))) & (C\$*(7!,.'1(!2\$*(0'7B!^\&B'*(D\&/\$I))))) & (C\$*(7!,.'1(!2\$*(D\&/B)))) & (C\$*(7!,.'1$ 

 $\begin{array}{l} \text{KM"QNKM"} = \text{D!W\$F.} & 11\&!\text{W\&2} > 1 \text{[.FF:!WD} > \text{D!T345:!} & 10\%\$'6.1 + \text{'V:!uG0\%\$'.}) \$*(\&\text{F!\$0\%F} + \text{'\&(.+*!+,!\&)}) 9.17 \text{FF\&9.2.} & (7!.*!\text{G*/F.} & 130\%!) \\ & G*/\text{F.1JoD!} & 11\&!\text{FF:!WD} > \text{D!T345:!} & 11\&!\text{FF:!WD} > \text{D!T345:!} & 11\&!\text{FF:!WD} > \text{D!T345:!} & 11\&!\text{FF:!WD} > \text{D!T345:!} \\ & G*/\text{F.1JoD!} & 11\&!\text{FF:!WD} > \text{D!T345:!} & 11\&!\text{FF:!WD} > \text{D!T345:!} & 11\&!\text{FF:!WD} > \text{D!T345:!} \\ & G*/\text{F.1JoD!} & 11\&!\text{FF:!WD} > \text{D!T345:!} & 11\&!\text{FF:!WD} > \text{D!T345:!} \\ & G*/\text{F.1JoD!} & 11\&!\text{FF:!WD} > \text{D!T345:!} \\ & G*/$ 

KM'''NKM''=0!b&7F\$./J!W&2W

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3(\$6\$\*!<.11\$'!TKMKMV:!Y&\*\$!-.!TKM"`NKM"LV:! I &6.\*!^&) !TKM"`NKM"LV:!W&2&'.01!; J&\*!TKM"UNKM"`V:!cF.6.&!a.2[\$F! TKM"?NKM"`V:!-&0'&!#&\*@!TKM"UNKM"`V:!^1Z!d.\*/!a/!TKM"?NKM"UV:!W+\*.2&!#&6.\$1!TKM"RNKM"?V:!]+FF7!A.F9\$\$! TKM"RNKM"=V:!IF+'.&!4&\*!TKM"RNKM"?V:!Y\$\*\*.,\$'!A.FF.&) 1!TKM"RV:!#\$'.[!a/!TKM"QNKM"=V:!W&'[!8'&@1J&C!TKM"MNKM""V:!W.2J&\$F!4'7!TKM"MV:!>\*/\$F&!;++%\$'!TKMM?V:!]\$\*'.[\$!8F0)\$\*,\$F@!TKMM"V:!b7'&!Y02+67!TKMM"V:!c12&'!

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S'.*2.%&F!c'/&*.Z$':!37)%+1.0)!+*!$(J.21!&*@!9$1(!%'&2(.2$1!.*!,.$F@C+'[:!3C&'(J)+'$!;+FF$/$:!KMM"!
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