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A @ 2/# - " o C'' % % + 4/'' & +100% # -B/('' & <F/% & +F - #C% = b - B&BF% & <2/+B + b - " = b - "C% + J&P'' + #2/.% = b - 2(1'' = &BF% & <2/+B + b - " = b - "C% + J&P'' + #2/.% = b - 2(1'' = &BF% & <2/+B + b - " = b - "C% + J&P'' + #2/.% = b - 2(1'' = &BF% & <2/+B + b - " = b - "C% + J&P'' + #2/.% = b - 2(1'' = b - 2) + b - 2(1'' = b - 2)@/>12%&/+&BF%&V1%+B/("W&kA) &P&Z(B&-&?-"&-"=&-&;2(BF%2pm&'F/+&-OO%-\$&B(&F1)-"/B3&.%#-)%&-& #())("&-"B/+\$-U%23&2%@2-/"&-"=&/+&O-2-OF2-+%=&.3&+%U%2-&&#F-2-#B%2+&BF2(1>F(1B&53=<\$%"',?.% @8A-3J&I = % < ((=*+k=%+/)) & (=*+k=%+/) &A) $\frac{2}{4} - \frac{1}{2} \frac{1}{2} + \frac{1}{2} \frac{1}{2} + \frac{1}{$) $- \frac{1}{2} - \frac{1}{2} -$ %"B2%O2%"%12&-"=&-.(\$/B/("/+B7&I %=><((=&=/+B2/.1B%=&)-"3&(@&BF%&)%=-\$\$/("+&F/)+%\$@&</=%\$3&-"=& /"B%2"-B/("-\$\$3J&& k k ? A ' 'XD I &; a ! G ' a Z& ; 2/B/+F7&H]4b6Hb8c&& DA '<-4- '3% ')%7<8E\$0F%G\$68<7&) /"B%=&Hb8]%% .2("`%&& ? 1+%1) &K12#F-+%7&G-12-&'J&-''=&O(F''&XJ&X-\$@(2=&O2J&A2B&A#V1/+/B/(''&L1''=&& 48H5J4H&& Å

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 $\begin{array}{l} 0 \ a \ XZ\&MAY \ APZ7\& -\&B\%2\&ZA \ XAZPDG\&0 \ a \ , DG \ g \ Z\& \\ A \) \ \%2/\# - \ "7\& \ (2''\& \ ''/B\& =\&N/">=(\) \ 7\&Hb8b6Hbc \]\& \\ @-3I: J\&\&@\# -\$) \ ''/W\# \$ND \ , \ -. \ 486 \&@8/4-E\$. \ 7\&Hb986Hb9H\& \\) \ \%^{\ (B'''B\& \ ? \ 1+\%1 \) \ \&K12\#F - +\%7\&G\$(3=\&a \ J\& - \ ''=\& \ ? \ -2n(2/\%\&MB2(\ ''>\& \ , \ (1\$B\%2\&L1 \ ''=\&\& \ \&A84HJH5\&\& \\ \& \end{array}$

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k AZZD& I XP'ZDg& A) %2/#-"7&Hb4H6HcH5& +800-\$4%&\$\$=#\$0%74' *\$7&HbcQ& $O_{-+B\%2\&}$? 1+%1) kK12#F-+%7kG (3=k a Jk-''=k? -2n(2/%kMB2(''>k, (1\$B%2kL1''=k))4844J4]&& k 'F%&; (+B("R.-+%=&+#1\$OB(2&-"=&-#B/U/+B&A""%& I F/B"%3-@B%=&BF/+&.1+BR\$%">BF&O(2B2-/B&(@&MB(<%& ("&#())/++/("&@(2&BF%&-1BF(2*+&F-\$@R+/+B%27&P+-.%\$\$-&;%%#F%2&X((C%2)&IF/B"%3%-B%=&B<(& =/@@%2%''B&.1+B+&(@&MB(<%&/''&O\$-+B%27&<F/#F&<%2%&BF%''&B2-''+\$-B%=&/''B(&)-2.\$%J&'F/+&.1+B&/+&BF%& +%#("=&U%2+/("J&'F%&@/2+B&<-+&/"#1=%=&/"&BF%&HbcQ&I(2\$=*+&, (\$1)./-"&DEO(+/B/("&/"&, F/#->(7&))))+/B1-B%=&-\$(">+/=%&%=/B/("+&(@&53=<\$%"',?.%@8A-3&/"&D">\$/+F&-+&<%\$\$&-+&B2-"+\$-B/("+&/"&(BF%2& $\label{eq:solution} \$-">1->\%+J\&MB(<\%*+\&2/">\$\%B+\&(@\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$\$-27\&-"=\&+F-<\$\&<\%2\%\&<\%\$\&C"(<"\&-BB2/.1B\%+\&E) \ (\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\$-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\%-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\%-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\%-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\%-\#\%\&\#(\$)) \ (\&F-/27\&F\%-=.-"=7\&\%-\#\%\&\#(\%)) \ (\&F-/27\&F\%-=.-"=7\&\%) \ (\&F-/27\&F\%-=.-"=7\&\%) \ (\&F-/27\&F\%-=.-"=7\&\%) \ (\&F-/27\&F\%-=.-"=7\&\%) \ (\&F-/27\&F\%-=.-"=7\&\%) \ (\&F-/27\&F\%) \ (\&F-/2$ (@&F%2&O1.\$/#&/) ->%7&<F/#F&BF%&-2B/+B&#-2%@1\$\$3&O2%+%2U%=J&IF/B"%3&-\$+(&%"=(<+&MB(<%&</BF&-"& $-\$) (+Bk - >\%\$\% + +\& -OO\% - 2 - "#\%\&BF2(1 > Fk + F - 20\$3\&2\%" = \%2\% = \&\emptyset\% - B12\% + 7\& -\& +\$/>FB\$3\& = (<"# - +Bk > -`\%7\& - "=\&("\$3\& + Bk - 2)) + Bk - 2)$ -&@% < % -+%+&-2(1"=&BF%&%3%+&B(&+1>>%+B&<2/"C\$%+J& 'F%+%&-BB2/.1B%+&-\$\$&\$%"=&F%2&-&+%"+%&(@& F1) - "/B3t-"=t>2-U/B-+7t%U%"t-+tBF%t-1BF(2t->%=t-"=t>2-OO\$%=t</BFt=%) % "B/-Jtk Å AY'PM'& !ZPSDZ'PLPDS&dT&) - "e&W3(\$<\\"', ?.\+Z44\$6L-\$A->?.\X<\$-.=#R9C408=47\k#-J\Hc88\k #F2()(\$/BF(>2-OF))k AY 'PM '& ! ZPSDZ 'PLPDS&dT%2) - "e& W3(\$<\\"', ?.\+Z44\$6+8:.*8<64?.\V8-.\$0RW44'RV8))\$\$7\#-J&Hc88& #F2() (\$/BF(>2-OF& $T (2 > \& 0 \ ? / B # F \% \& S (0 - 2B)) " B ((\& MO \% # / - \& , (\ M B / ("+& [\& A 2 # F / U \% + 7 \& ; (<= (/ " \& , (\ S \% > \& G / . 2 - 23 & G / . 2$ Å $S = -\frac{1}{2} - \frac{1}{2} -$! "/B% = &MB - B% + 7&%O/+ (=% + &@2()) &MB(<% + &"(U%&&.% + -)) &&@(==% 2&@(2&BF%&/"B%2" - B/("-&&)) - 2C%B&(@&ABF - ABF -#(\$\$%#B/.\$%&B2-=/''>&#-2=+J&L/2+B&=%U%\$(O%=&B(&=U%2B/+%&O1+B1+&U(''&G/%./>*+&/''U%''B/(''&(@&) %-B& %EB2-#B&d-&O2%=%#%++(2&(@&BF%&.(1/\$\$(".%e7&#F2())(\$/BF(>2-OF&/)->%+&@2() &\$/B%2-B12%7&"-B12-\$& $BF(k)^{(1)}BF(k)^{(1$

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