```
! "#$%&' (")*+$&*"$",-./' 0".*1234$500*
#$%&!'())&*!+$,(!- (./*012!1(3!4+''!$&&*!,(!%(56'&,&!1(3.! ,07/78!
9(3!4+"!.&%&+: &!,; &!<("(4+$)!,; .&&!!"#$%"&,,07/7!,; 0,!537,!=&!*($&!+$!(.*&.!<(.!1(3!,(!)0+$!717,&5>
4+* &!0%%&77?!
    ! @$,&.!A&.7($0'!B$<(.50,+($!
                                  "#$!' '' (%! ''F!
    ! @$,&.!C(:&.$5&$,IBD!E
                               "#$!' "(%|",) %* (%+,-,. "/!0,12,1!%3%+/4,(%|",&/*"F!
    ! G(56'\&.\&!H(.5!B>I!E)
1
9(3!\%0\$!'(\%0,\&!,;\&!\#\$=(0.*+\$)!,07/7!:+0!1(3.!-(./*01!\underline{B\$=(K2}!<(3\$*!=1!\%'+\%/+\$)!(\$!,;\&!))
366&.>.+); ,!%(.$&.!(<!1(3.!7%.&&$8!
"8! 9(3.!"\$\&'!,07/!4+''!=\&!,(!\&\$,\&.!1(3.!
    L(#!)*&+$)!,!-#. /0)')!12!$)-#$34!/0),&)!/$#5\\\3)!,&!. +-6!\\%"\\$., '\\\#*!,&!,5,\(\gamma\),70)\\8!
       G'+%/!($!.: &! // +$!&0%: !7&%,+($!, (!0''(4!<(.!&*+,78!
       #$%&!1(3.!&$,.1!+$!&0%; !7&%,+($!+7!%(56'&,&2!%'+%/!,; &! +%($2!0$*!6.(%&&*!,(!,; &!$&K,!7&%,+($8!
       - ; &$!1(3M,&!*($&!&$,&.+$)!1(3.!+$<(.50,+($2!%'+%/!
9(3!4+"!7&&!,; &!<("(4+$)!5&770)&!
                                                                     +$!1(3.!'&<,>; 0$*!5&$3!=0.8!
                     (1.8<.87; 11(3.18)=(K81)
N8! 9(3.!\&)-\#*3!,07/!4+"!=\&!,(!\&\$,\&.!1(3.!)
    L9*!. #&'!-, &) &4!'6%&!%&!: #+$!; #-% 0!; )-+$%:!<+. 7) $8!
       G'+%/!($!.: &! +$!.: &!
                                           7&%,+($!3$*&.!
       0&'&%.!.: &!
                                           2!0$*!&$,&.!,; &!BD!$35=&.!+$!,; &!
                                                                                       <+&'*8!
       L9'!%!*#'!*)-)&&, $:!'#!/$#5%3)!'6)!=, ')!%"#$. , '\#*8!
    L; 6#+03!: #+!6, 5)!, 33% #*, 0!9=&!'#!) *')$4!/0), &)!+&)!'6)!5&&% 1+/4,617"!+8"+*,9: 0,&) -'#*8!
        -; &$!1(3M.&!*($&!&$,&.+$)!1(3.!+$<(.50,+($2!%'+%/!
9(3!4+"!7&&!,; &!<("(4+$)!5&770)&!
                                                                     +$!1(3.!'&<,>; 0$*!5&$3!=0.8!
```

(1.8<.87; 11(3.18)=(K81)

G'+%/!(\$! Refresh

```
P8! 9(3.!'6\$3!,07/!4+''!=\&!,(!\(56'\&,\&!1(3.!))?!
>0), &)!$), 3!'6$#+?6!'6)!9@A!"#$. !-,$)"+00:4!, *3!5)$%:!'6, '!:#+$!/)$&#*, 0!%*"#$. , '\#*!6, &!/#/+0, ')3!\%'\#!
 '6)!"#$. !, --+$, ')0:4!, *3!/$#5%3)!, *:!. %&&%*?!%*"#$. , '\#*8!
                 Q0/&!,; &!066. (6.+0,&!7&'&%,+($!<(.!1(3.!G+,+R&$7;+6!7,0,378!
        " G'+\%/! : &!
        " S$74&.!,; &!T3&7,+($7!+$!,; &!
                                                                                                      7&%,+($8!
        " - ; &$!1(3M.&!*($&!&$,&.+$)!1(3.!+$<(.50,+($2!%'+%/!
1(3!4+"!$&&*!,(!
                                                                                                                                                                   0$*!
                                                                                                                                                                                                 1(3.!B>I!
*(%35&$,7!+$!6&.7($!,(!
U(!36'(0^*!^*(\%35\&\$,7!+\$!-(./*01?!\#\$!,;\&!-(./*01!;(5\&60)\&2!,16\&!FG,\%',\%'!G:!D\#\$E)\$!=\#-+.)^*'\&H!
+$, (!,; &!7&0.%; !=0.!0,!,; &!, (6!0$*!7&'&%,!,; +7!,07/!7(!1 (3!0.&!0='&!, (!0**!1 (3.!b>! !* (%35&$,E7F8!
U; &!'+7,!(<!0\%&6,0='&!* (\%35&\$,7!\%0\$!=&!<(3\$^*!0,?!;,67?\W444\837\%+7\$) (: \V+1>\%&\$,0'\V<(.5\*)|>
0\%\&6,0='\&>^*(\%35\&\$,78!D(\%35\&\$,7!537,!\$(,!=\&!\&K6+.\&*8!
                                                                       W!1(3!0.&!
                                                                                                                     , (!6.&7&$,!,; &!0%,30'!* (%35&$,E7F!+$!6&.7($!,(!
X350\$!Y\&7(3.\%\&7!ED('0\$!G(55(\$72!Y((5!"ZPF8!\#<<+\%\&!(6\&.0,+\$)!;(3.7!\%0\$!=\&!<(3\$^*!0,!))))
; ,,67?W444&O+.<+&'*8&*3V; 350$>.&7(3.%&7V+$*&K8; ,5'!
L9"!: #+!", \(\mathreal{0}\!'\)! \(\pi\)!: #+$!3#-+. \(\) \(\cdot\)' \(\pi\)' \(\pi\)' \(\mathreal{0}\!'\) \(\mathreal\)' \(\delta\)' \(\d
S<,&.!1(3!6.(:+*&!1(3.!*(%35&$,0,+($!,(!X350$!Y&7(3.%&72!,; &!.&50+$+$)!#$=(0.*+$)!,07/7!4+"!
6(63'0,\&!+\$!1(3.!-(./*01!B\$=(K!<(.!\%(56'\&,+(\$?!
                 G(56'\&\&!H\&^*\&.0'! - +, ; ; ('*+$)!@'\&%, +($7!)
                G(56'&,&!0,0,&!0$*![(%0'!-+,;;('*+$)!@'&%,+($7!
               A015&$,!@'&%,+($!@$.(''5&$,!@:&$,!E*+.&%,!*&6(7+,F!
         ! G; 0$)&!@5&.)&$%1!G($,0%,7!
               \&,&.0$!0,0,37!B*&$,+<+%0,+($!
         ! G: 0$\&!\\ &$&<+,!@'\&\%,+($7!\\ E+<!\&'+)+='\&F!
```

L; 6#+03!: #+!*) 3!, &&%', *-)!-#. /0) '%'?!'6) &)!', &E&4!/0), &)!)., \(\mathreal{0}! \) #\(\mathreal{8}E3, : 121 \) ", \(\mathreal{8}'' \mathreal{9}038) 3+8!