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! " # \$ % & ' " ( ' ) \* \* \$ + , ) - \$ . / ' ) % - \$ " ( 0'  
/ 1 2 ) # ' " ! ! " + - 2 ( \$ - & ' 3 ' 4 \$ . / + 5 \$ - & '

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) 3 4 " ( ) \* 5 ( ) \* + + , - ' . / ( ) \* 0 0 " 1 " (   
6 # " " - 7 " " 0 5 ( ) \* + + , - ' . / ( ) \* 0 0 " 1 " (   
2 \* 0 / \* \$ " ( ) \* + + , - ' . / ( ) \* 0 0 " 1 " (   
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8 3 % % 3 % \* ' . ( ) \* + + , - ' . / ( ) \* 0 0 " 1 " (   
8 ' 5 5 0 " % " : ( ) \* + + , - ' . /



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0# " )2/7.65" ?>/6-2"123"U 5 7.@72>;"N7 5 -91="#####

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# ' ".7k' (k:09:%.k%75)"!0' \*kk  
( '.k

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^A7"4 - 5 5 +26/;" 4 -==7@7:"1.7">- 5 5 6//73"/- "1", -==6>;"-0"1006. 5 1/697"1>/6-2L"7V+1=" , , -./+26/;L"7V+1=" 73+>1/6-2L"2-2D36:>.65 621/6-2L"123"3697.:6/;#"^A7;"1.7">- 5 5 6//73"/- , . -96362@"1"=71.262@L" I -.Q62@" 123"=6962@"7296.-2 5 72/"h" I A7/A7."62" ,7.: -2" -. "62"/A7"96./+1=d-2=627":7//62@"D"0-."/A76." :/+372/:L" 75 ,=-;77:"123"-/A7." 5 7 5 B7.:"-0"/A7"4 -==7@7"4 - 5 5 +26/;L" I A6>A"91+=7:"/A7"3697.:7"B1>Q@.-+23:" -0"1=" ,7- ,=7#" ^A7"4 -==7@7:"1.7">- 5 5 6//73"/- "1: :+.62@"/A1"//A7"b4 -==7@7"UC,7.672>7e"6:" -27"/A1/" >A1=72@7:L" 75 , - I 7.:L" :+, , -./:L" 123" ,.7,1.7:" 6/:" :/+372/:" /- " =697" 62L" I -.Q" 62L" 123" 91+=7" -+." 62>.71:62@=;"@=-B1="123"3697.:7" I -.3#" ^A7"4 -==7@7:"B7=6797"/A1"//A7"3697.:6/;"-0": ->6-D7>-2- 5 6>L" .1>61=L"7/A26>L".7=6@6-+ :L"@7237.L":7C+1="-.672/1/6-2L"1@7"123"36:1B6=6/;"B1>Q@.-+23:"-0" 5 7 5 B7.:"-0" /A7"4 -==7@7"4 - 5 5 +26/;"72.6>A7:"/A7"62:/6/+6-2:"123"/A76."91.6-+:">-2:/6/+72>67:#" ^A7"4 -==7@7:" I 6="2-/" /- =7.1/7"B7A196-."B1:73" -2"B6@-./;L" I A6>A"A1:"/A7"7007>/"-0"36:>.65 621/62@" 1@162:"/12;" 5 7 5 B7."-0"/A76.">- 5 5 +26/67:#" "

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^A7"4 - 5 5 +26/;" 4 -==7@7:" , . -9637"7V+1=" 1>>7: :"/- "73+>1/6-2L" >-D>+.6>+=1." 123"75 ,=-; 5 72/" - , , -./+26/67:"1"/A7"4 -==7@7:"0-."1="1, ,=6>12/:L" :/+372/:"123"75 ,=-;77:"62">- 5 ,=612>7" I 6/A"1=" 1, ,=6>1B=7"=1 I :L".7@+=1/6-2:"123" , -==6>67:#" ? ="B72706/:L" ,.696=7@7:"123"- , , -./+26/67:"-007.73"B;"/A7" 4 -==7@7:"1.7" 1916=1B=7"/- "1=" :/+372/:L" 75 ,=-;77:"123" -/A7." ,7.: -2:"A1962@" 371=62@:" I 6/A" /A7" 62:/6/+6-2:" -2" 1"2-2D

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- UV+1="75 ,=- ; 572/" - , , -./+26/;" 123"1006. 5 1/697" 1>/6-2" I6=="B7".71=6S73"62" 1==" ,7.: -227=" 75 ,=- ; 572/L" 62>=+362@" .7>.+6/572/L" 1 , , =6>1/6-2" 0-." 75 ,=- ; 572/L" A6.62@L" B72706/:L" >-5 ,72:1/6-2L"/.16262@L" ,.- 5 -/6-2L"123"/7. 5 621/6-2#

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- ?=" , ->67:L" ,.->73+.7:L" ,.696=7@7:L" 123" >-236/6-2:" -0" /A7" 4 -==7@7" I6==" 0-== - I" 123" 62>-., -.1/7"1 , , =6>1B=7"7V+1=" - , , -./+26/;"123"1006. 5 1/697"1>/6-2".+=7:"123".7@+=1/6-2:##

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^A7"1B-97D:/1/73" , ->67:"1.7"62/72373"/-"B7"1 , , =673"B.-13=;" I6/A"/A7"@-1=" -0" ,.- 5 -/62@"7V+1=" - , , -./+26/;"123"3697.:6/;"62"4 - 5 5 +26/;" 4 -==7@7:## ^A7"4 - 5 5 +26/;" 4 -==7@7:" ,=73@7"/-"1 , , =;"1=" , ->67:">-2:6:/72/=;L"016.=;L"123"96@-.-+:=;#" ?//75 ,/:"/:"+B97./" - ."1B+:7"/A7:7" , ->67:" I6=="2-/" B7"/-7.1/73#" ? , , .- , .61/7" 36:>6 , =621.;" 1>/6-2" I6=="B7"/1Q72"62"/A7">1:7" -0" 12"620.1>/6-2## \*+>A" 36:>6 , =621.;" 1>/6-2" :A1="B7">-2:6:/72/" I6/A"/A7"1 , , .- , .61/7">-==7>/697"B1.@16262@"1@.77572/L"60" 1 , , =6>1B=7#

"

?=" , ->67:"1.7"5 137"62">- 5 , =612>7" I6/A"=1 I : "123".7@+=1/6-2:"123"7C7>+/697" - .37.: ,.- 5 +=@1/73" B;" /A7" 0737.1=" 123" :/1/7" @-97.2572/:" 123" -/A7." 1 , , .- , .61/7" 1@72>67:" 123" 1+/A-.6/67:L" I A7.7" 1 , , =6>1B=7#



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)0" 1" ,7.: -2" 6:" 572/1=;" -." ,A; :6>1=;" 62>1, 1>6/1/73" -." 65 , 16.73" :-" /A1/" :+>A" ,7.: -2" >122-/"  
+237.: /123"/A7" 01>L" 21/+ .7L" -." 7C/72/" -0"/A7" :7C+1=" :6/+1/6-2L"/A7.7" 6:" 2-" >-2:72/f"/A6:" 62>+37:"

!

B762@133.7:73#^A7"75 ,=- ;77" 5 +:/A197"/.16262@"-.7C,7.672>7"62" 5 7361/62@" 5 1//7.:":+B[7>/"  
/-/A6:">- 5 ,=162/" ,.->7::#"  
"

a4c HWH4WH])8UH^)?`" UX<`W 1UU\*" P)^F" ?R^FWN)^ 1i" " ?=7@1/6-2:" 629=-962@" \*7CD  
E1:73"F1.1:: 5 72"/:A1="B7".7, -./73"B;"1="bH-2>-206372/61="U 5 ,=- ;77:" I 6/A" ?+/A-.6/;e"/-/A7"  
^6/=7")g" 4--.3621/-." -." -006>61=" 37:6@277" 1:" :--2" 1:"/A7" 7 5 ,=- ;77"B7>- 5 7:" 1 I 1.7" -0"6/#" ?"  
H-2>-206372/61=" U 5 ,=- ;77" I 6/A" ?+/A-.6/;" 62>=+37:" 12;" 4--=7@7" 7 5 ,=- ;77i" IA-" A1:" /A7"  
1+/A-.6/;"/-/1Q7"1>/6-2"/-.73.7:/"A7:7"-0072:7:f" IA-"A1:"B772"@6972"/A7"3+/"-0".7,-./62@"/-"  
/A7" ^6/=7")g" 4--.3621/-." -." -/A7." 1, ,.-, .61/7" :>A--=" 37:6@277f" -." IA- 5" 1" :/+372/" >-+=3"  
.71:-21B=";B7=6797"A1:"/A6:"1+/A-.6/;"-."3+/"#""H-2>-206372/61="U 5 ,=- ;77:" I 6/A" ?+/A-.6/;" :A1=""  
62>=+37l=" 5 /0.2 (:)-= 5 /:2(=)0. (>)0.2 (:)-0.2 (- (=)0.2 (+0.2 (2;0.2 (6)0.2 (/)0.2 (=)0.2 (=)0.2 (" )] TJETQq0.24000.24



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X,kk .>HGJAGHAI?i")2/6 5 631/6-2L"/A.71/:l">-7.>6-2L"-. "36:>.6 5 621/6-2"1@162:/ "12;" ,7.: -2"B;"/A7"  
4 -==7@7L"1":/+372/L"-. "12"7 5 ,=- ;77"-. "-/A7." ,7.: -2"1+/A-.6S73"B;"/A7"4 -==7@7"/- " ,.-9637"  
163L"B72706/L"-. ":7.96>7"+237."/A7"4 -==7@7j:"73+>1/6-2" ,.-@.1 5 "-. "1>/696;/L"0-."/A7" ,+ . , - :7"  
-0" 62/7.07.62@" I 6/A" 12;" .6@A/" -. " ,.696=7@7" +237."/A6:"





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-. " =1>/1/6-2f" - . " .7>-97. ; "0. - 5" , .7@212>;L"/7. 5 621/6-2" -0" , .7@212>;L" =1>/1/6-2" - . " .7=1/73" 5736>1=">-236/6-2:#"

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**F**, .GD>"D" 86:>.65 621/6-2" =1 I : "3 - "2 - /">-2/162" 1" 370626/6-2" -0" b.1>7le" B+/" 1.7" 62/7. , .7/73" /- " , . -A6B6/" 36:>.65 621/6-2" -2" /A7" B1:6:" -0" 12>7:/.; " - . " , A ; :6>1=" - . " >+="/+.1=" >A1.1>/7.6:/6>:" 1:: ->61/73" I 6/A" 1">7./162" .1>7L" :>+A" 1:" :Q62">-=-.L"A16."/7C+/+.7" - . " ; :7:L" - . " >7./162" 01>61=" 071+/+.7:L" 123" -2" /A7" B1:6:" -0" :/7.7- /; , 7:" 123" 1:: +5 , /6-2:" 1B- +/" 1B6=6/67:L" / .16:/L" - . " /A7" , 7.0- .5 12>7" -0" 6236963+1=: " -0">7./162" .1>61=" @ . - + , :# " ? =" 6236963+1=:L" 62>=+362@" , 7.:-2:" -0" 5 - .7" /A12" -27" .1>7" 123" /A7" 0=== I 62@" .1>61=" >=1::606>1/6-2:L" 1.7" , . - />/73" 0. - 5" 36:>.65 621/6-2i"

"

- E=1>Qi" ?=" , 7.:-2:"A1962@" - .6@62:"62"12; "-0"/A7"E=1>Q".1>61=" @ . - + , : "-0" ? 0.6>1#" "
- P A6/7"a2-/"-0"F6: , 126>" - .6@62ci"<7.:-2:"A1962@" - .6@62:"62"12; "-0"/A7" - .6@621=" , 7- , =7:" -0"U+ . - , 7L"H- ./A" ? 0.6>1L" - . " /A7" X633=7"U1:/#"

"

- F6: , 126>d` 1/62-i" ?=" , 7.:-2:"-0" X7C6>12L"<+7./- "N6>12L" 4+B12L" 472/.1=L" ` 1/62" - . " \* - +/A" ? 57.6>12" - . " - /A7. " \* , 126:A">+="/+.7" - . " - .6@62L".7@1.3=7:: "-0".1>7#" "

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- 41,7"G7.3712i" ?=" , 7.:-2:"A1962@" - .6@62:"62"/A7" 41,7"G7.37"):=123:#"

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- ? :612" - . "<1>606>"):=1237.i" ?=" , 7.:-2:"A1962@" - .6@62:"62"12; "-0"/A7" - .6@621=" , 7- , =7:" -0" /A7" ]1." U1:/L" \* - +/A71:/ " ? :61L" /A7" )23612" \*+B>-2/6272/" - . " /A7" <1>606>"):=123:L" 62>=+362@L" 0- . " 7C1 5 , =7L" /A7" 1.71:" -0" 4A621L" )2361L" Z1 , 12L" \ - .71L" /A7" <A6=6 , 627" ):=123:"123"\*15 -1#" "

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- D 5 .2(-1)2(")2497.998 -102BT 5 (3"\*)-0.mBT 5 000.24."BT 5 E2cmBT0-730Tm/TT231"12(- , =)0-



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E, ->H>EG?"D" ?2; ",7.: -2" IA- "6: "1" 575 B7." -0L"1, , =67:" /- " ,7.0-. 5L" -." A1:"12" -B=@1/6-2"/-  
 ,7.0-. 5L":7.96>7^62"1"+260-. 573"5 6=6/1. ;":7.96>7"-0"/A7"R26/73"\* /1/7:L^62>=+362@/A7"H1/6-21=  
 T+1.3#"

"

)0"1/"12; "/6 5 7":+B:7V+72"/-"/A7"65 ,=75 72/1/6-2"-0"/A6:"<->6>;L"1336/6-21=" ,.-/7>/73">=1::606>1/6-2:"  
 1.7"7:/1B=6:A73L"6236963+1=":62"/A-:7">=1::606>1/6-2:"A1="B7" ,.-/7>/73"1@162:"36:>.65 621/6-2"+237."  
 /A6:"<->6>;#""

"

.%+ / ' \* 7% \* ! k ' . k . % + / ' \* 70 \* 9 k / " . ! 1 i" ^A7" ,7.: -2" 1@162:" IA- 5 " 1" >- 5 ,=162/" 6:"  
 36.7>/73L^62>=+362@"12"6236963+1=" IA-"A1:"B772".7, -. /73"/-"B7"/A7" ,7. ,7/.1/-."-0">-23+>"/A1"/>-+=3"  
 >-2:/6+/7"\*7CDE1:73" F1.1.: 572/#"W2="; "1" ,7.: -2"62"/A76."6236963+1=">1,1>6/;">12"B7"1"N7: , -2372/  
 62"1">- 5 ,=162/" ,.->7: #"^A7"N7: , -2372/"6:" ,.7:+573"2-/" .7: , -2:6B=7#"

"

+ 5 / / ' . ! 0 - % k 2 % ' + 5 . % + i"\*+ , , -./697" 571:+.7:" 5712:"6236963+1=6S73" 571:+.7:"-007.73"1:"  
 1, ,. , .61/7L"1:" .71: -21B="; "1916=1B=7L" I 6/A-+/" +2.71: -21B="; "B+.37262@"1"4- 5 ,=16212/"-."  
 N7: , -2372/L"2-/"0-." ,+26/697"-."36:>6, =621. ;" .71: -2:L"123" I 6/A-+/"077"-.">A1.@7"/-"/A7"  
 4- 5 ,=16212/"-."N7: , -2372"/-i""

"

'# N7:/-.7"-." ,.7:7.97"/A1" ,1./; j:"1>>7:."/ -"/A7"4 -==7@7j:"73+>1/6-2" ,.-@.15"-."1>/696/;L"  
 62>=+362@" 571:+.7:"/A1/"1.7"37:6@273"/-." ,.-/7>"/A7":107/;"-0"/A7" ,1./67:"-."/A7"4 -==7@7j:"  
 73+>1/6-21="7296.-2572/f"-."

!# <.-9637":+ , , -./"3+.62@/A7"4 -==7@7j:">- 5 ,=162/" ,.->7: :7:"-."3+.62@"12"620-.5 1="  
 .7: -==/6-2" ,.->7: :"-." 57361/6-2#"

"

! 0 2 % i" ^A7" 2+ 5 B7." -0" 31; ;"6236>1/73"1/"71>A"=797=" :A1="B7">-2:637.73"1:"1" 5 1C65 + 5#" ?=" "  
 .71: -21B=7"700-./:"A1="B7" 5 137"/-7C, 736/7"/A7" ,.->7: :L"B+/"A7"<.7:6372/"-."/A76."37:6@277" 5 1 ;"  
 7C/723"/A7" /6 5 7"=6 5 6/:"62"7C/72+1/62@">6.>+ 5 :/12>7:" I 6/A"2-/6>7"/-"/A7" ,1./67:"62" I .6/62@L" -."B;"  
 5 +/+1=" I .6/72"1@.77 5 72/"B7/ I 772"/A7" ,1./67: #"

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7, & + / % ) 0 ( 0 ) & / ' \$ 0 ) 0 % + &

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0, + 5 / / ' . ! & ' ( & \* 7 & ) ' 2 2 0 ! 2 % \* ! & ! ' & 7 0 - % . + 0 ! 1 &

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^A7"4 - 5 5 +26/;"4 -==7@7:"A197"A6:/-.6>1=;"B772"1"5 1[-.->-2/.6B+/62@"7=7 5 72"/-"/A7"7 5 7.@72>7"-0" -+."21/6-2"1:"-27"-0"/A7"5 -:/"/7>A2--=@6>1=;"123"7>-2- 5 6>1=;"13912>73":->67/67:"-0"/A7" I -.=3# ^A7"6 5 , -./12/"-.=7"/A1"/A7"4 - 5 5 +26/;"4 -==7@7:">12",=1;"6:" , -0-+23=;"37,72372"/+, -2"/A7"7C/72/" /- " I A6>A"/A7;" 5 1;"3.1 I"0.- 5 "/A7"0+==">-==7>/697"-0"62/7==7>/+1=" .7: -+.>7:" I 6/A62"71>A"4 -==7@7:" >- 5 5 +26/;" -0":>A=-1.:L":/+372/:L"123"13 5 626:/./1/-.:# ? 2;">-236/6-2"-."0-.>7"/A1/"6 5 ,737:"/A7" 0+==7:/"+/6=6S1/6-2"-0"/A7"A+ 5 12"123"62/7==7>/+1=" .7: -+.>7:"1916=1B=7".7, .7:72/:"1"0-.>7"-0"37:/.+>/697" >-2:7V+72>7"0-."/A7"3797=-, 5 72/"-0"-+."4 - 5 5 -2 I 71=/AL"123"+/=6 5 1/7=;L"-+."21/6-2#"

"

4 - 5 5 +26/;"4 -==7@7:"/+372/:L"01>+="/;L":/100"123"96:6/-.: "5 +:/B7"0.77"0.- 5 ">-23+>"/A1/"A1:"/A7" ,+., -:7"-."7007>/"-0"62/7.07.62@" I 6/A"12"6236963+1="1>137 5 6>"-. , .-07::6-21=" ,7.0-. 5 12>7"123" >.71/62@"12"62/6 5 631/62@L" A-:/6=7"-."37 5 71262@"73+>1/6-21="-. "7 5 ,=-; 5 72/"7296.-2 5 72/# ^A7.70-.7L"/A7"4 - 5 5 +26/;"4 -==7@7:"7:/1B=6:A"1", -=6>;"-0"+27V+69->1=">-237 5 21/6-2"-0"1="0-. 5 : "-0"/A26>L".7=6@6-+:"L">+="/+1=L"-."1>61="62/-=7.12>7" I 6/A62"/A7"060/772"4 -==7@7">- 5 5 +26/67:#"

"

^A6:" , -=6>;">-237 5 2:"1=">-236/6-2:"123"1="1>/6-2:"-. "5 6::6-2:L"62>=+362@"1="1>/: "-0"97.B1=" A1.1:: 5 72/"-."1B+:"7L" I A6>A"372;"-."A197"/A7"7007>/"-0"372;62@/"-12"6236963+1="/A76." .6@A/:"/-" 7V+1=6/;L"36@26/;"123":7>+.6/;"62"96-=1/6-2"-0"/A76." .6@A/:"@+1.12/773"+237."/A7"=1 I# ^A7" , -=6>;" .71006. 5 :"/A7"3->/.627"-0">696=6/;L"1, , .7>61/6-2"0-." , +=.1=6: 5 "123"/A7" , .7D7 5 6272>7"-0"6236963+1=" A+ 5 12"36@26/;"1:" , .7>-236/6-2:"/-"/A7"1>A6797 5 72/"-0"12"1>137 5 6>">- 5 5 +26/;"A1"/.7>-@26S7:"123" +/6=6S7:"/A7".7:-+.>7:"-0"1=" ,7.: -2:" I A6=7".7>-@26S62@"123".71006. 5 62@"/A7"/727/:"-0"1>137 5 6>" 0.773- 5 "1:" :/1/73"62"1, , =6>1B=7">-==7>/697" B1.@16262@"1@.77 5 72/:"# ^A7"4 - 5 5 +26/;"4 -==7@7:" .7>-@26S7"/A76."-B=6@1/6-2"/- , .-/7>"/A7".6@A/:"-0"0.77"62V+6.;"123"7C, .7::6-2L"123"2-/A62@"A7.762" :A1="B7">-2:./+73"-."1, , =673:"-1:"/-"1B.63@7"/A7"7C7.>6:7"-0".6@A/:"+237."/A7"4 -2:/6+/6-2"-0"/A7" R26/73"\*/1/7:"123"-/A7."0737.1="123":/1/7=1 I :#"

"

^A7"4 - 5 5 +26/;"4 -==7@7:" I 6=="96@-.-+:=;:"/.697"/-1>A6797"3697.:6/;" :+006>672/=;" .70=7>/697"-0"-+." :->67/;# F- I797.L"3697.:6/;"1=-27" I 6=="2-/" :+006>7# ^A7.7" 5 +:/B7"1"+26/;"123">-A7:6-2"62"/A7" 3697.:6/;"A1/"I 7: (B7)0.12(/)0.=/A-12-12 5 89..2(7)"

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00, / ' \$0) 1&" 9 "0\*+!&/ . ' :0#0!%7& ) ' \* 75 ) !&&

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G, 0?HEI@^DHAI?&

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^A7" 5 6::6-2"-0"/A7" 4- 5 5+26/;" 4 -==7@7:"6:"/-"73+>1/7L"/.162"123", .7, 1.7"-+." :/+372:/-="697"123" I -.Q"62"-+."62>.71:62@=";"@=-B1="123"3697.:7" I -.Q0-.>7#")/"6:"-+.">- 5 5 6/5 72/"-"/1Q7"1=" , - : :6B=7" :/7, : "/- , .-9637" 12" 62>+ :697" 123" 3697.:7" =71.262@L" =6962@L" 123" I -.Q" 7296.-2 5 72/" /A1/" 91=+7:" 3697.:6/;" 123">+:/+ .1="/-7.12>7"123"=-Q:" I 6/A"36:019-. "-2"62/-=7.12>7"123"B6@-/. ;# ? 2 ;">-236/6-2" -. "0-.>7"/A1/" 65 , 737:" /A7" 0+=7:/ " +/6=6S1/6-2" -0"/A7" A+5 12" 123" 62/7=7>+1=" .7: -+.>7:" 1916=1B=7" .7, .7:72/:" 1"0-.>7" -0"37:/ .+>/697">-2:7V+72>7:"0-." /A7" 3797=-, 5 72/" -0" -+." 4- 5 5 -2 I 71=/A" 123" +/=6 5 1/7=;L"-+."21/6-2#"

"

Z, 7>\A?AHAI?C&

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<.-A6B6/73"4-23+>/"62>+37:i"86:>.65 621/6-2L"86:>.65 621/-.; "F1.1.: 5 72/L"\*7CDE1:73"F1.1.: 5 72/" 123"N7/1=61/6-2# ^A7:7"/7. 5:" 123" 1="<.-/7>/73" 4=1::a:cd4=1::606>1/6-2a:c" 1.7" 3706273"+237." /A7" b870626/6-2:e":7>/6-2"-0"/A6:"<-6>;#""""

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D, / IJADW&/EI [AZAHAI?C&&

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^A7"<-6>; , .-A6B6/: "1=">-236/6-2:" 123"1="1>/6-2:" - .- 5 6::6-2:L" I A6>A"372;" - . "A197"/A7"7007>/" -0" 372;62@"/- "12;" , 7.:-2"/A76." 6@A:/- "7V+6/;" 123":7>+.6/;" -2"/A7"B1:6:" -0"/A76." 5 7 5 B7.:A6, "62"- . " 1::->61/6-2" I 6/A" 1" 5 7 5 B7.a:c" -0"12;" , .-/7>/73">=1::#" ^A6:" , -6>; .71006. 5 :"/A7"91=+7:" -0">696=6/;L" 1, , .7>61/6-2"0- . "1>61=d7/A26>d>+:/+ .1=d.7=6@6-+:" , =+ .1=6: 5 " 123" , .7D7 5 6272>7" -0"6236963+1="A+ 5 12" 36@26/;" 1:" , .7>-236/6-2:" /- "/A7" 1>A6797 5 72/" -0" 12" 1>137 5 6>">- 5 5 +26/;" I A6>A" .7>-@26S7:" 123" +/6=6S7:"/A7" .7: -+.>7:" -0"1=" , 7- , =7#"

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)2" - .37." /- , .- 5 -/7" 12" 1/5 - : , A7.7" 62" I A6>A" 3697.:6/;" 6:" 91=+73" 123"/A7" I -. /A" -0" 6236963+1=":6:" .7>-@26S73L"/A7" 4 -==7@7:" I 6="36:/ .6B+7" , -6>; : /1/7 5 72/:" 123">-23+>/"73+>1/6-21=" , .-@.1 5 :"/- ">- 5 B1/"1="<.-A6B6/73"4-23+>/#"

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^A7" , .-A6B6/6-2" -2"<.-A6B6/73"4-23+>/">-2/16273"62"/A6:"<-6>; : A1=" 1 , , =; "/- " 123" B7" 720-.>73" 1@162:/ "1=" 5 7 5 B7.:" -0"/A7" 4 -==7@7">- 5 5 +26/;L"62>+362@L"B+/" 2-/"=6 5 6/73"/-L"01>+:/;L"=6B.1.612:L" 13 5 626:/ .1/-.:L" :/100L" :/+372/:L" 9723-.:L" >-2/.1>/-.: " 123" 1=" -/A7.: " A1962@" 371=62@:" I 6/A" /A7" 62:/6+/6-2#"

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@, ) I?@^DH&! [GH&AC&\* IH&/EI [AZAH>@&"

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^A7"4- 5 5+26/;" 4 -==7@7:"1.7">- 5 5 6/73"/- , .-/7>/62@L" 5 162/16262@"123"72>-+ .1@62@"B-/A"0.773- 5" -0"7C, .7::6-2" 123"0+= "1>137 5 6>"0.773- 5" -0"62V+6. ;L"/71>A62@L":7.96>7L" 123" .7:71.>A#"H-/A62@"62" /A6:"<-6>; : A1="B7">-2:/+73"/- , 721=6S7"1" 5 7 5 B7." -0"/A7" 4 -==7@7">- 5 5 +26/;"0- . "7C, .7::62@"12" - , 626-2L"/A7- . ;L"- . "6371"62"/A7" , .->7: "-0".7: , -2:6B=7/71>A62@"123"=71.262@#" ?>>- .362@=;L"12;"0- . 5" -0" : , 77>A" -." >-23+>/" /A1/" 6:" , .-/7>/73" B;" /A7" , .62>6, =7:" -0" 1>137 5 6>" 0.773- 5" - . " /A7" ]6.:/" ? 5 723 5 72/"- /A7"R26/73"\*/1/7:" 4-2:/6+/6-2"6:"2-/" :+B[7>"/- "/A6:" , -6>;#&

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^A7"4 - 5 5+26/;"4 ==7@7:"A197"7:/1B=6:A73"1":,7>606>"62/7.21=",.->73+.7"/-A7=,".7:-=97">=165:"  
123">- 5 ,=162/:"-0"96=-1/6-2:"-0"/A6:"<=-6>;"-2"/A76.">15 ,+:7:"a:77"\*7>/6-2" ` "b4 - 5 ,=162/"  
<.->73+.7:cc# ? 2;">+..72"/-."0-. 5 7.":/+372/a:c"-."75 ,=-;77a:cl"-.">+..72"/-."0-. 5 7."1 , ,=6>12/"0-." "  
135 6: :6-2"-."75 ,=-; 5 72/l"-."1" ,7.: -2"-/A7."/A12"1"::/+372/"-."75 ,=-;77"60"/A7;" I 7.7" ,1./6>6,1/62@  
-."1//75 ,/62@"/- ,1./6>6,1/7"62"/A7"4 -==7@7j:"73+>1/6-2" ,.-@.15"-."1>/696/;"I A-"B7=6797:"/A1/"  
/A7;"A197"B772":+B[7>/73"/- "<.-A6B6/73"4 -23+>/" 5 1;"626/61/7"1">- 5 ,=162/"1":-+/-6273"A7.762#"  
<.-A6B6/73"4 -23+>"/A1/"->+.: "+237."1".7>6,672/j:"73+>1/6-2" ,.-@.15"-."1>/696/;"62>=+37:l"B+/"6:"  
2-/"=65 6/73"/-l">-23+>"/A1/"->+.: "62"1"B+6=362@"- I 273"-.">-2/.-=73"B;"1"::/+372/"-."@126S1/6-2"  
/A1/"6:"-006>61=;" .7>-@26S73"B;"A7"4 -==7@7l"123">-23+>"/A1/"6:"+B[7>"/-"/A7"4 -==7@7j:"  
36:>6,=621.;"1+/A-.6/;"# ]+./A7."1396>7"-."620-. 5 1/6-2" 5 1;"B7"-B/16273"B;">-2/1>/62@"/A7"  
?006. 5 1/697" ?>/6-2"W006>7."-."^6/=7")g"4 --.3621/-."#""

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U97.;"01>+="/; 5 7 5 B7.L"=6B.1.612L"13 5 626:/1/-."L":/100" 5 7 5 B7.L"75 ,=-;77L"1@72/L"-."-/A7." ,7.: -2"  
1+/A-.6S73"B;"A7"4 -==7@7"/- ,.-9637"163L"B72706/L"-." :7.96>7"+237."/A7"4 -==7@7j:"73+>1/6-2"-."  
1>/696/;"A1:"1"3+;/"/- ">-- ,7.1/7"0+=;"123"+2>-236/6-21=;"62"12"6297:/6@1/6-2">-23+>/73" ,+.:+12/"  
/-" /A6:" <=-6>;j:" 4 - 5 ,=162/" <.->73+.7L" :+B[7>"/-"/A7" ,.-96:6-2:" -0"12;" .7=7912/" >-==7>/697"  
B1.@16262@"1@.77 5 72/:"#)2"1336/6-2L"797.;"6236963+1=" ,1./6>6,1/62@"-."1//75 ,/62@"/- ,1./6>6,1/7"62"  
/A7"4 -==7@7j:"73+>1/6-2" ,.-@.15"-."1>/696/;"A1:"1"3+;/"/- ">-- ,7.1/7"0+=;"123"+2>-236/6-21=;"62"  
12"6297:/6@1/6-2">-23+>/73" ,+.:+12/"-"/A6:"<=-6>;j:" 4 - 5 ,=162/"<.->73+.7#"

"

^A6:"3+/"62>=+37:l"15 -2@"-/A7."/A62@:l": ,71Q62@" I 6/A"/A7" ?006. 5 1/697" ?>/6-2"W006>7.L" ^6/=7")g"  
4 --.3621/-."-"/A7."1+/A-.6S73" ,7.: -227=-."6297:/6@1/-."123"9-=-+2/1.6=;" ,.-96362@"1="620-. 5 1/6-2"  
123"3->+5 72/1/6-2" I A6>A".7=1/7:"-/A7">=165"B762@"6297:/6@1/73#"^A7"016=+.7"123d-."70+:1="-0"12;"  
75 ,=-;77"/- ">-- ,7.1/7"62"12"6297:/6@1/6-2" 5 1;" .7:+=/"62"36:>6,=621.;"1>/6-2"+,"-/ "123"62>=+362@  
/7.5 621/6-2#"

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Y, 7 ^HW&HI& .>=IEH&

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• 9>?>EGJ& .>C=I?CAZAJAHW&HI& .>=IEH&/EI[AZAH>@& ) I?@^DH&

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H-"5 7 5 B7."-0"/A7"4 -==7@7">- 5 5 +26/;" I A-.7>7697:"1">- 5 ,=162/"-0"<.-A6B6/73"4 -23+>/">12"6@2-.7"  
6/f"/A7;" :A-+=3"@697"/-"/A7" ,7.: -2" 5 1Q62@"/A7">- 5 ,=162/"1:" 5 +>A"1":6:/12>7"62"B.62@62@"6"/-"/A7"  
1//72/6-2"-0"/A7" ?006. 5 1/697" ?>/6-2"W006>7."-."^6/=7")g"4 --.3621/-."1":6:".71:-21B="1 , ,.- ,.61/7"  
@6972"/A76." , - :6/6-2"1"/A7"4 -==7@7"123".7=1/6-2:A6," I 6/A"/A7" ,7.: -2" 5 1Q62@"/A7">- 5 ,=162/#""

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• .>=IEHA?Y&I\&+>BS#GC>@& : GEGCC F>?H&ZW&\* I?DI?A@>?HAGJ&% F=JIW>>C&

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?=7@1/6-2:"629-=-962@"\*7CDE1:73"F1.1.: 5 72/"A1="B7".7 ,.-/73"B;"1="bH-2>-206372/61="U 5 ,=-;77:"  
I 6/A" ?+/A-.6/;"e"/-"/A7" ^6/=7")g">--.3621/-0.200.2(21)0.2(/)0.2(-0.200.2(21)0.2(/)0.2(-(/)0.2(.2(0.2())4(21)0.-0

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-. "IA- 5"1":/+372/">-+=3".71:-21B=;"B7=6797"A1:"/A6:"1+/A-.6/;"-. "3+;/;#"H-2>-206372/61="U5 ,=- ;77:"  
I 6/A" ?+/A-.6/;" :A1="62>+=37L"B+/"1.7"2-/"B7="6 5 6/73"/-L"4 -==7@7"/.+:/77:L"13 5 626:/1/- .:L"37, 1./5 72/"  
>A16.:L" ,.-@.15" >--.3621/-.:L" >15 ,+:" ,=-6>7L" >+=Bd1>/696/;" 1396:-.:L" >-1>A7:L" 5 121@7.: " -."  
:+,7.96:-.:#"

bH-2>-206372/61="U5 ,=- ;77:" I 6/A-+/" ?+/A-.6/;eL" I A6>A">-2:6:/:"-0"1=="-/A7."4 -==7@7"75 ,=- ;77:L"  
62>+=362@B+/"2-/"=6 5 6/73"/-L"01>+="/;L"13[+2>/"62:/+>/-.: "123":/100L":A1="76/A7."a 'c"2-/60;"/A7" ^6/=7"  
)g"4 --.3621/-." IA72"/A7"75 ,=- ;77"A1:"620-. 5 1/6-2"1B-+/">-23+>/"A1/" .71:-21B=;" 5 1;">-2:/6+/7"  
\*7CDE1:73" F1.1.: 5 72/" -."a!c" ,.-9637"/A7">-2/1>/"620-. 5 1/6-2" -0"/A7" ^6/=7")g"4 --.3621/-." 123"  
620-. 5 1/6-2"-2"A- I"/- "5 1Q7"1">- 5 ,=162/"-0"\*7CDE1:73" F1.1.: 5 72/#""

H-2>-206372/61=" U5 ,=- ;77:" 5 1;" 2-/" 5 162/162" /A7" 12-2; 5 6/;" -0" /A7" .7,-./62@" ,1./;" 123" 1.7"  
.7V+6.73"/-":A1.7"/A6:"620-. 5 1/6-2" I 6/A"/A7" ^6/=7")g"4 --.3621/-.#"

• (GAJ^E>&HI& .>=IEH&ZW& \* I?DI? \A@>?HAGJ&% F=JIW>>C&

)2>6372/:"-0"]16+=.7"/- "N7, -./"B;"H-2>-206372/61="U5 ,=- ;77:" I 6="B7"6297:/6@1/73"B;" /A7" ^6/=7"  
)g"4 --.3621/-."1:"1"96=-1/6-2"-0"/A6:"<=-6>;#" ?"H-2>-206372/61="U5 ,=- ;77"0-+23".7: , -2:6B=7"0-."  
016=62@"/- "2-/60;"/A7" ^6/=7")g"4 --.3621/-."-0">-23+>/"A1/" .71:-21B=;" 5 1;">-2:/6+/7"\*7CDE1:73"  
F1.1.: 5 72/" -."016=62@"/- ,.-9637" 12"6236963+1=" I 6/A"/A7">-2/1>/"620-. 5 1/6-2" -0"/A7" ^6/=7")g"  
4 --.3621/-." 123"620-. 5 1/6-2"-2"A- I"/- "5 1Q7"1">- 5 ,=162/"-0"\*7CDE1:73" F1.1.: 5 72/L" 5 1;"B7"  
:+B[7>"/- "36:>6,=627#" 86:>6,=627"0-." 96=-1/62@"/A6:" <=-6>;" 5 1;"62>+=37L" B+/"6:" 2-/"=6 5 6/73"/-L"  
5 1231/-.; ">-+2:7=62@" -."/.16262@L" 97.B1=" -." I .6/72" I 1.262@:L" :+; ,72:6-2L"/7. 5 621/6-2"0- 5"  
75 ,=- ; 5 72/L"123d-."7C, +=:6-2"0- 5 "/A7"4 -==7@7#""

• 2 G?@GHIEW& .>=IEHA?Y&I\& "Z^C>& 5 ?@>E&+HGH>&\$Gd"

4A6=3.72"a1",7.:-2"+237."/A7"1@7"-0" (c" 5 1;"B7":/+372/:"1"/A7"4 -==7@7L"-." 5 1;"B7"72@1@73"62"1>/696/67:"  
: , -2:-.73"B;" /A7" 4 -==7@7" -."B;" /A6.3D, 1./67:"+/6=6S62@"4 -==7@7"01>6=6/67:#")2":+>A"62:/12>7:L" I A7.7"12"  
75 ,=- ;77" A1:" .71:-21B=7">1+:7"/- "B7=6797"/A1/" 1">A6=3"6:" :+007.62@" ,A; :>6>1=" -." 75 -/6-21=" 62[+.;L"  
.7:+=/62@"0- 5 "15 -2@"/A7.">1+:7:L":7C+1="1B+:7L"62>+=362@\*7CDE1:73" F1.1.: 5 72/L"/A7"75 ,=- ;77"123"  
/A7" 4 -==7@7" 5 1;"B7" -B=6@1/73"/- ">- 5 ,=" I 6/A"/A7" 5 1231/-.; ".7, -./62@".7V+6.7 5 72/:"7:/1B=6:A73"1/"  
X#T# # 4A1,/7." ' ' &L" \*7>/6-2"\$ ?DU#")2":+>A">1:7:L"/A7"75 ,=- ;77"6:"36.7>/73"/- "6 5 7361/7="; ".7, -./"  
/A7" 5 1/7."-/A7"4 -==7@7j:" ?006. 5 1/697" ?>/6-2"123d-." ^6/=7")g"4 --.3621/-."L" I A-L"62">-2:+=/1/6-2" I 6/A"  
-/A7."-006>61=:L":A1=">-2/1>/"A7"4 -5 5 -2 I 71=/Aj:" 87, 1./5 72/"-0" 4A6=3.72" 123" ] 15 6=67:" 123d-."=1 I"  
720-.>7 5 72/#" ?2"75 ,=- ;77" 5 1;"1=: ">-2/1>/"=->1="I "720-.>7 5 72/"1+/A-.6/67:"-." /A7" 87, 1./5 72/"-0"  
4A6=3.72" 123" ] 15 6=67:" 36.7>/="; "62">1:7:"-0" :+; ,7>/73" 1B+:7" -." 27@=7>/#" "\*/1/7"=1 I "1=: -" 5 162/162:"  
5 1231/-.; ".7, -./62@".7V+6.7 5 72/:"0-.">7./162"->>+, 1/6-2:" I A7.7"1B+:7"-." 27@=7>/6:" :+; ,7>/73"-0"13+="/:  
1@7" %K" -." =-37." -.">A6=3.72" 123" 13+="/: I 6/A" 36:1B6=6/67:#" ] -." 5 -.7"620-. 5 1/6-2" -2"/A7:7" .7, -./62@"  
.7V+6.7 5 72/:" ,=71:7">-2/1>/"A7"4 -==7@7j:" ?006. 5 1/697" ?>/6-2"W006>7."-." ^6/=7")g"4 --.3621/-.#"

?2;" 5 75 B7."-0"/A7"4 -==7@7">- 5 5 +26/;" I A-"A1:"1"V+7:/6-2"1B-+/"A76." .7: , -2:6B6=6/67:"+237."/A6:"  
<=-6>;":A-+=3">-2/1>/"A7" ?006. 5 1/697" ?>/6-2"W006>7."-." ^6/=7")g"4 --.3621/-.#"

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)/"6:"/A7"@-1="-0"/A7"4-55+26/;"4-==7@7:"/="- , -5-/7"12"73+>1/6-21="7296.-2572/"123" I-.Q, =1>7" /A1/"6:"0.77"-0"1="0-.5:"-0"\*7CDE1:73"F1.1::572/"#"\*7CDE1:73"F1.1::572/"-0:"/+372/:"-.75 ,=- ;77:" ->>+..62@"62"-."=656/62@"1>>7:"/="-12"73+>1/6-2" , -@.15L"1>/696/;L"-." I-.Q, =1>7" I6=="2-/"B7"/-="7.1/73" B;"/A7"4-="7@7#" ]+./A7.L"12;".7/1=61/6-2"1@162:"12"6236963+1=" IA-"A1:".7, -./73"620-.51/6-2L"5137" 1">-5 ,=162/L"/7:/60673L"1::6:/73L"-." ,1./6>6,1/73"-." .70+:"73"/="- ,1./6>6,1/7"62"12;"51227."62"12" 6297:/6@1/6-2L" ,.->77362@L"-."A71.62@"+237."/A6:" ,1./L"62>="+362@"62"12"620-.51=" .7:-="+/6-2" ,.->7::L" 62">-5 ,=162/" ,.->7::7:L"-."62"12;"-/A7."1>/6-2:"/1Q72"B;"1"4-="7@7" I6=="2-/"B7"/-="7.1/73#"^-"1>A6797" -+."@-1="-0" ,.-96362@"1">15 ,+:"123" I-.Q, =1>7"0.77"0.-5"\*7CDE1:73"F1.1::572/L"/A7">-23+>"/A1/" 6:"37:>.6B73"62"/A6:" ,=-6>;" I6=="2-/"B7"/-="7.1/73"123" I7"A197" ,.-96373"1" ,.->73+.7"B;" IA6>A" 621 , ,.- ,.61/7">-23+>/" I6=="B7"371="/ I6/AL"60"72>"+2/7.73"B;" :/+372/:"-.75 ,=- ;77:"#"

"

E7>1+:"7"/A7"4-55+26/;"4-==7@7:"/1Q7"1="7@1/6-2:"-0"\*7CDE1:73" F1.1::572/" :7.6-+::;L" I7" I6==" .7: , -23" ,.-5 ,/=" ;"/- ">-5 ,=162/:"-0"\*7CDE1:73" F1.1::572/"123" IA7.7"6"6:"37/7.56273"/A1/" 621 , ,.- ,.61/7">-23+>/"A1:"->>+..73L" I7" I6=="1>" ,.-5 ,/=" ;"/-="7=65621/7"/A7">-23+>/"123"65 , -:"7":+>A" >-..7>/697"571:+.7:L"62>="+362@"36:>6,=621.;"1>/6-2" IA7.7"1 , ,.- ,.61/7"123" >-2:6:/72/" I6/A" 1 , ,=6>1B=7">-="7>/697"B1.@16262@"1@.77572/:"#"

"

^A7"4-55+26/;"4-==7@7:"3-"2-/"36:>.65621/7"-2"/A7" B1:6:"-0":7C"123" ,.-A6B6/"\*7CDE1:73" F1.1::572/"62"12;"73+>1/7\*-0.2(6)f[(6)9.92cmBT50005020'(7)0.2589.9220.2TQq0.2BT505((7)1T(1)0.20.241

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Z, & 7 > \A? AHAI? & I \& + > BS# GC > @ & : GEGCC F > ? H"

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\*7CDE1:73" F1.1:: 5 72/L" 1:" 3706273" +237." /A7" b8 70626/6-2:e" :7>/6-2" -0" /A6:" <--6>;L" 5 712:" 12;"  
36:>.6 5 621/6-2"B1:73"-2":7CL"62>=+362@"B+/"2-/"=6 5 6/73"/-L":7C+1="A1.1:: 5 72/"123"A1.1:: 5 72/"B1:73"  
-2":7C" :/7.7-/-; , 7:L" :7C">A1.1>/7.6:/6>:L" ,.7@212>;" -." .7=1/73">-236/6-2:L" :7C+1="-.672/1/6-2L" -."  
@7237."6372/6/;L" "A1.1:: 5 72/L"A-:/6=7"7296.-2 5 72/"A1.1:: 5 72/L"-."-27"-0"0-+." : , 7>606>"  
:7C" -0072:7:" .707.72>73"62"/A7"Z71227" 4=7.; " 86:>=- :+.7" -0" 415 , +:"\*7>+.6/;" <--6>;"123" 415 , +:"

! J"

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4 - 5 , =16212/f"1" , 1.72/l"@+1.3612l" - . - /A7."1+ /A- .6S73"=7@1=" .7 , .7:72/1/697" I 6/A"/A7"=7@1=" .6@A"/-  
1>/" -2"B7A1=0"-0"1"4 - 5 , =16212/l"123"/A7"^(6/=7")g"4 -- .3621/- .#" "  
"

)2"/A7"1B:72>7"-0"1">- 5 , =162/" - . /A7" I 6/A3.1 I 1=" -0"12; " - . "1=" -0"/A7"1=7@1/6-2:"62"1"  
>- 5 , =162/l"123"62"/A7"1B:72>7" - . /7. 5 621/6-2"-0"12"620- . 5 1=" .7: -+ /6-2" , .->7: :L"/A7"^(6/=7")g"  
4 -- .3621/- . " 5 1; "37/7. 5 627" I A7/A7." /-"626/61/7"1">- 5 , =162/" -0"\*7CDE1:73"F1.1:: 5 72/#"^- "5 1Q7"  
/A6:"01">D: , 7>606>"37/7. 5 621/6-2L"/A7"^(6/=7")g"4 -- .3621/- . " 5 +: /">-2:637.L"1/"1"  
5 6265 + 5 L"/A7"0-=- I 62@"01">/- . :i"  
"

- a c"^A7"4 - 5 , =16212/j: ".7V+7:/"2-"/- " , .->773" I 6/A"626/61/6-2"-0"1">- 5 , =162/f"
- a c"^A7"4 - 5 , =16212/j: ".71: -21B=7": 107/; ">-2>7.2: ".7@1.362@"626/61/6-2"-0"1">- 5 , =162/f"
- a c"^A7".6:Q"/A1/"1336/6-21="1>:" -0"\*7CDE1:73"F1.1:: 5 72/" I -+=3"->>+."60"1">- 5 , =162/"6:"2-/"  
626/61/73f"
- a c"^A7":797.6/; " -0"/A7"1=7@73"\*7CDE1:73"F1.1:: 5 72/l"62>+=362@" I A7/A7."1"96=-1/6-2L"60"  
7:/1B=6:A73L" I -+=3".7V+6.7"/A7".75 -91="-0"1"N7: , -2372/"0. - 5">15 , +: "-. "65 , - :6/6-2"-0"  
12- /A7."
- 36:>6 , =621. ; " :12>/6-2"/- "723"/A7"\*7CDE1:73"F1.1:: 5 72/"123" , .7972/"6/: ".7>+..72>7f"
- a c"^A7"1@7"123".7=1/6-2:A6, " -0"/A7" , 1./67:L"62>+=362@" I A7/A7."/A7"N7: , -2372/"6:"12"  
75 , - ; 77"-0"/A7"4 -==7@7f"
- a c"^A7":>- , 7"-0"/A7"1=7@73"\*7CDE1:73"F1.1:: 5 72/l"62>+=362@"620- . 5 1/6-2":+@@"7:/62@"1"  
 , 1//.2L" -2@-62@"\*7CDE1:73"F1.1:: 5 72/l" - ."\*7CDE1:73"F1.1:: 5 72/"1=7@73"/- "A197"65 , 1>/73"  
5 +=/6 , =7"  
6236963+1=:f"
- a c"^A7"1916=1B6=6/; " -0"796372>7"/- "1::6:/"1"^(6/=7")g"4 -- .3621/- . "62"37/7. 5 6262@" I A7/A7."\*7CD  
E1:73"F1.1:: 5 72/"->>+..73f"123"
- a c" P A7/A7."/A7"L. (-1)0.2(/T.24+331T. 5 0TJ0.2.C4100 5 06 5 4.0039-941Tcm 8 1.616-.92cmBT 5 01)0.20



!

W2>7/A7"6297:/6@1/6-2"6:">- 5 ,=7/7L/A7"4 -=7@7" I 6=L"/- /A7"7C/72/"1, , .- , .61/7L"620-. 5 /A7", 1./67:"  
-0"/A7".7:+=/:"-0"/A1/"6297:/6@1/6-2#""

"  
)0"6/"6:"37/7. 5 6273"/A1/"1"96=-1/6-2"-0"/A6:"<-=6>; "A1:"->>+..73L"/A7"4 -=7@7" I 6="1>"/, .- 5 ,/=; "/-  
7=65 621/7"/A7"-0072362">-23+>/L"123" I A7.7"6"6:"1, , .- , .61/7"1=: -"65 , - :7"36:>6, =621.; ":12>/6-2:#""

\, 7ACDA=JA?GEW&"DHAI?&

&  
86:>6, =627"0-. "96=-1/62@"/A6:"<-=6>; "5 1; "62>+=37L"B+/"6:"2-/"=65 6/73"/-L" 5 1231/-.; ">-+2:7=62@"-.  
/.16262@L"97.B1="-. " I .6/72" I 1.262@:L":+: ,72:6-2L"/7. 5 621/6-2"0.- 5 "75 ,=- ; 572/L"-."7C, +=:6-2"  
0.- 5 "/A7"4 -=7@7#""

Y, ) I?C>?C^GJ& .>JGHAI?C[A=C&&

• (GD^JHWK"@FA?ACHEGHIEK+HG\& 2 >FZ>E& .>JGHAI?C[A=C&dAH[&+H^@>?HC&

&  
?" .- 5 12/6>" 123d-." :7C+1=" .7=1/6-2:A6,L">-2:72:+1=" -." -/A7. I 6:7L" B7/ I 772" 1" 01>+="/; " 5 75 B7.L"  
135 626:/1/-." -." :/100" 5 75 B7." 123" 1" :/+372/" 6:" =--Q73" +, -2" I 6/A" 36:019-." 123" 6:" :/.-2@=";  
36:>-+.1@73#"H-"01>+="/; " 5 75 B7." :A1="A197"1" .- 5 12/6>"123d-." :7C+1=" .7=1/6-2:A6,L">-2:72:+1=" -."  
-/A7. I 6:7L" I 6/A"1":/+372/" I A-"6:"B762@/1+@A/"-."1396:73"B; "/A7"01>+="/; " 5 75 B7."-." I A-:"7"1>137 5 6>"  
I -.Q" 6:" B762@" :+, 7.96:73" -." 791=+1/73L" 36.7>="/; " -." 6236.7>="/; L" B; "/A7" 01>+="/; " 5 75 B7.#" " H-"  
135 626:/1/-." -." :/100" 5 75 B7." :A1="A197"1" .- 5 12/6>" 123d-." :7C+1=" .7=1/6-2:A6,L">-2:72:+1=" -."  
-/A7. I 6:7L" I 6/A"1":/+372/" I A-"/A7"13 5 626:/1/-."-." :/100" 5 75 B7." :+, 7.96:7:L"791=+1/7:L"1396:7:L"-."  
, .-9637:"-/A7.", .-07::6-21="1396>7"-." :7.96>7:"1:" ,1./"-0"1"4 -=7@7", .-@.1 5"-."1>/696/#"

• .>JGHAI?C[A=C&#>Hd>>?&+^=>E\_ACIEC&+^ZIE@A?GH>C&IE& ) IS e IEB>EC&

"  
?">-2:72/62@"- .- 5 12/6>" 123d-." :7C+1=" .7=1/6-2:A6, "B7/ I 772" 1" :+, 7.96:-." 123" :+B-.3621/7"-.">-D  
I -.Q7.:" 5 1; "62/7.07.7" I 6/A"-."65 , 16."/A7" ,7.0-. 5 12>7"-0", .-07::6-21="3+/67:"123" .7: , -2:6B6=6/67:"  
123d-.">.71/7"12"1, , 71.12>7"-0"B61:"-."019-.6/6: 5 #"" ]+/A7.L":+>A".7=1/6-2:A6, :>-+>3"65 , =6>1/7":/1/7"  
7/A6>:"=I I : " 123d-." .7:+=/" 62" >=165 : " -0" \*7CDE1:73" F1.1:: 572/" -." .7/1=61/6-2#" ^A7.70-.7L":+>A"  
I -.Q, =1>7".7=1/6-2:A6, : "1.7":/.-2@="; "36:>-+.1@73#"

[, 0@>?HA\ADGHAI?&

"  
<7.: -21="; "6372/6061B=7" 620-. 5 1/6-2" 1B-+/" , 1./67:" -0" \*7CDE1:73" F1.1:: 572/" I 6="B7"/.71/73" 1:"  
>-206372/61=" 123" -2="; " :A1.73" I 6/A" ,7.: -2:" I 6/A" 1" : ,7>606>" 2773" /-" Q2- I " 123d-." I A-" 1.7"  
6297:/6@1/62@" 123d-." 13[+36>1/62@"/A7">- 5 , =162/L" 37=697.62@".7: -+>7:" -." :+, , -." :7.96>7:" /-"/A7"  
4- 5 , =16212/" -." 1:" , +B=6>" :107/; " .7V+6.7:#" ^A7" 4 -=7@7" 3-7:" 2-/" , +B=6:A"/A7" 21 5 7:" -." -/A7."  
6372/6061B=7"620-. 5 1/6-2"-0" , 1./67:" -0" \*7CDE1:73" F1.1:: 572/"62"/A7">15 , +:" , -6>7"37, 1./572/j:"  
8 16="; "4.65 7" ` -@L" 62" 12; " ^6 5 7="; " P 1.262@:" 6: +73" -." -2=627#" ")2" 1>>-.312>7" I 6/A"/A7" ]15 6=";  
U3+>1/6-21=" N6@A/: " 123" <.691>; " ?>/" a]UN<?cl" 1TjET0.2(JEBT 5 000 5 0122 8 T0.2(JEBT 5 000 5 7jETQq 5 7jE

!\$"

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A, +^==IEHA\_> 2 >GC^E>Ck

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^6/=7")g".7V+6.7:/A7"4 -==7@7"/- "-007."123">--.3621/7L"1:"1, ,.-, .61/7L"1:".71:-21B="1916=1B=7L"2-2D  
36:>6, =621.;d2-2D, +26/697".71:-21B=7" :/7, :"/- ", .7:7.97" -." .7:/- .7"7V+1=" 1>>7::"/- "6/:"73+>1/6-2"  
, .-@.15:"123"1>/696/67:##\*+, , -./697"571:+.7:" , -/7>/"6236963+1="0.-5"12;"\*7CDE1:73"F1.1::572/"  
-."-/A7."<.-A6B6/73"4-23+>/L"62>=+362@"-007.62@" :+, , -./697"571:+.7:"3+.62@"/A7"6297:/6@1/6-2" -."  
620-.51=" .7: -+ /6-2" , .->7::L"6..7:, 7>/697" -0" IA7/A7." /A7" 4-5 , =16212/"797." >A--:7:" /- "06=7" 1"

4

!

1@162:/ "1" :/+372/" IA-L"62"@--3"016/AL".7, -./:!" I6/27::7:"-.", -::7::7:", 7.:-21="Q2- I=73@7"-0"12"  
62>6372/"-0"\*7CDE1:73"F1.1:: 572/#"

"

**b, /EIH>DHA I?C&\IE& ) IF=JGA?G?H& .>YGE@A?Y&+>B^GJ&' CCG^JH&&**

"

?", 7.:-2":+B[7>/73"/- "\*7C+1=" ?::1+="/:A1=i"

&

- E7" ,.-96373" I6/A"1">- , ;" -0"/A7" 4-==7@7j:" -  
L" IA6>A" :A1=" 62>+37" 620-.5 1/6-2" >-2>7.262@  
>-+2:7=62@L" A71=/AL" 123" 572/1=" A71=/A" :7.96>7:L" 96>/65" 139->1>;" 123" :+, , -./" =1 I"  
720-.>7572/"1::6:/12>7L"123"-/A7.":7.96>7:"1916=1B=7"-2"123"-00">15 ,+:" "

"

- F197/A7".6@A/"- ,+.:+7L"-."2-"/ ,+.:+7L"1::6:/12>7"0.- 5">15 ,+:"135626:/1/6-2"-006>61=":  
-.">15 ,+:"=1 I"720-.>7572/f""

"

- H-/"B7"36:>-+.1@73"B;" 4-==7@7"-006>61="0.- 5".7, -./62@"12"62>6372"/- "B-/A"-2D>15 ,+:"  
123"-00D>15 ,+:"1+/A-.6/67:f"

"

- E7" ,.-96373"1::6:/12>7"62">-2/1>/62@="-->1="=1 I"720-.>7572/"60".7V+7:/73"123"A197"/A7"  
0+=="123" ,.- 5 ,/"1::6:/12>7"123">-- ,7.1/6-2"-0">15 ,+:" ,7.:-227=":A-+=3"1">696="123d-."  
>.65621=">- 5 ,=162/"B7" ,+.:+73f"

"

- E7" 0.77" 0.- 5" 12;" :+@@"7:/6-2" /A1"/ /A7;" :- 57A- I" >-2/.6B+/73" /- "-." A13" 1" :A1.73"  
.7: , -2:6B6=6/;"62"/A7"96=-72/"1>/f"

"

- N7>7697"/A7":157"=797=" -0":+ , , -./" 1/" 12;" ,.->77362@"B70-.7" 4-==7@7"-006>61=" 1":6:"  
,7.56/73" /- "/A7" 1>>+:73" ,1./;L" 62>+362@" /A7" ,.7:72>7"-0" 12" 1396:-." 3+.62@" 12;"  
36:>6, =621.;" ,.->77362@"123"/A7".6@A"/- "B7"2-/60673"62"1"/657="; 51227."-0"/A7"-+>- 57"  
-0":>A" ,.->77362@:"123"12;"1 , ,71="6@A/"1916=1B=7f"

"

- N7>7697"0+=="123" ,.- 5 ,/">-- ,7.1/6-2"0.- 5" 4-==7@7", 7.:-227="62"-B/16262@"123":7>+.62@"  
796372>7" a62>+362@" 5736>1=" 796372>7c" 27>7::1.;" 0-." 12;" , -/72/61=" >.65621=",  
,.->77362@:f"

"

- F197"1>>7::"/- "7C6:/62@"4-==7@7">-+2:7=62@"123" 5736>1=" ,.-07::6-21=:L"96>/65":+ , , -./"  
:7.96>7:L" 123" /- "-B/162".707..1=" /- "-00D>15 ,+:">-+2:7=62@" 123" :+, , -./" :7.96>7:" 60"  
37:6.73f"

"

- E7" ,7.56/73" /- "1/723">=1::7:L" I-.Q"123" ,1./6>6, 1/7"62" 4-==7@7"1>/696/67:"0.77"0.- 5"  
+2I12/73">-2/1>/"-." ,.-C656/;" /- "/A7"N7: , -2372/"62:-01."1:"/A7"4-==7@7"6:" ,7.56/73"  
123"1B=7f"

"

- E7" ,7.56/73" /- ".7V+7:">A12@7:" /- "12"1>13756>":>A73+=7"60":>A">A12@7:"1.7".7V+7:/73"  
B;" /A7"1=7@73"96>/65"123"1.7".71:-21B=";1916=1B=7f"123"

"

!

- E7"620-. 5 73"-0"12;"2-D>-2/1>/"-. "2-D/.7: ,1::"- .37.: "6::+73"/-"/A7"N7: , -2372/"B;"/A7" 4 -==7@7" 123" /A7" 4 -==7@7j:" >- 5 5 6/572/" /-" A-2- ." 12;" >-+./D6::+73" .7:/ .16262@" -." ,.-/7>/697"- .37.:!"/-"/A7"7C/72/" ,7. 5 6/73"B;"=1 I#""

&

J,D

!(

!

)>?HEGJ& 2 GCCGD[^C>HHC&

N1,7"4.6:6:"472/7."-0"472/.1="X1::#L" P -.>7:/7.L"(KKD(YKD\$&K\$"F -/=627L"((D((YDY ' JK"^^ 1 "

N1,7"4.6:6:"472/7."-0"472/.1="X1::#L" X6-0-.3L"(KKD\$ ' 'D\$KYK"F -/=627L"\$K(DOY(DO!K\$"^^ 1 &

&

9E>GH>E&#I CHI?&"E>G"

E-:/-2"?.71"N1,7"4.6:6:"472/7.L"415B.63@7L"'D(KKD(O'D(JY'0.24125 89.92F

!&"



!

N71: -21B=7"1>>- 5 5 -31/6-2:"62"75 ,=-; 5 72/" 5 1; "62>=+37L"B+/"1.7"2-/"=6 5 6/73"/-i"

"

- X1Q62@"7C6:/62@"01>6=6/67:"+:73"B;"7 5 ,=- ;77:".7136=-;"1>>7::6B=7"/-"123"+:1B=7"B;" ,7.: -2:" I 6/A"36:1B6=6/67:f"
- Z-B".7:/.+>/+.62@f"
- X-3606>1/6-2"-0" I -.Q":>A73+=7:f"
- <.-96362@"1336/6-21="+2,163="7197f"
- ?>V+6.62@"-." 5 -360;62@"7V+6, 5 72/"-."3796>7:f"123"
- <.-96362@"V+1=60673".7137.: "-."62/7.,.7/7.:#"

"

^A7" 4- 5 5 +26/;" 4 -=7@7:" 1.7" 2-/" .7V+6.73" /-" =- I 7." ,7.0-.5 12>7" :/1231.3:" /-" 5 1Q7" 12" 1>>- 5 5 -31/6-2"123"1.7"2-/"-B=@1/73"/-,".-9637",7.: -21="+:7"6/7 5 :L":+>A"1:"7;7@=1::7:"-."A71.62@" 163:#"

"

N71: -21B=7"1>>- 5 5 -31/6-2:"62"73+>1/6-2" 5 1; "62>=+37L"B+/"1.7"2-/"=6 5 6/73"/-i"

"

- )2D>=1::"163:L":+>A"1:"2-/7"/1Q7.:f"
- UC/72373"%6 5 7"0-."7C1 5 621/6-2f"
- m

!

\, /EID>CC\IE& .>c^>CHA?Y&G& .>GCI?GZJ>&"DDIFFI@GHAI?&

&

?2"75 ,=-;77" -."[-B"1 , ,=6>12/" :77Q62@"1".71: -21B=7"1>>- 5 5 -31/6-2"0-."1"36:1B6=6/;" 5 1;">-2/1>/"  
/A7"4 -=7@7j:"W006>7"0-."F+ 5 12"N7: -+.>7:#" ?":/+372/" -."/ :/+372/"1 , ,=6>12/" :77Q62@"1".71: -21B=7"

J!"







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^A7"6 5 , = 7 5 7 2 / 1 / 6 - 2 " - 0 " 1 2 " 7 0 0 7 > / 6 9 7 " 1 0 0 6 . 5 1 / 6 9 7 " 1 > / 6 - 2 " , - = 6 > ; " 6 : " + = / 6 5 1 / 7 = ; " / A 7 " . 7 : , - 2 : 6 B 6 = 6 / ; " - 0 "

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(,k "(0.2"!0-%k")!0'\*k'(0)%.&"\*7k!0!\$%k08k)''.70\*''!'.&

"

\*77"b870626/6-2e"\*7>/6-2"-0"/A6:"<-=6>;"0-."?006.51/697"?>/6-2"W006>7."123"^6/=7")g"4--.3621/-.">-2/1>/"620-.51/6-2#"

k

G, "\\AEFGHA\_>k''DHA I?k'\\AD>E&

^A7"?006.51/697"?>/6-2"W006>7.&ab??Wec&:A1="A197"/A7"/1:Q"-0"620+:62@"1006.51/697"1>/6-2"62/-"1="1:;,7>/:"-0"/A7"4-==7@7#"^A7;":A1="B7".7:,-2:6B=7"0-."/A7"3797=-,572/L"135626:/1/6-2"123"791=+1/6-2"-0"1006.51/697"1>/6-2",-=6>67:L",.->73+.7:L",.-@.15:"123"@-1=:f":7.97"1:"5-26/-."-0"

!

- H-/60;"/A7"4 -==7@7"-0"12"62>6372/"A1/" 5 1; ".16:7", -/72/61=">-2>7.2:".7=1/73"/- "\*7CDE1:73" F1.1:: 5 72/f"
- <.-9637"620-. 5 1/6-2"1B- +/"1916=1B=7".7: -+.>7:f"123""
- <7.6-36>1=;"791=+1/7"123".7967 I"/A7"4 -==7@7j:" , -=6>67:"123" ,.->73+.7:".7=1/73"/- "\*7CD E1:73" F1.1:: 5 72/#"

"



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9,88 70++% 20\*''!0' \*8' (8/ ' \$0) 18  
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^A7"4-55+26/;"4-==7@7:"1.7">-556//73"/-"1",-=&6>;"-0&7V+1="- , , - ./+26/;"123&1006.51/697"1>/6-2#"  
^A7",+ , - :7"-0"/A6:"<-&6>;"6:"/"7:/1B=6:A",.-@.1551/6>-B[7>/697:"A1/"I6=" ,.-9637"0-."/A7"1>>7::"  
123"13912>7572/"-0"V+1=60673"562-.6/67:L"I-572L"123",7.: -2:"I6/A"36:1B6=6/67:"I6/A".7: ,7>//"B-/A"



!

<.-@.15"@-1=: 62>=+37":,7>61="700-./:"/"-.75 -97"B1..67.:l"/-"65 ,.-97"1 I 1.727::"-.:72:6/696/;L"/-"  
133.7::" ,.-B=75 "1.71:"6372/60673" I6/A62"/A7" 4-==7@7" ?006.5 1/697" ?>/6-2"<--6>;L"/-"B.62@" 1B-+/"  
>-236/6-2:"/A1/" I6==",.-5 -/7"/A7" A6.62@" @-1=:L" -." /-" 133.7::">A12@7:"/1Q62@" ,=1>7" I6/A62"/A7"  
62:/6/+/6-2#"

!

- /EIYEGF&I\& /EI\>CCAI?GJ&%?EAD[ F>?H&\IE& />ECI??>J&I\& ""\AEFGHA\_>& "DHAI?& ' \AD>C&

&

^A7" ?006.5 1/697" ?>/6-2" W006>7.: " I 6==" 5 77/" .7@+=1.;" 123" [-62/=;" ,1./6>6,1/7" 62" I -.Q:A- ,:L" :75 621.: "123" -/A7."Q623:"-0"72.6>A 5 72/" - , - ./+26/67:"/A1" I 6=="1::6:"/A75 "62"/A7" ,7.0- .5 12>7" -0"/A76."3+/67:#)2: -01."1:" , -:6B=7L.7=612>7" I 6=="B7" ,=1>73"-2"/A7"7C,7./6:7"-0" ,7.: -2:" I 6/A62"/A7" ,+B=6>"A6@A7."73+>1/6-2": ; /75L=->1=L":/1/7"123"0737.1="1@72>67:L"123" , .-07::6-21="-.@126S1/6-2:" 123"1::->61/6-2:"62"- .37."/-"Q77,">- :/:"/"1" 5 6265 +5#

&

- %@^DGHAI?GJ&+>FA?GEC&&

&

^A7" ?006.5 1/697" ?>/6-2" W006>7.:L" >-=7>/697="; - ." 6236963+1=";L" 5 1;" 3797=- , " :75 621.: " /- " :/.72@/A72" /A7" +237.:/12362@ " 123" :72:6/696/;" -0" 1=" 75 ,=- ;77:L" 123" 62" ,1./6>+=1." :726-." 135 626:/1/-.: "123":+,7.96:62@ "5 121@7.:L"/- /A7"65 , - ./12>7"-0"/A76."7: ,7>/697".-=: "62"0-:/7.62@ " 1" I -.Q,=1>7"0.77"-0"36:>.65 621/6-2L" A1.1:: 5 72/" 123" .7/1=61/6-2#" ?=" 5 75 B7.: "-0"/A7" 4 -=:7@7" >- 5 5 +26/;" :A1="B7"72>-+.1@73"/- "1//723":+>A" ,.-@.15 :#

"

[, 0?@A\_A@^GJ& ) GF=^C&%\IEHC&

"

\* ,7>606> ,.-@.15 5 1/6> "700- ./:" 37/7. 5 6273" B;" /A7" 6236963+1=" 4 -=:7@7:" 5 1;" /1Q7" 12;" -0" :797.1=" 0-.5 :i" ,.-[7>:L" ,.-@.15 :L" 3706273" :/1/7@67:L" :/+.>+/.73" 1>/696/67:" - ." -/A7." /1>/6>1=" :/7, :"/A1/" >-2/.6B+/7" /- " 0+=06=" 5 72/" -0" /A7" 4 -=:7@7:" 1006.5 1/697" 1>/6-2" 123" 7V+1=" - , - ./+26/;" @-1=" 123" -B[7>/697:#""U1>A" 4 -=:7@7" 5 1 ;&3797=- , : ,7>606> ,.-@.15 :/ "-1::6:"/62"6372/60;62@ "123" -97.>- 5 62@ " 3706>672>67:L"62>.71:62@ ".7, .7:72/1/6-2"-0"V+1=60673&6236963+1="62" ,.-/7>/73">=1::606>1/6-2:" I 6/A62" /A7" I -.Q"0->7"123"/A7":/+372/"B-3;"123" ,.-96362@ "62>.71:73"- , - ./+26/67:"0-."+237.D.7, .7:72/73" @.-+, :L" B-/A" 62" /A7" 1.71" -0" 75 ,=- ; 5 72/" 123" 62" /A7" 1.71" -0" /A7" :/+372/" =71.262@ " 7296.-2 5 72/#"" 4.-.:D>+>+.1=" ,.-@.15 5 62@L":72:6/6S1/6-2"-0"1=" 5 75 B7.: "-0"/A7" 4 -=:7@7">- 5 5 +26/67:" /- /A7".6@A/:" 123"2773:"-0"1=" ,7.: -2:L"62>=+362@ "6236963+1="62" ,.-/7>/73">=1::606>1/6-2:" I 6=" ,=1;" 1" 5 1[- ." ,1./#" ^A7" 629-=:97 5 72/" -0" 1=" :7@ 5 72/:" -0" /A7" 4 -=:7@7" >- 5 5 +26/;" 62" B-/A" /A7" ,=12262@ " 123" /A7" 65 ,=7 5 72/1/6-2"-0":+>A" ,.-@.15 5 62@ " I 6="B7"12"7::72/61="01>/-."62"6/:" :+>>7::#

!

**0, & : 0.0\* 9&9 507%\$0\*%+&**

&

<. - , 7." A6.62@" @+637=627:" 1.7">. +>61="/- "/A7" :+>>7: ":" -0" 1//.1>/62@" 123" A6.62@" 1" V+1=60673L" 3697.:7" I -.Q0-.>7#" ^A7" F+ 5 12"N7: -+.>7:" W006>7" :A1==" I -.Q"62">-2: +="/1/6-2" I 6/A"/A7" ?006. 5 1/697" ?>/6-2" W006>7."62"3797=-, 62@" ,. - , 7."A6.62@"@+637=627:#" ^A7"A6.62@" ,. ->7: ":"6:"@727.1="; "626/61/73" I 6/A"/A7" 3797=-, 5 72/" -0" 1".7>.+6/ 5 72/" ,=12L" I A6>A" :A1=="B7" .7967 I 73"B ;"/A7" ?006. 5 1/697" ?>/6-2" W006>7." B70-.7">- 5 5 72>62@" I 6/A" 1397./6:7 5 72/#" ^A7" ,=12" I 6==" B7" .7967 I 73" 62" =6@A/" -0"/A7" 4 -=7@7j:" 1006. 5 1/697"1>/6-2"@ -1="123" I 6=="62">+37"/A7"+:7"-0"1 , ,=6>1B=7" 5 16=62@"=6:/:"-0">-2/1>/: "123".7:+ 5 7" 06=7L"60"12;L"

!

;k ) '\$\$%9%k'((0.2"!0-%k')!0'\*k)'220!%!%k

k

?2"?006.51/697"?>/6-2"4-556/77":A1="B7"7:/1B=6:A73">-2:6:/62@"-0"1/"=71:/" :7972"aYc"575B7.: ".7,.7:72/1/697"-0"01>+="/;L"135626:/1/-.:L"2-2D/71>A62@",.-07:6-21=:L">=1::60673"/100"123"/+372/# ^A7"4-556/77":A1="62>=+37",.-/7>/73">=1::606>1/6-2".7,.7:72/1/6-2#"^A7"575B7.:":A1="B7" 1,,-62/73"B;/A7"<.7:6372/#^A7"?006.51/697"?>/6-2"W006>7.":A1="B7"12"7CD-006>6-"575B7."-0"/A7 4-556/77#k

"

^A7"4-556/77":A1="1>"1:"1",-=>:"1396:-.;"B-3;"/-"/A7"<.7:6372/"62"1="51//7.: ">-2>7.262@ 1006.51/697"1>/6-2L"7V+1="- , , -./+26/;L"123"3697.:6/;"#"\* ,7>606>".7:,-2:6B6=6/67:"-0"/A7"4-556/77" 51;"62>=+37L"B+/"1.7"2-/"=656/73"/-L"/A7"0=- I62@i"

"

1# ?396:7"123"1::6:/" /A7"<.7:6372/"123"/A7"?006.51/697"?>/6-2"W006>7."62"3797=-,62@L 65,=7572/62@"123"791=+1/62@/A7"4-==7@7\_:"?006.51/697"?>/6-2"<.-@.15f"

"

B# N7>-55723">A12@7:"62"/A7",.-@.15:"-.",-=>67:f"

"

># N7,.7:72/" /A7">-2>7.2:"-0"1="75,=-;572/"1.71:"-0"/A7"4-==7@7"1:"/A7:7">-2>7.2:".7=1/7" /- "7V+1="- , , -./+26/;f"

"

3# E7"620-.573"1B-+/" /A7".+=7:"123",.->73+.7:"-0"/A7"4-==7@7"1:"I7=="1:"0737.1="123":/1/7 =1I:"123".7@+=1/6-2:"@-97.262@"1006.51/697"1>/6-2"123"7V+1="- , , -./+26/;f"

"

7# X77/"1:"27>7::1.;L"B+/"2-/"07I7."/A12"/I-"a!c"/657:"1";71.f"123"

"

0# F7=," :72:6/6S7"123"73+>1/7"/A7"4-==7@7">-55+26/;" .7@1.362@/A7"1006.51/697"1>/6-2" 6::+7:"01>62@"A6@A7."73+>1/6-2"123"/A7=1.@7.:"->67/;"123"/- "A7=,"B.-1372"+237.:/12362@ -0"3697.:6/;"62"-+." :->67/;"1:"I7=="1:"/-"72>+.1@7"B7A196-.:1,,.-.,.61/7/"-1",=+.1=6:/6"> :->67/;#"

"

!

<,k "570!0\*9k"\*7k.%/' .!0\*9k

k

^A7" ?006.5 1/697" ?>/6-2"W006>7.":A1=="B7" ,.6 5 1.6=" ;".7: , -2:6B6=6/;"0- ." 5 -26/- .62@">- 5 ,=612>7" 123" 1+36/62@"/A7"6 5 ,=7 5 72/1/6-2"-0"/A7"<-6>;"-2" ?006.5 1/697" ?>/6-2L"UV+1="W , , -./+26/;"123"8697.:6/;#" ^A7" ?006.5 1/697" ?>/6-2"W006>7.":A1="0+.26:A"/A7"<.7:6372/" I6/A" ,.-@.7:":".7 , -./:"123":A1="620-. 5 " /A7"<.7:6372/"-0" ,.1>/6>7:"- ." , -6>67:"/A1/" 5 1;"2-/"B7"62">- 5 ,=612>7" I 6/A"/A7"<-6>;#" "

^A7" ?006.5 1/697" ?>/6-2"W006>7." I 6=="122+1=" ;".7967 I "/A7" ,.-@.7:":"B762@" 5 137"/- I 1.3"1>A6797 5 72/" -0"/A7" 4 -==7@7\_:" 1006.5 1/697" 1>/6-2"@-1=":#" ^A7" .7967 I " :A1="62">+37" :/.1/7@67:"" 123"/6 5 7/1B="7:"0- ." 1>A67962@" 6/:" 1006.5 1/697" 1>/6-2"@-1=":L" 1916=1B6=6/;" 06@+.7:L" 62:/6/+6-21=" ,7.0-. 5 12>7" -." -/A7." >6.>+ 5 :/12>7:"/A1/" 1007>"/A7"6 5 ,=7 5 72/1/6-2"-0"/A6:"<-6>;j:"@-1=":#)2" 1336/6-2L"/A7;" I 6="1: :+.7" /A1/" 122+1=">- 5 ,=612>7" .7 , -./:" .7V+6.73"B;" /A7" E-1.3"-0" F6@A7." U3+>1/6-2" 123" -/A7.":/1/7" 123" 0737.1="1@72>67:"1.7">- 5 ,=7/73#" "

^ -"72:+.7">- 5 ,=612>7" I 6/A"/A6:"<-6>;L"/A7" ?006.5 1/697" ?>/6-2"W006>7." I 6=" .7967 I "123"791=+1/7" /A7"1 , ,=6>1B=7" , -6>67:L" ,.-@.1 5 : "123"1>/696/67:" .7=1/73"/-["-B" .7V+6.7 5 72/:L" ,7.0-. 5 12>7">.6/7.61L" ,7.: -227=" B72706/" ,=12:L" :/+372/:" :+ , , -./" :7.96>7:L" 01>6=6/67:" 123" ,.-@.1 5 5 1/6>" 1>>7:"L" 9723-." >-2/.1>/" :+B 5 6: :6-2" 123":7.96>7:L" 5 7361" 1397./6:62@" 123" ,+B=6>" .7=1/6-2:" 5 1/7.61=:L" 62">+362@" 1=" 4 -==7@7" ,+B=6>1/6-2:#" "N7>.+6/ 5 72/" 123" A6.62@" ,.->73+.7:" I 6="B7" 5 -26/- .73"+:62@" /A7" 5 7/A-3:" 37:>.6B73"62"/A6:"<-6>;#" ?=" 5 -26/- .62@" 123"121=" ;:7:" I 6="B7">-23+>/73"1:"27>7: :1. ;"/- "6372/60;" ,.-B=7 5 "1.71:"123" ,.-9637".7>- 5 5 7231/6-2:"/- .7 5 73;" /A7 5 #" "

^A7" ?006.5 1/697" ?>/6-2"W006>7.":A1=">-23+>/" ,7.6-36>"1+36/:"-0"/A7"+/6=6S1/6-2"121=" ;:6:"123"@-1=":#" ^A7" ,+ , - :7"-0"/A7"1+36/" I 6="B7"/- "1: :7: : " ,.-@.7: :"/- I 1.3"7:/1B=6:A73"@-1=":"123"/- "1 , ,.6:7" -/A7." ,7.: -2:" .7: , -2:6B=7"0- ." .7>.+6/ 5 72/" -0"/A7"062362@:#" 4 -2/62+--:" 5 -26/- .62@"6:"6 5 , -./12"/-"/A7" :+>>7: : "-0"/A7"<-6>;#" ^A7"062362@:L" I A6=7"+/6=6S73"/A. -+@A-+/" /A7" ;71.L" I 6="B7".7 , -./73"0-. 5 1=" ;" 62" /A7" 122+1=" .7 , -./#<.-B=7 5 "1.71:" 123" :+>>7: :7: " I 6="B7".7 , -./73#" " ? 336/6-21=" ;L">- 5 ,=612>7" .7 , -./:" .7V+7:/73"B;" -/A7." 1@72>67:":A- +="3"B7"62">+373"1:"12"62/7.21="1+36/" 5 7>A126: 5 #" "



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"

4-23+>"/A1/"->>+.:>237."/A7"4-==7@7j:"73+>1/6-2",.-@.15"-."1>/696/;"62>=+37:"B+/"6:"2-/"=656/73"  
 /-=">1/6-2:L"7972/L"-.">6.>+5:/12>7:"-97."IA6>A"/A7"4-==7@7A1:":+B:/12/61=">-2/.-="123"0-."  
 IA6>A":>A">-23+>/"6:"+B[7>"/-"/A7"4-==7@7j:"36:>6,=621.;"1+/A-.6/;"#^A6:"1=-"62>=+37:">-23+>/"  
 /A1/"1Q7:"=1>7"961":>A--D-,7.1/73"7=7>/.-26>"3796>7:L">-5,+7."123"62/7.27/"27/I-.Q:"123"  
 36@6/1="=1/0-.5:"-.,7.1/73"B;L"-."+:73"62"/A7"-.,7.1/6-2:"-0"/A7"4-==7@7L"62>=+362@")"/7>A2--@67:f"  
 123">-23+>"/A1/"->>+.:>3+.62@"/.16262@",.-@.15"::,-2:-.73"B;"1">-==7@7"1"/12-/A7."=->1/6-2#"

"

)0"\*7CDE1:73"F1.1.:572/"6:"1==7@73"/- "A197"->>+..73"-+/:637"/A7"4-==7@7j:"73+>1/6-2",.-@.15"-."  
 1>/696/;"62"/A7"R26/73"\*1/7:L"B+/"A1:">.71/73"1"A-:/6=7"7296.-2572"/A1/"65,1>:"/A7"4-==7@7j:"  
 ,.-@.15:L"1>/696/67:"-.">-55+26/;"62"/A7"R26/73"\*1/7:L"/A1/">-23+>/"I6="B7":+B[7>"/-"  
 6297:/6@1/6-2#"

"

>, +^==IEHA\_># 2 >GC^E>C#

"

^A6:"<-=>";.7V+6.7:"/A7"4-==7@7"/-"/1Q7"2-2D36:>6,=621.;d2-2D,+26/697".71:-21B=7"/7,:"/-",.7:7.97"  
 -."7:/-.7"7V+1="1>>7:":/-"6/:"73+>1/6-2",.-@.15:"123"1>/696/67:"123",.-/7>"6236963+1="0.-5"  
 <.-A6B6/73"4-23+>/"62>=+362@"-007.62@":+,,-./697"571:+.7:"/-"1"4-5,=16212/"B70-.7"/A7"0621="<br>
 -+>/-57"-0"12"6297:/6@1/6-2L"6..7:;7>/697"-0"IA7/A7.">-5,=162"/,.->7:":7:"1.7"626/61/73#"\*+,,-./697"  
 571:+.7:"I6="B7"-007.73"/- "1" N7:,-2372/L"1:"1,,-.,61/7L"60">-5,=162"/,.->7:":7:"A197" B772"  
 626/61/73"-."12"620-.51="7:=-+6-2",.->7:":A1:"B772"-007.73#

"

\*+,,-./697"571:+.7:"1.7"37:6@273"/-".7:/-.7"-.",.7:7.97"7V+1="1>>7:":/-"/A7"4-==7@7j:"73+>1/6-2"  
 ,.-@.15"-."1>/696/;"I6/A-+/"2.71:-21B=";B+.37262@"/A7"-/A7.",1./;L"62>=+362@"571:+.7:"37:6@273"  
 /-,".-/7>"/A7":107/;"-0"1="1./67:"-"/A7"4-==7@7j:"73+>1/6-21="7296.-2572/L",.-9637":+,,.-."3+.62@"  
 /A7"4-==7@7j:">-5,=162"/,.->7:":-.3+.62@"/A7"620-.51="7:=-+6-2",.->7:":L"-."37/7."1="0-.5:"-0"  
 <.-A6B6/73"4-23+>/"#^A7"4-==7@7:A1="/1Q7"/A7:7"/7,:"-5,/=;"-2>7"6/A1:"2-/6>7"-0"12"1=7@1/6-2"  
 -0"<.-A6B6/73"4-23+>/#"

"

UC15,=7:"-0":+,,-./697"571:+.7:"62>=+37L"B+/"1.7"2-/"=656/73"/-L"/A7"0-=-I62@i#

"

- 4-+2:7=62@f#
- UC/72:6-2:"-0"3713=627:"-"/A7.">-+.:7D.7=1/73"13[+:/572/:"a0-."7C15,=7i">A12@62@">=1:":>A73+=7L"IA6/A3.1I1="I6/A-+/",721=;/;L",.-96362@":/+372"/:7.96>7:":>A"1:"/+/-.62@L"1=/7.21/7">=1:":>-5,=7/6-2"-./6-2:cf#
- X-3606>1/6-2:"-0"IA7:":>A73+=7:"-."[-B"1:":6@2572/:"f#
- 415,+:":7:>-."/":7.96>7:f#
- )2>.71:73":7>+.6/;"123"5-26/-.62@"-0">7./162"1.71:"-0"/A7">15,+:f#
- N7:/6>/6-2:"-2">-2/1>"1,=673"/- "-27"-."5-.7",1./67:f#
- 4A12@7:"62">=1:":L"7C/.1>+..6>+1.L"-."12;"/-A7."1>/696/;L".7@1.3=7:":-0"IA7/A7."/A7.7"6:"-."6:"2-/"1">-5,1.1B=7"1=/7.21/697f#
- `7197:"-0"1B:72>7f#
- ^.16262@"123"73+>1/6-2",.-@.15":.7=1/73"/- "\*7CDE1:73"F1.1.:572/f"123#
- W/A7."656-1."571:+.7:##

"

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^A7":,7>606>":+, , -./697" 571:+.7:"65 ,=7 572/73"123"/A7" ,.->7:":0-."65 ,=7 572/62@"/A-:7" 571:+.7:"  
I6=="91.;"37,72362@"-2"/A7"01>/:"-0"71>A">1:7#"^A7"4 -==7@7" I6==">-2:637."1"2+5B7."-0"01>/-.: "62"  
37/7.56262@" IA1/" :+, , -./697" 571:+.7:" /-" /1Q7L" 62>=+362@L" 0-." 7C15 ,=7L" /A7" : ,7>606>" 2773:"  
7C, .7: :73"B;"71>A",1./;f"/A7":797.6/; "-.",7.91:69727:": "-0"/A7"1=7@1/6-2:f"12; ">-2/62+62@"7007>/: "-2"  
71>A",1./;f" IA7/A7."/A7",1./67:":A1.7"/A7":157">=1::7:L":>A73+=7:



!

)g"4--.3621/-."5 1;"1, ,71="/A7"37>6:6-2",7."/A7"? , ,71=" ,.->73+.7"B7=- I "62"\*/7, "J"-0/A7"4 - 5 ,=162/"  
<.->7::#""  
"

^A7"4 -==7@7":A1="5 1Q7".71: -21B=7"700-./:/- "5 626 5 6S7"36: .+, /6-2"62"/A7", .-07::6-21="- ."73+>1/6-21=" 7C, 7.672>7"-0"1="1007>/73", 1./67:#"^A7"4 -==7@7L"4 - 5 ,=16212/L"123"N7: , -2372/" I 6="/1Q7".71: -21B=7" 700-./:/- , .7:7.97"1=" .7=7912/" 5 1/7.61=":/- "1">- 5 ,=162/L"62>=+362@">- 5 5 +26>1/6-2:"a7#@#"7 5 16-"123" 9-6>7c"123"3->+ 5 72:/#""  
""

Y, ;IA?H&0?\_>CHAYGHAI?&&

)2": - 5 7">6.>+ 5 :/12>7:"1"N7: , -2362@"<1./;j:">-23+>/" 5 1;">-2:/6/+7"1" , -/72/61="96=-1/6-2"-0"/A6:" <=-6>;"123d-."-/A7.">-23+>/" , -=6>67:"1 , ,=6>1B=7"/-"75 ,=- ;77:"- .:/+372/:#"")2":+>A">1:7:L"62"- .37." /- "19-63"3+ , =6>1/697"6297:/6@1/- . ;"700- ./:L"1["-62/"6297:/6@1/6-2"+237."/A6:"<=-6>;" 5 1;"B7">-23+>/73" B;"/A7" ? ? W"- .L"62"/A7">1:7"-0"12"1=7@73"\*7CDE1:73" F1.1:: 5 72/L"/A7"^6/=7")g"4--.3621/- .L"123"/A7" 13 5 626:/1/- .">A1.@73" I 6/A"720- .>62@">-23+>/" , -=6>67:#" ] - ."7C1 5 , =7L"60"/A7"N7: , -2362@"<1./; "6:"1" :/+372/L"/A7" ?006. 5 1/697" ?>/6-2" W006>7." a-." ^6/=7")g"4--.3621/- ." 60" \*7CDE1:73" F1.1:: 5 72/" 6:" 1=7@73c"123"\*/+372/"4 -37"-0"4 -23+>/" ? 3 5 626:/1/- ." 5 1;"[-62/=; "6297:/6@1/7"/A7">- 5 ,=162/#""E1:73" -2"/A7"062362@:" -0"/A76."[-62/"6297:/6@1/6-2L"/A7":/+372/" 5 1;"B7":+B[7>"/- "36:>6, =621. ;" 1>/6-2"0-."

!

2-/">-23-27":+>A"B7A196-.L"6/",=1>7:"1",.6-.6/;"-2"133.7::62@"1=7@1/6-2:"-0"\*7CDE1:73"F1.1::572/#  
?>>-.362@=;L"/A7"4-==7@7"51;"7=7>/"2-"/-","+.:+7"36:>6,=627"1@162:/"1":/+372/"IA-L"62"@--3"016/AL"

\$K"

!

.6@A/# E70-.7"/A7" 626/61/6-2" -0"/A7" 620-.5 1=" .7: -+/-2" ,.->7::L"/A7" 4-==7@7" 5 +:/ ,.-9637"/-"/A7"  
,1./67:"2-/6>7"/A1/"7C,=162:i" a' c"/A7" 1=7@1/6-2:f" a!c"/A7" .7V+6.75 72/:" -0"/A7" 620-.5 1=" .7: -+/-2"  
,.->7::f" aJc"/A1/L" ,.6-./- "1@.7762@"/- "1" .7: -+/-2L" 12;" ,1./;" A1:"/A7" .6@A"/- " I6/A3.1 I" 0.- 5"/A7"  
620-.5 1=" .7: -+/-2" ,.->7::" 123"/- "626/61/7" -." .7:+ 5 7"/A7" 4-==7@7j:">- 5 ,=162/" ,.->7::7:f" a0c"/A1/"  
/A7" ,1./67:j" 1@.775 72/" /- "1" .7: -+/-2" 1"/A7">-2>+:-2"-0"/A7" 620-.5 1=" .7: -+/-2" ,.->7::" I -+=3"  
,.7>+37" /A7" ,1./67:" 0.- 5 " 626/61/62@" -." .7:+ 5 62@" >- 5 ,=162/" ,.->7::7:" 1.6:62@" 0.- 5 " /A7" :1 5 7"  
1=7@1/6-2:f" a\$c"/A7" , -/72/61=" /7. 5 :"/A1/" 5 1;" B7" .7V+7:/73" -." -007.73" 62" 12" 620-.5 1=" .7: -+/-2"  
1@.775 72/L" 62>+362@" 2-/6>7"/A1/" 12" 620-.5 1=" .7: -+/-2" 1@.775 72/" 6:" B62362@" -2=" ;"- 2"/A7" ,1./67:f"  
123" a%c" I A1/" 620-.5 1/6-2" /A7" 4-==7@7" I 6

!

"

?/"12;" , -62/"3+.62@"/A7">- 5 ,=162/" ,.->7: :L"76/A7." ,1./;" 5 1;" .7V+7:/" 5 7361/6-2"B;">-2/1>/62@"/A7"  
?006. 5 1/697" ?>/6-2"W006>7."-."^6/=7")g"W006>7.#""^A7" ,+., - :7"-0" 5 7361/6-2"6:"/-".7: -=97"/A7"36: , +/7"  
/-"/A7" :1/6:01>/6-2" -0"B-/A" ,1./67:#")0" 5 +/+1=;" 1@.773" +, -2"B;" /A7" ,1./67:L" 5 7361/6-2" :A1=" B7"  
>-23+>/73"1:"0=- I :i"

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^A7.7" 5 1; "B7">6.>+ 5 :/12>7:" I A7.7"1">- 5 ,=162/"6:"36: 5 6: :73", .6-."/-"1"N7: , -2372/"B762@"2-/60673"  
1:"-+/-6273"62"\*7>/6-2" ` a)ca=c"-0"/A6:"<--6>;#"

^A7" ?006. 5 1/697" ?>/6-2"W006>7."-."^6/=7") g"4--.3621/-." I 6="2-/60; "/A7"N7: , -2362@"<1./; "62" I .6/62@"  
I 6/A62"0-+./772"a 'Oc"31; :"-0"/A76."37/7. 5 621/6-2"/A1"/A7">- 5 ,=162/"6:"/- "B7"6297:/6@1/73".1/A7."/A12"  
36: 5 6: :73"123", .-9637"/A7"N7: , -2362@"<1./; "I 6/A"1">- , ; "/A7.7-0"a:77" ? , ,7236C"Ec#"^A7"/6 5 7=627: :"  
-0":+>A"2-/606>1/6-2":A1="B7"62"1>>-.312>7" I 6/A"/A7"1 , , .- , .61/7">- =7>/697"B1.@16262@"1@.77 5 72/L"  
60"1 , , =6>1B=7#&^A7"N7: , -2362@"<1./; ":A1="A197"/72"a 'Kc"31; : "0.- 5 ".7>76,/"-0"2-/6>7"/-":+B 5 6"/-"  
/A7" ?006. 5 1/697" ?>/6-2"W006>7."-."^6/=7") g"4--.3621/-."1" I .6//72".7: , -2:7"/-"/A7">- 5 ,=162/#" ""

P A7.7" ,.1>/6>1B=7L" I 6/A62"/A6./; "aJKc" 31; : "0.- 5 "/A7" 31/7"/A7" N7: , -2372/j:" I .6//72".7: , -2:7"6:"  
.7>76973L"-."/A7"31/7"6/" I 1:"3+7"60"2-27" I 1:"+B 5 6//73L"/A7" ?006. 5 1/697" ?>/6-2"W006>7."-."^6/=7") g"  
4--.3621/-." :A1=">-23+>/"12"6297:/6@1/6-2L".7967 I "1="796372>7"@1/A7.73"/A.-+@A"/A7"6297:/6@1/6-2"  
123"37/7. 5 627" I A1"/796372>7"6:"6 5 ,7. 5 6: :6B=7".7@1.3=7: : "-0".7=7912>7L"123", .-9637"71>A", 1./; "I 6/A"  
123"1" I .6//72"37:>.6,/6-2"-0"/A7"796372>7"/A1/"6:0.2(1)08 4.75 5 -30 5 6371(N7)007B60 5 0371. 864 89(0.2(1q0.2430

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>- 5 ,=162/3/A7;" I 6="2-/"3.1 I "12;"6207.72>7:"1B-+/" I A7/A7.":7C+1="A1.1:: 5 72/"  
->>+..73"B1:73"-2"1".70+:1="/-".7: , -23"/- "V+7:/6-2:#"

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?",1./;" 5 1;" 06=7" 12" 1, , 71=" I 6/A"/A7" <.7:6372/" I 6/A62"/72" a' Kc" 31 ; : "-0".7>76962@"/A7" 37:6@21/73" 37>6:6-2" 5 1Q7.j:" 37>6:6-2#" ?",1./;" 5 1;" 1, , 71="0-."/A7"0--- I 62@".71:-2:"-2=:i""

1# <.->73+.1="6..7@+=1.6/;" /A1/" I -+=3">A12@7"/A7" -+/>- 5 7f"

B# H7 I "796372>7"/A1/" I -+=3">A12@7"/A7" -+/>- 5 7"123/A1/" I 1:"2-/" .71:-21B-;" 1916=1B=7"

I A72"/A7"37/7. 5 621/6-2"-0" I A7/A7." 1"96=-1/6-2"->>+..73"-."36: 5 6: :1=" I 1:" 5 137f"

123d-."

># ^A7"^6/=7")g"4--.3621/-."6297:/6@1/-."-."37>6:6-2" 5 1Q7."A13"1">-20=6>/"-0"62/7.7:/"-."

B61:"0-."-."1@162:/">- 5 ,=16212/:"-."7: , -2372/:"@727.1=;"-."/A7"6236963+1="

4- 5 ,=16212/"-."N7: , -2372"/A1/" I -+=3">A12@7"/A7" -+/>- 5 7# " "

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P A7.7" , .1>/6>1B=7L" I 6/A62"/72"a' Kc"31 ; : "-0".7>76962@"/A7"1, , 71=L"/A7" <.7:6372/" :A1="6: :+7"1" I .6//72" 37>6:6-2" 1>>7,/62@L" .7[7>/62@" -." 5 -360;62@"/A7" 37:6@21/73" 37>6:6-2" 5 1Q7.j:" 37>6:6-2#" " ^A7" <.7:6372/j:" 37>6:6-2" 6:" 0621=" , .-96373"/A1/" 12;" >-..7>/697" 1>/6-2" 123d-." 36:>6, =627" 6 5 , -:73" 1.7" :+B[7>/"- "1, , =6>1B=7">--=7>/697"B1.@16262@"1@.77 5 72/:#

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U# H1 5 7" -0"6236963+1=a:c"; -+"B7=6797"36:>.65 621/73"1@162:/" ; -+i""

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^A6:"6: "/- "2- /60; " ; -+ "/A1/" -2"qqqqqqqqqqqqqqqq"1">- 5 , =162/"1=7@62@"1"96- =1/6-2" -0"/A7"4 - =7@7j:"  
<- =6> ; " -2" ?006. 5 1/697" ?>/6-2"a< ? ? c"