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- %&' ()\* +&(,"L/A"0/>?829"F69F>42"?80?">="?80?"1 22?3/: "N04"?>"G>/D2. "?82"3/?2/?3>/"?>"
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- BK&\*K,"B>"?834"N04"4>1 2?83/: "?82. "3/8293?2A;"K82" 1 344372"A2=2/42"F9>: 90 1 "N04"

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A2=2/42"G>67A"H2"A392G?2A"0: 03/4?" (64430"3?427=;"L/A"59243A2/?"%648"A3A"G> 1 2"3/?>"

>=3G2"0/A"0FF>3/?2A"F2>F72"73J2"f>8/"%>7?>/"0/A">?8294"N8>"N292"D29. "1 6G8"

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%&' ()\* + & (,"L/A"8>N"N>67AW""

- )E&B,"B>99. "5067MG0/"N2"064?"J22F": >3/: "N3?8"?834"D29H07"2097. "?69H672/G2"?821 2M3="N2"

  1 0. `"V 2Ф2"80A"Ph!!MN2Ф2"80A"L%- ;"V 80?"0H>6?"?82">?829"H3: "2F34>A2"3/"?82"

  2097. "%648". 2094M0/A"?80?∢"?82")90b"V 09` "@0/". >6": 3D2"64"0"42/42">="8>N"3?"4221 2A"

  ?>". >6"?80?"?82" (64430/"720A29483F"920G?2A"?>"SQQ,!d,QQTM6/A294?>>A"?8>42"2097. #

  \$QQ["A2G343>/4"3/"F09?3G6709`"
- BK&\* K,"B>"/>N"N2"G>1 2"?>"?82"H2: 3//3/: ">="?82"73?0/. ">="G>1 F703/?4"?80?"N2\D2"8209A"

  =9>1 "56?3/"0/A" (64430"43/G2"\$QQ\$;"B>"N2"48>67A"074>M'H. "?82"N0. M'40. "?80?"0=?29"?82"

  N3?8A90N07"=9>1 "?82"L\%- "?920?. M'59243A2/?"\%648"0/A"59243A2/?"56?3/"A3A"43: /"?82"



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: 3D2/"H932=3/: 4"3/"A3==292/?"F09?4">="?82"C;B;": >D29/12/?M"H6?"2D2/"=9>1"?82"

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2G>/>13G"4?0J2"3/")90b"0/A"/>?">/"?82"42G693?. "4?0J2;"\9>1"?82"(64430/"F>3/?">="

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- =0G?"?80?"?82" (64430"92077. "80A/<?"H22/"G>/467?2A">/"?834"\$?82"A2G343>/"?>"3/D0A2" )90bT;")?"80A"064?"H22/"3/=>912A;"
- %&' ()\*+&(,"L/A"04".>6"064?"12/?3>/2AM?82"G>7>9"92D>76?3>/4"G>13/: "93: 8?">/"?82"82274"

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- BK&\* K,"R/2">="?82"2442/?307"F92 1 3424">=" (64430/"=>923: /"F>73G. "6/A29"56?3/W/>?">/7. "
  6/A29"56?3/M"H6?"F09?3G67097. "/>N"6/A29"56?3/W34"?80?" (64430"A>24"80D2"0"93: 8?"?>"
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  F293 1 2?29"34"A2=3/2A"/>?"04"?82"H>9A294">="?82" (64430/"\2A290?3>/"H6?"04"?82"
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\* >NMN82/"3?"G012"?>"Z.9:.X4?0/M?8292"N292"4>12"A3=292/?"344624"?8292"
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- %&' ()\*+&(,"L/A"3=")<1 "/>?"1 34?0J2/"09>6/A"\$QQaW.>6"G0/"?277"64" 1 >92"4F2G3=3G077. W .>6"1 >D2A"=9>1 "B?0?2"5>73G. "570//3/: "?>"?82"\*0?3>/07")/?2773: 2/G2"@>6/G37`")4"?80?" G>992G?`"
- BK&\*K,"B>")"N04"H0GJ"0?"+2>9: 2?>N/;"B>")"N04"3/"SQQ,[Q,QQT"?82"\*0?3>/07")/?2773: 2/G2"

  @>6/G37"3/"\$QQ\_"0/A"\$QQaW4>"?8>42"?N>"G072/A09". 2094;"V82/")"/3. 2A"H809"\\[ 080/3

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04J`"

- %&' ()\*+&(,")"N04"064?": >3/: "?>"04J"3=". >6"G>67A"?277"64"0"73??72"H3?" 1 >92"0H>6?"?82"

  A3=292/G24"H2?N22/"N>9J3/: "3/"?82"B?0?2"I 2F09? 1 2/?"5>73G. "570//3/: M'0/A"?82"

  N>9J"0?"?82"\*0?3>/07")/?2773: 2/G2"@>6/G37M'N80?"?. F2">="N>9J". >6"N292"A>3/: "?8292"

  0/A"N80?"3?"N04"73J2"?>"N>9J"?8292"A693/: "?82"%648"0A 1 3/34?90?3>/`"
- BK&\* K,"B692;"B>"3/"?82"B?0?2"5>73G. "570//3/: M'. >6492"46FF>42A"?>"H2"A>3/: "7>/: 29#?291"

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  80D2"?>"J22F">/"?>F">="N80?4"80FF2/3/: "3/"?82"92: 3>/07"H692064M'H6?". >6"092/2"

  : 3D3/: "F>73G. "0AD3G2;"

K82" \* 0?3>/07")/?2773: 2/G2"@>6/G37"43?4"0?>FWN82/")"N04"?8292M'3?"N04"!a"

\*>NM\*?82">?829"?83/: "?80?")"80D2"SQQ,[\_,QQT"?>"40. "34"N82/")"4?09?2A"0?"?82"

\*0?3>/07")/?2773: 2/G2"@>6/G37"3?"N04"4?377"F09?">="@2/?907")/?2773: 2/G2;"K80?"34"?>"40. W

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)/?2773: 2/G2M\*?82"RI \*)M\*N04"42?"6F;"K834"N04"0"A392G?"924F>/42"?>"Ph!!M\*?>"?82"3A20"

?80?"Ph!!"G>67A"80D2"H22/"0D>3A2A"80A"?82"A3=292/?"3/?2773: 2/G2"0: 2/G324"80A" 1 >92"

G>>9A3/0?3>/"0/A"80A"F2>F72"/>?"H22/"4>"437>2A;"B>"N82/"?82. "42?"6F"?82"RI \*)W

0/A"?82"=394?"I \*)"N04"L 1 H0440A>9"f>8/"\*2: 9>F>/?2WN2"?82/"483=?2A"=9> 1 "

92F>9?3/: "?>"?82"A392G?>9">="?82"@)L"?>"92F>9?3/: "?>"?82"A392G?>9">="?82"RI \*)M\*>="

\*0?3>/07")/?2773: 2/G2;"K80?"\$?90/43?3>/T"N04"0"73??72"H6 1 F. "H2G0642"3/"077">="?8>42"

@2/?907"L430;"K8292"N04"0"93>?"3/"?82"F934>/"S3/"L/A30>/T;"L"/61 H29">="F2>F72"

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31 F934>/2A;"K82"CXH2J": >D29/ 1 2/?MN83G8"N04"D29. "92F92443D2M80A"403A"?80?"?82. "

N292"077"=6/A0 1 2/?0734?4"0/A"?299>934?4;"R?829"F2>F72"80D2"0442442A"?80?"?834"N04"0"

: 9>6F"?80?"N04/?"/2G2440937. "0"?299>934?": 9>6F"H6?"N04"0AD>G0?3/: "=>9"?8239"93: 8?"?>"

N>9483F"3/"?82"N0. "?80?"?82. "N0/?2A"?>;"Y>6"80A"0"F934>/"93>?M?82. "4> 1 28>N": >?"

3/"N20F>/4"=9> 1 "?82">6?43A2;"K82": >D29/ 1 2/?"G70 1 F2A"A>N/"D29. "809A">/"?80?;")?"

J3772A"N2"A>/?"92077. "J/>N"8>N" 1 0/. "F2>F72M'H6?"3?4"F9>H0H7. "3/"?82"86/A92A4;""

L/A"04"0"92467?">="?80?M?8292"N04"0"A2H0?2"N3?83/"?82"%648"0A 1 3/34?90?3>/"

0H>6?"N80?"?>"A>"0H>6?"?834;\text{\text{MB2G92?09.}} (614=27A\text{\text{N04"4}} 12>/2\text{\text{\text{N8}}}\text{\text{\text{H2732D2A}}"?80?"} \\ \text{L?3/\text{\tin\text{\tin\text{\texi\tex{\text{\text{\text{\text{\text{\text{\text{\ti}\tin\text{\text{\t

Z0931 >DT;"V 2"80A"0"H042"3/"CXH2J34?0/W90330"?>"X?0/"B " -0.2 (03).2 (3) -5" ] TJ ET Q q 0.24

80FF2/"3/"CXH2J34?0/;"B>"?80?"N04"0/>?829" 1 00>9"34462"N3?8"N83G8"N2"80A"?>" G>/?2/A"3/"?82"G>6F72">=". 2094"?80?")"N04"?8292;"

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  /2D29"80FF2/2AM'>9"N8. "3?"NQ4"0"=0742"4?09?"H2?N22/M'40. M'\$QQ\_"I "\$QQC"90/: 2M'N80?"
  N2/?"N9>/: "?8292`"(3G2"A24G93H24": >3/: "?>"- >4G>N"Q/A"804"0"D29. "?2/42" 1 22?3/: "
  N3?8"56?3/"Q/A"?82924"?82" 1 22?3/: "H2?N22/"%648"Q/A"56?3/"3/"%90?347QDQM)"H2732D2"
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  : 2??3/: "HQGJ">-/"?90GJ"?8292`""
- BK&\*K,"B>")\d7"H2: 3/" 1 0. H2"N3?8"0"4?>9.;")/"\$QQ\_M?82"(64430/4"=>9"?82"=394?"?3 1 2"80A"0"

  1 22?3/: ">="4>1 2?83/: "G0772A"?82"] 07A03")/?29/0?3>/07"I 34G6443>/"@76HMN83G8"4?377"

  2U34?4"?>A0.;"L/A")"N04"0"/0?3>/07"3/?2773: 2/G2">==3G29M'H6?")"N04"3/D3?2A"?>"?834"

  1 22?3/:;")?"N04"0" 1 22?3/: ">="=>923: /"2UF29?4">/"(64430;"L/A"3/"\$QQ\_M'N2"N2/?"?>"

  (64430"S\*>D: >9>A"0/A" >4G>NT;"SQQ,\_Q,QQT;"L/A"3/"=0G?M'N2"0993D2A"?8292"064?"3/"

  ?82" 1 3AA72">="?82"8>4?0: 2"G30(9) 0.3(23) 0.2(:)0.2(/"2U) 0.5(F)0.4(29) 0.3(?4)0(6).3(9) -



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@>/: 9244"F0442A"?82"f0GJ4>/#] 0/3J"L1 2/A1 2/?MN83G8"?32A"?82": 90/?3/: ">="1 >4?#

=0D>92A"/0?3>/"4?0?64"?>"?82"B>D32?"C/3>/"?>"3?4"F>73G. ">/"f2N348"21 3: 90?3>/"0/A"

21 3: 90?3>/"3/": 2/2907;"K82"B>D32?"C/3>/"G>770F42AW0: 03/M?834"34"422/"3/" (64430M3/"

F>4?#B>D32?" (64430"F09?3G67097. M04"6/A29 1 3/3/: "3?4"72: 3?3 1 0G. M04"A34924F2G?"?>"

(64430"H2G0642M2D2/"6/A29"+>9H0G82DM0/A"G29?03/7. "0=?29"+>9H0G82DM (64430"

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L/A"4>"?82. "J2F?"40. 3/: MN8. "A>/?". >6"92 1 >D2"?834"f0GJ4>/#] 0/3J"L 1 2/A1 2/?"

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A3A/?"80FF2/"6/?37"\$Q!!M'N>67A"80D2M')"?83/JM': >/2"4>1 2"N0. "?>"G80/: 3/: "?82"
/0990?3D2"?80?">/2"8209A"=9>1 "(64430;"



?69="H0??724W/>?"4>"1 6G8"?69="H0??724M"H6?"074>"92077. "A340: 922 1 2/?4"0H>6?"8>N"?>"
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A34F6?24M'. >6"80A"=9>X2/"G>/=73G?4"?8292;"L/A"?80?"N>67A/?"80D2" 1 0A2"42/42"

A34F6?24M'. >6"80A"=9>X2/"G>/=/3G?4"?8292;"L/A"?80?"N>6/A/</ri>
23?829M'0/A"?82. "N292"D29. "1 6G8"0: 03/4?"?834;"L/A"4>". >6"80AM'H270?2A7. M'?834"

0??21 F?"H. "?82"%648"0A 1 3/34?90?3>/"?>"F29460A2"+291 0/. "0/A"\90/G2M'H6?"3?"N04/<?"

: >3/: "D29. "N277;"SQQ,ac,QQT"

K82"F09?324"48>N"6F"3/"%6G80924?M0/A"/>?83/: "804"H22/"A2G3A2AM0/A"56?3/"
34"0993D3/: ">/"?82"42G>/A"A0. ">="?82"461 1 3?;"L/A"4>". >6"80A"0"D29. "G>/?2/?3>64"

&1 F392M'H6?" 1 >4?">="3?"N04"F09?">="?82" (64430/"&1 F392;j"L/A"?834"34"0"F89042"?80?"

824"92F20?2A"0"/61 H29">="A3=292/?"?31 24;"L/A"4>"3?"4221 4"?>"1 2"?82"F9>H721 "N3?8"

?82"%6G80924?"@>1 1 6/3b62"34"?80?M3/"0"N0. "SQQ,ad,QQTM3?": OD2" (64430"73G2/42"/>?"

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+2>9: 30"=9>1 "0>3/3/: "\* LKRM'H6?"074>"0//2U3/: "@931 20M'H2G0642"56?3/W>/2">="?82"

064?3=3G0?3>/4"82": OD2"N04M'>/G2"?82": >D29/1 2/?"G80/: 2A"3/"Z32D"3/"\$Q!\_M'82"N04"

N>9932A"?80?". >6A"422"\* LKR"483F4"3/"B2D04?>F>7M3/"@931 20;"B>"3/"92?9>4F2G?M'. >6"

80A"?82"N>94?">="H>?8"N>97A4"H2G0642"/23?829"CJ903/2"/>9"+2>9: 30"N292"3/"=0G?"

?>"A2=20?"?82"+2>9: 30/4M: 3D2/"SQ!,Q\$,QQT"?82"31 H070/G2"3/"1 373?09. "=>9G24;"Y24M?82" C/3?2A"B?0?24M"N2"A3A"80D2"0"F9>: 901 M"0"?903/"0/A"2b63F"F9>: 901 "N3?8"?82" +2>9: 30/4"091 . M"N8292"N2<A"S?82"C;B;"1 373?09. T"827F2A"?821 M"0/A"?834"80A"?>"A>" N3?8"074>"A2073/: "N3?8"?80?"J3/A">="6/: >D29/2A"4F0G24"N8292". >6"80A"077"J3/A4">=" ?299>934?4;"%6?"G29?03/7. M"?82"%648"0A 1 3/34?90?3>/"G>67A/?"80D2"A>/2"1 >92"S48>67A"

\*>NM\*N80?"3?"A3A"A>"0?"?82"2/A">="?82"N09"N04"?>"G6?">=">9"G>/?0G?4"N3?8" (64430"0H>D2"?82"A2F6?. "04434?0/?"42G92?09. "72D27W

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OA 1 3/34?90?3>/M'>9"A3A"?82. "1 0J2"?8239">N/"1 3406A: 1 2/?4"0H>6?"SQ!,Q\_,QQT"?82" 43?60?3>/"3/"V 0483/: ?>/`""

BK&\*K,"L?"?82"H2:3//3/:">="?82"%648"0A13/34?90?3>/M?834"N04"0"F293>A"N82/"56?3/"N04" 920G83/: ">6?"?>"?82"V 24?" 1 >92MN82/"82": 0D2"?82"31 F92443>/"?80?"82"N0/?2A" (64430"?>"H2" 1 >92"3/?2: 90?2A"N3?8"?82"V 24?;"L/A"0: 03/M". >6"83?"?82"83: 8"F>3/?">=" \$QQI;"f6A: 3/: "H. "N80?"B2G92?09. " (3G2"403A"0=?29"?82"2/A">="?82")90b" \ 09M"=>9: 3D3/: " ?82"(64430/4W)"?83/J"?8292"N04"4?377"?82"H2732="?80?">/2"G>67A"G>>F290?2"N3?8" (64430;")?"F9>H0H7. "?>>J"7>/: 29"?>"6/A294?0/A"?82"/0?692">="N80?"56?3/"N04"A>3/: M 0/A"?80?"N04"?834"47>NM'4?20A. M'G701 FA>N/"A>1 24?3G077. "0/A"?82"H2: 3//3/: ">="0" 1 6G8" 1 >92"04429?3D2"=>923: /"F>73G.:"S%. T"\$QQe"N3?8"?82"- 6/3G8"SB2G693?. T" G>/=292/G2MH."?82/M'/>">/2"92077."80A"0/."A>6H?"0H>6?"N80?"56?3/"N04"0H>6?M'0/A"  $?82/"SG012T"?82" + 2 > 9: 30" \lor 09: "%6?"720A3/: "6F"? > "?80?MF2 > F72"A3A" = 037"? > "6/A294?0/A"$ 2U0G?7. "8>N" 1 6G8"56?3/"80A"07?292A"?82"G>6942">="N8292" (64430"N04": >3/: M"N04" ?01 F3/: "A>N/">/"077"=922A>1 ">="2UF92443>/"0/A"A2?291 3/2A"?>"9204429?" (64430"/>?" >/7. "3/"3?4">N/"/23: 8H>98>>AM'H6?"?82/"70?29">/"3/">?829"F09?4">="?82"N>97A;"K8292" N292"F2>F72"3/"?82"%648"0A13/34?90?3>/"N8>"6/A294?>>A"3?"H2??29"?80/">?8294\\0/A" =9>1 "?82"H2: 3//3/: "80A;"52>F72"3/"?82"R=3G2">="?82"] 3G2"59243A2/?"0/A"3/"4>1 2" >?829"F09?4">="?82": >D29/12/?">9">?829"3/A3D3A6074"A3A"6/A294?0/A"?834;"%6?"?82" >/24"?80?"4?377"N0/?2A"?>"J22F"6F"N3?8"4>1 2"SQ!.Qc.QQT"F90: 1 0?3G"3/?290G?3>/4:" L=?29"077M'. >6"A3A"80D2"0" 1 22?3/: "3/"B>G83"3/"\$QQdM'H2?N22/"%648"0/A"56?3/M'N8292" . >6"80A"0"G82GJ734?">="077"?82"344624">/"N83G8"?82"C;B;"0/A" (64430"/22A2A"?>"

2/: 0: 2M'?80?"G82GJ734?"804/~"92077. "G80/: 2A"?80?"1 6G8"43/G2"?82/;"%6?"F2>F72"
=0372A"?>"0/?3G3F0?2"2U0G?7. "8>N"b63GJ7. "?82"9270?3>/483F"G>67A": >"A>N/"0/A"8>N"
0/?0: >/34?3G"3?"N>67A"H2M'0/A"8>N" 1 6G8"?834"N04M')"?83/JM'?32A"?>"56?3/~4">N/"42/42"
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H2?90. 2A;"K8>42"2UF2G?0?3>/4"N292"N9>/: "=9>1 "834"F>3/?">="D32NM'H6?"?8>42"N292"
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G>/G29/2A"0H>6?"N80?"N04"80FF2/3/: "3/"?82"B>D32?"C/3>/">9"F>4?#B>D32?" (64430;"

K82. "80D2/?"F6482A"0"A21>G90G. "0: 2/A0VVG29?03/7. "?82"704?". 209">="?82"+2>9: 2"

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I 21>G90?4"N8>"?2/A"?>"80D2"H22/"1>92"0G?3D2">/"?80?; "K82. "N292"?0J2/"H. "

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- %&' ()\* +&(,"L/A"?82/M3=")"G0/"04JM?83447"H2"1 . "704?"b624?3>/M0/A"?82/")47"422"3="B31>/"
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  3/#A2F?8"0/A"27>b62/?7. "0H>6?"C;B;"9270?3>/4">D29"?82"704?"[Q". 2094;"L/A")"N04"
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  (64430/"9270?3>/4"?80?4"3/?90G?0H72M'?80?"F92D2/?4"0": 90/A"H09: 03/"=9>1 "G>13/: "
  ?>: 2?829"=>9"?82"C/3?2A"B?0?24"0/A"(64430)""
- BK&\*K,"B>"?82"?31 24"N82/"?83/: 4"80D2"N>9J2A"H24?"092M=394?">="077M\*N82/".>6"80D2": >>A"
  9270?3>/4"H2?N22/"?82"F9243A2/?4W.>6"403A"(20: 0/"0/A"+>9H0G82D"N04"G29?03/7."
  >/2"290M'@73/?>/"0/A"Y27?43/"N04"0/>?829M'0/A">="G>6942"%648"0/A"56?3/;"L/A"3=".>6"
  7>>J"H0GJM".>6"G0/"40."?82"?31 24"N82/"?82"9270?3>/483F"804"N>9J2A"H24?"34"N82/"N2"
  3/"SQ!,Q[,QQT"=0G?"N292"07732A"0: 03/4?"0"G>1 1 >/"2/21 . M"0/A"N2"80A"73 1 3?2A": >074;"
  B>":>"H0GJ"?>"V>97A"V 09"));"V 2"80A"?82": 90/A"07730/G2WB?073/M"(>>42D27?M'0/A"
  @869G8377;"V 2"80A"0"G>1 1 >/"2/21 . M" 3?729;"V 2"N0/?2A"?>"A2=20?"831;"V 82/"82"
  N04"A2=20?2AM?80?"9270?3>/483F"=277"0F09?;""

L/A"3/?2924?3/:7.2("N)0.4"(21Tf50(6)-01)-0.0.5(!!!?8)0.4(0?"9)-0.2(>)0.5(>9)-0.3(-1)-0.0.5(!!!?8)0.4(0?"9)-0.2(>)0.5(>9)-0.3(-1)-0.0.5(!!!?8)0.4(0?"9)-0.2(>)0.5(-1)-0.0.3(-1)-0.0.5(!!!?8)0.4(0?"9)-0.2(>)0.5(-1)-0.0.3(-1)-0.0.5(!!!?8)0.4(0?"9)-0.2(>)0.5(-1)-0.0.3(-1)-0.0.3(-1)-0.0.5(!!!?8)0.4(0?"9)-0.2(-1)-0.0.3(-

H2G0642"3?"N04"?8920?2/3/: "?821 M"?8239">N/"G>6/?9. M'0/A"G29?03/7. "?8239"H0GJ. 09A;"

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/2G2440937. "48092"0"G>11>/"A2=3/3?3>/">="N80?"0"?299>934?"34;"\>9"?82" (64430/4M'3?4"

16G8" 1>92"=>G642A">/"N82?829"?8>42"?299>934?4"092"0G?6077. "?8920?2/3/: "(64430/4">9"/>?;"%6?")"?83/J"3/": 2/2907M'. >6"80A"?82"3/3?307"9>6?2">="?82"K073H0/"3/"

L=: 80/34?0/M'0/A">/G2"?82/". >6": >?"077">="?8242">?829"429324">="2D2/?4M'?83/: 4"H2: 0/"

?>"=077"0F09?;""

)"?83/JM3/"?82"56?3/". 2094M?82"43/2"b60"/>/"1 > 1 2/?M92077. M"=>9"80D3/: "0"
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4F8292">="F93D372: 2A"3/?2924?"3/"?82"F>4?#B>D32?"4F0G2;"L/A"?80?"N>67A" 1 20/"
02??34>/3/: "[Q". 2094">="40. 3/: "?80?"N2"H2732D2"?80?"?8242"G>6/?9324M3/A2F2/A2/?"
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J3/A">="A> 1 24?3G"4. 4?2 1 "?82. "80D2;"C/?37"0/A"6/7244"?80?"80FF2/2AM3?4": >3/: "?>"H2"
D29. "809A"?>"G> 1 2"?>"0": 90/A"H09: 03/"N3?8"(64430;"K8> 1 04" + 9080 1 M\*N82/"82"N04"
0?"?82" \* 0?3>/07"B2G693?. "@>6/G37M82"A3A"8>7A"?07J4"N3?8"?82" (64430/4">/"?9. 3/: "?>"
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A3=3G67?;"L/A"3?4"92077. M'6/?37"/>NM\*H22/"D29. M'D29. "A3=3G67?;""

)=". >6"80A"0"C;B;"0A13/34?90?3>/"?8**0"8"M2"M2"M2"M2"M1"N** "TQ**q**. 12(21)- 0.524Tm/TT456TT40.2(/:)

56?3/"N8>"804"0"A3=292/?"D32N">="(644304"9>72"3/"?82"F>4?#B>D32?"4F0G2;")?"N04"D29."

A3=3G67?"?>"422"8>N".>6"G>67A"G>12"?>"0/."J3/A">=":90/A"H09:03/"N3?8"(64430M'
6/7244"?82924"4>12?83/:"2742"?80?"80FF2/4":7>H077. M"N8292"0:03/M"N2"80D2"0"

G>11>/"2/21. M"H6?"0?"?834"F>3/?"N292"/>?"3/"?80?"F>43?3>/;"

N3?8" (64430/"L1293G0/4"34"?8292"092"A3==292/?"N0D24">="213:924"0/A"10/.">="?821" A>/<"?07J"?>"20G8">?829;"B>"F09?">="?82"9204>/"N8.".>6"A>/<?"80D2"0/"2=2G?3D2" (64430/"7>HH.">="(64430/"L1293G0/4"34"?8>42"(64430/"L1293G0/4"092">=?2/"0?"20G8" >?8294"?89>0?4"0/A"?82."N>67A"80D2"?>"H2" 1 >92"6/3?2A"3/"N80?"3?"34"?80?"?82. 92" )=". >6"80D2"0"G06G64">/"?82" 377M73J2"F2>F72"N8>"46FF>9?M72?4"40. M'L91 2/30/" L1293G0/4M?80?4"F09?7."0"92=72G?3>/">="?82"7>HH.3/: ":9>6F4"?821427D24"8292;"B>" ?80?'4"F09?7. "3?;"L/A"3/"?82"704?"[0". 2094M'?82" (64430/4"80D2" 1 0A2"D093>64"0??2 1 F?4M' ?82. D2"8392A"5 ("=39 1 4M"?>"?9. "0/A"G920?2"0" (64430"G06G64;"K82"704?" (64430"G06G64" N04"820A2A"H."I 0/0"(>890H0G829"0/AM'N82/"82"N04"A2=20?2AM'3?"A>24/<?"2U34?" 0/. 1 >92;"%6?"?8>42"7>HH. 3/: ": 9>6F4"064?"80D2/?"H22/"D29. "2==2G?3D2M"0/A"3?" 1 0. "H2" H2G0642"N80?"?82. 92"H23/: "04J2A"?>"A>M'?82"5 ("=391 4M'34/?"D29. "2==2G?3D2;")?4"074>" 4>1 2?31 24"H2G0642M'N82/"?82" (64430/4"80D2"42/?"4>1 2">="?8239"F097301 2/?0930/4" 8292"?>"?07J"?>"1 21 H294">="@>/: 9244M'?8>42"?07J4"80D2/?": >/2"4>"N277;"B>")"?83/J" 3?4"10.H2"0"92=72G?3>/">="077">="?8>42"?83/:4;"L/A"?82/M3=".>6"A3A"80D2"0"7>HH.3/:" : 9>6F"3/"@>/: 9244M"0" ( 64430"G06G64M'N80?"N>67A". >6"H2"0AD>G0?3/: "=>9` ")4"3?" 46FF>9?3/: "59243A2/?"56?3/`"L/A"3="3?4"46FF>9?3/: "59243A2/?"56?3/M'?82/". >692" : >3/: "?>"1 22?"b63?2"0"7>?">=">FF>43?3>/"3/"?82"C;B;"@>/: 9244;"B>"=09M')"?83/J" SQL.lc.QQT"?80?4"N80?"2UF703/4"3?:""

\*>NM3=".>6":>"H0GJ"?>"?82"F294>/07"9270?3>/4M)"A>"?83/J"?80?"?82. 42"
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