GW cc`'D`Ub'Zcf'Gh XYbh5 W]Yj Ya Ybh fGDG5 Ł

Ù&@[ÁÞæ{^Á	Ô[ˇ} ở ぜÕã dã& ĐÙ& @[Á	Ù&@[•ãr^ÁÔ[*}&ã\Á	Š[&æļÁÓ[æ¦åÁŒ[]¦[çæ)Á
	ÇÔ ÖÙ DÁÔ[å^Á	ÇÙÙÔDÁŒ] [çæ\ÁÖæe^Á	Öææ^Á
Ó^æ{ ^ ÁÚæ} ÁÖ ^{ ^ } ææ^ /= Ù&@[Á‱M	ÍÏÏŒÏF€Î€ÎIII∰	TæÁnl0ÉAG€FJ	June 13, 2019

Di fdcgY'UbX'8 YgW]dh]cb'

Ó¦ã^+î^ás^•&¦ãs^Ác@^Áj`¦][•^Á; Ác@s Á;|æ;ÁÇÙ^|^&cÁ¦[{ÁÛ&@[[;ãs^ÁÚ¦[*¦æ;ÊÉÔ[{]¦^@}}•ãç^ÂÛ`]][¦cÁæ;åÁQ]¦[ç^{^}dÉVæ;*^c^åÂÛ`]][¦cÁæ;åÁQ]¦[ç^{ ^}dÉA;¦ÁŒååãã[}æ;ÁVæ;*^c^åÂÛ`]][¦cÁæ;åÁQ]¦[ç^{ ^}dÉA; Q]]¦[ç^{ ^}dDÁ

Ù&@[|, ãa^ÁÚ¦[*¦æ{

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Ś[&æ4AÔ[}d[|Áæ4)åAOE&&[*}œæàájāĉAÚ|æ4)Áæ4)åAfc@^¦ÁA^å^¦æ4E4cæe^E&æ4)åAf[&æ4Á]¦[*¦æ4(•EÁ
 V@ÂÛ&@[|ÁYãå^ÁÚ|æ;Á;^^œÁs@ÁÔÙÙŒÁ^~~ã^{ ^}œÁs@[~*@Á
 CE/8[{]|^{\hat{A}_{0}}} \bullet \tilde{a}_{0}^{\hat{A}_{1}} \wedge \hat{a}_{0}^{\hat{A}_{2}} \bullet \hat{a}_{0}^{\hat{A}_{2}} \bullet \hat{a}_{0}^{\hat{A}_{1}} \wedge \hat{a}_{0}^{\hat{A}_{2}} \wedge \hat{a}_{0}^{\hat{A}_{2}}
 æ&@a^ç^{ ^} o^{ ^} o^{ ^} a^{ ^} c a^{ ^} a
 }^^å•Át,-Ác@;•^Átčå^};•Á; @;Ásch^Ázaájā;*ÉA;¦Ásch^ÁsachÁā;\Át,-Ázaájā;*ÉA;Át, ^^Óks@;Á&@æddh^}*ā;*Át;cæe^Á
 æ$æå^{ & Ác; æ} åæå• ÈÁV@Á; ^^å• Áæ•^••{ ^} oÁ; æ Ás[} å* &c^å Ás; Ás@ ÁÒŠOĐÔÁæ; å ÁÙÙÔÁ; æ;^} oÁ
 { ^^@; *• Êse[} * Á ão@Ácæ-Á; ^^@; *• Á @ \^à^Á; [ ` ] • Á[ & `•^åÁ; } Á ão Á] ^&ã&Á, ^^å• ÈÁ
 V@Á&Q[|Á, ãå^Á,|æ)Á, æÁå^ç^|[]^åÁq Á*`]][¦ÓÁ@Á,^^å•Á,-Ás@Ácčå^}œÁqÁ@Á&Q[|ÁæAåå^}œÆåå^}œÆå
 c@[**@$c@^Á&[{]¦^@}}•ãç^Aj^^å•Áæ•^••{^}dŽÁV@••^Æşj&|*å^KÁ
 •dæe^*ã^•Ás@ænÁs@£nÁs@[[Áās Áā[]|^{ ^}cā] *Áq Áænåå¦^••Ás@ Áa&@[[Á,^^å•Áa^Á;|çãnā] *Áq]][¦č}ãnã^•Áq¦Á
 ællÁc å^} o Át Á ^^oÁc@ Á&@ell^} * ð * Á cæc Áso&æå^{ 86Á cæ) åælå• Á
 āj&l^æ•^Ác@^Áæ{ [ˇ} cÁæ}åÁˇæþãĉÁ;~Á/væb}āj*Áœã; ^Êæb}åÁ@\]Áj¦[çãå^Áæ)Án}¦ã&@^åÁæb}åÁæ&&^|^lææ^åÁ
 &`;;a&`;{A;;[*;ae(• Êàoc&caçãa?• Êàoc) å Ás(`;•^• A; ^&^• ae^ Át[A;;[çãa^ ÁsoA, ^||Á[`} å ^ å Án å š &aea[] } Êàoc) å Á
 •dæe^*ã•Ác@ænÁæåå¦^••Ác@Aj^^å•Áj-Áæd|Ácčå^}o•Áj-Ác@Aj-Ác@Aj-Æd@[|ÊÉa`oAjædæ&`|æd|^Ác@Aj^^å•Áj-Ác@•^Á
  • čå^} o• ÁsocÁã \Á; -Á; [oÁ; ^^cā; *Ás@ Á&@ ed|^} *ā; *Áso& edå^{ a& Áce} adaå• ÉÁ
  V@^Án&@[[|Á, ãna^Án||æa) Ásænna¦^••^•Án, æb^}oÁsæn) a'Áæa( ãn Án) *æ*^{ ^}oÁsa Ásu[} a * &cā] *Án `d^æa&@Án Ásæn|Á
 ]æb^}o•Áæa)åÁæa{āĵÁ;^{à^{+ ££6}&|~åãj*KÁ
  æÁn &@[[/Ásan) å Álæa{ af Án} *æ*^{ ^} oÁn[|a&c Án
 æÁ &@[|Áæ) åÁ,æ^} óÆ[{]æ&óÁc@æÁæåå¦^••^•Áœ4°åÁ^•][}•ãa ããc Á[¦Á@ð @Á čå^}oÁæ&æå^{ &&Á
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GHJ_Y\ c`XYf`≠bj c`j Ya Ybh

±bj c`j Ya YbhDfcWYgg'Zcf'l\ Y'GDG5 'UbX'5 bbi U'F Yj]Yk 'UbX'l dXUhY'

FYgcifW/*=bYei]h]Yg

Ólan + Ángan - Ángan -

ÞÐDÐÁÁ

GW cc "UbX"Ghi XYbhDYfZcfa UbWY'8 UHJ"

Ghi XYbh9bfc``a Ybh 9bfc``a Ybh6mGhi XYbh; fci d

	Ghi	XYbh9bfc``a Y	bhVmGiV[fci	d [.]		
	DYf\	∧YbhcZ9bfc``a	Ybh	Bi a	a VYf cZGhi XY	'bhg'
Ghi XYbh; fci d	8\$%) !%* ·	&\$ % !%+`	&\$%+!% ·	&\$%) !%* `	&\$ % !%+`	&\$%+!% `
5a Yf]WUb [·] =bX]Ub∰	€ÌÈà Á	ÃÁ	ÃÁ	F₩		
5 27] WU b [·] 5 a Yf] WU b∰	€ÏÃÁ	€ÈÃÁ	€ĚÏÃÁ	ΙÁΚ	HÁ	HÁ
5 g]Ub∰	€ĚÃÁ €ÈÃÁ		€ĚÏÃÁ	HÁÁÁ	HÁ	HÁ
:]`]d]bc <i>∰</i> Á	€ÌÈà Á	€ÈÃÁÁ	ÃÁ	F₩	FÁ	
<]gdUb]W#@Ufjbc∰	ÌJÈÃÁ	JFȀà Á	J€ÈFà Á	Í€JÆÁ	IJÎÁ	ΙÌ € Á
DU VJZJW³ =g`UbXYf <i>∰</i>	ÃÁ	ÃÁ	ÃÁ			
K \]hY##\	ΪÈÃÁ	ÎÈÃÁ	ÎÈGÃÁ	ΙÍÆ	ΗÏÁ	HÎ Á
Ai`hjd`Y#Bc⁻FYgdcbgY∰	€ÌÃÁ	€ÈÃÁ	€ĚÏÃÁ	G₩Á	GÁ	HÁ
		Hcl	ป 9bfc"a Ybh	ÍÎÏÁ	ÍIÍÁ	ÍĠÁ

Ghi XYbh9bfc``a Ybh 9bfc``a Ybh6m; fUXY`@/j Y`

	Ghi XYbhi9bfc``a YbhiVm	i; fUXY'@∕jY'	
. ELNOC		Bi a VYf cZGh XYbhg	
; fUXY	&\$%) !%* `	&\$ % !%+`	&\$% !% ·
?]bXYf[Uf hYb∰	Ï FÁ	Ï GÁ	Ï FÁ
; f uxy "%##\	Ï FÁ	Ï GÁ	Ï € Á
; fUXY '&ÁÁÁ	JÍ Á	îìÁ	Ï FÁ
; fuxy'	ÌIÁ	JI Á	îìÁ
; fuxy '(ÁÁÁ	J€Á	Ì€Á	ìïÁ
; fuxy')	ΪΙÁ	ìîÁ	ΪΪÁ
; fUXY '* ÁÁÁ	ì G Á	ΪΗÁ	ÌIÁ
HcHJ'9bfc``a Ybh∰	ÍÎÏÁ	ÍIÍÁ	ĺĠÁ

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

% ora ^¦Á,¦^å[{ã,æe^|^Á,^¦ç^•ÁsæÆã]æ);8&Á,[] `|ææã[}ÈÁÁ

GW cc "UbX"Ghi XYbhDYfZcfa UbWY'8 UHJ"

Ghi XYbh9bfc``a Ybh 9b[`]g\ '@/UfbYf'f9@L9bfc``a Ybh

01.17.1	. 94 KP 74.4	0 @'0 l-f = " =	M. L			
9 p[]g/	Wrufbyi il	9 @ Ľ9 bf c``a	Ybn			
OI: 204 II: (-1 II:	Bi a	VYf cZGhi X	Yblg [·]	DYfV	Whic ZGhi X	Yblg [·]
Ghi XYbhi; fci d'	8\$%) !%* `	8\$ % !%+`	8\$% !% ·	&\$%) !%* `	8\$ % !%+`	8\$% !% [·]
9b[`]g\	GÎ FÁ	ďÍÁ	GCÍÁ	ΙÎÈEÃÁ	ΙÎÈÃÁ	ΙŒΪÃÁ
: `i Ybh9b[`]g\ `DfcZJVJYbhfl 9DŁ∰	F€GÁ	JI Á	JÏ Á	FÌÈEÃÁ	fï ÈGÃ Á	FÌÈÃÁ
FYWUgg]ZYX': `i Ybh9b[`]g\ 'DfcZW]YbhfF: 9DtÁ	ĠÁ	HGÁ	ΙΙÁ	F€ÌÀÁ	FŒ <u>H</u> ÃÁ	FÏ ÈÃÁ

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

[%] V@Á,^¦&^}æ *^Á,ÁÔŠÁ;čå^}œ Á^&|æ•ã;∄ *Á§&¦^æ•^åÁà;Â;ĚÃÈÁÁ

 $^{\&}amp;^{"}$ $\lor @ \dot{A}_{1}^{A} \$ $\&^{A}_{2} \$ $\&^{A}_{3} \$ $\&^{A}_{4} \$ $\&^{A}_{3} \$ $\&^{A}_{4} \$

GW cc "UbX"Ghi XYbhDYfZcfa UbWY'8 UHJ

7 5 5 GDD'F Ygi `hg' 9 b[`]g\ `@Ub[i U[Y'5 f hg#@jhYf UWnif5 ```Ghi XYbhgL'

				Cj YfƯ`	D U f h j W j dl	Jh]cb`Zcf`	5```Ghi X\	Ybhg [*]					
; fUXY	ृ ˈcZGhi	XYblg ['] 9	bfc``YX'	ͺ ˙cZGl	i XYblgʻl	-lYghYX	ͺ ˙cΖ(GhiXYbhg GWcfYg	'k]h '	ı 'cZGhi XYbhg'HYghYX'			
@/j Y`	%)!%	% !% +	%+!%	%)!%*	% !%+	%±!%,	%)!%	% !% +	%+!%	%)!%	%!% +	%+!%	
; fUXY"	ÌΙÁ	JGÁ	ÎJÁ	ÌΗÁ	ÌJÁ	ÎJÁ	ÌΗÁ	ÌJÁ	ÎJÁ	JÌÈÁ	JÎĖÁ	F €€ Á	
; fUXY'(J € Á	ÌFÁ	ÌJÁ	ÌJÁ	ÌFÁ	ÌÌÁ	ÌJÁ	ÌFÁ	ÌÌÁ	λĠί	F €€ Á	JÌ ÀÁ	
; fUXY')	ΪÍÁ	ÌIÁ	ΪHÁ	ΪΙÁ	ÌIÁ	ΪHÁ	ΪΙÁ	ÌIÁ	ΪHÁ	JÌĖÁ	F €€ Á	F €€ Á	
; fUXY'*	ÌGÁ	ΪΗÁ	ÌΗÁ	ìGÁ	ΪHÁ	ÌΗÁ	ìGÁ	ΪΗÁ	ìΗÁ	F € €Á	F €€ Á	F €€ Á	
5```; fUXYg''	HFÁ	H H€ Á	HFI Á	HGÌ Á	HGÏ Á	HFHÁ	HGÌ Á	HGÏ Á	HFHÁ	JJÈÁ	JJÈÁ	JJËÁ	

				C	cj YfƯ`	5 W]Yj	Ya Ybh	Zcf'5``	Ghi XYb	ohgʻ					
; fUXY	A YUb	·GWUY	GWcfY		GHUbXU IWYXY		ı 'GHUbXUfX' A Yh				GHUbXL YUF`miA		ı 'GHUbXUFX' BchAYh		
@/j Y`	%)!%	%!% +	%+!%	%)!%	%!% +	%+!%	%)!%	%!% +	%+!%	%)!%	%!% +	%±!%	%)!%	%!% +	%±!%
; fUXY"	G€È	GHĴĴÈ	Ǵ€ijĖ	FÏ Á	ΪÈΪÁ	FI È J	G€Á	FHÈÌ/	ŒÈJ/	GJÁ	GÌÈ€JÁ	HFÈÌ	ΗÁ	í€ĚîÆ	HÈH
; fUXY'('''	G FÏ È	G G È	GÄĤĘ	FFÁ	FŒHÍ Á	GÈCIÏÁ	FGÁ	FÏ ÈÈÌ A	FÏÈEÍ/	GGÁ	GOÈGG/	G€ÈÍ/	ÍIÁ	lìÈÍ <i>Á</i>	΀ÈGHÁ
; fUXY')	GÍ €GÈ	GįįĖ	GÏÌÈ	GΑ	FFÈJ€	FJÈÌ Á	GHÁ	G ÈÌ A	G€EĽÍÁ	ďΑ	HÎÈ€	GHÈGJ/	GÂ	GHÈ F	HÎ ÈJA
; fUXY'* '''	G FHÈ	G G È	G Fì È	JÁ	FÏ È F	ΪÈΘΗÁ	H€Á	HÌ ÈHÎ A	H€ÈG	ΗÌÁ	ŒÈĠ	I HÈ Ï	GHÁ	ŒÈŒ	FJÈGÌ Á
5```; fUXYg''	ÞÐÐÆÁ	ÞEODEÁ	ÞEODEÁ	FÍ Á	FŒŒ-V	F€ÌÒG	ŒÁ	GHĚÍ/	COÈEI A	GJÁ	ĠĔĠ	GJËF	ΗÍÁ	HÎË€	HÌÈEG⁄

	FYUX]b[' 8 Ya cbglfUh]b['i bXYfglUbX]b['cZ`]l\YfUfmUbX'bcb!Z[Wf]cbU`l\Yl lg'													
I '5 Vcj Y'GHUbXUfX' I '5 h'cf'BYUf'GHUbXUfX' I '6 Y'ck 'GHUbXUfX'														
; fUXY`@⁄jY`	%)!%	3 !% %!%+ %+!% %)!% %!%+ %+!% %)!% %!%+ %+												
; fUXY"	ŒÁ	FŒHÎÁ	FÌÈIÁ	ΙÍÁ	HQEĽÌÁ	Í€ÈÏGÁ	HÍ Á	ÍÍÈEÎÁ	H€ÈHÁ					
; fUXY'(F€Á	FÌ LĚ GÁ	FFÈ HÁ	Η̈́Á	I€ËIÁ	HJĚHÁ	ÍΗÁ	I€ËIÁ	ΙÌÈἸÁ					
; fUXY')	GНÁ	FHÈT€Á	FHÈË€Á	ΙGÁ	ΙÎÈΗÁ	ÍIËJÁ	HÍ Á	I€ÈÌÁ	HFÉ FÁ					
; fUXY'*	FHÁ	FJÈFÌ Á	JĒIÁ	ΙÌÁ	ÍHÈÈGÁ	Î⊕ÈGIÁ	ШÁ	GÏÈEÁ	H€ÌÈGÁ					
5```; fUXYg'''	FÎ Á	FÎÁ FÍLĒEÁ FHOÈÌÁ IHÁ IQOÈFÁ ÍFDÈHÁ IFÁ IFLĚJÁ HÍLĒJÁ												

	K f]h]b[ˈ DfcXi W]b[ˈWYUfˈUbXˈdifdcgYZi``k f]h]b[ˈ													
I '5 Vcj Y'GHUbXUfX' I '5 hcf'BYUf'GHUbXUfX' I '6 Yck 'GHUbXUfX'														
; fUXY`@/j Y`	%)!%	% !%+	%±!%	%)!%	% !%+	%±!%	%)!%*	% !%+	%±!%					
; fUXY"	FFÁ	ΪÈΪÁ	FFËÎÁ	ΙÌÁ	HÏÈÈÌÁ	ΙÌĚΗÁ	l FÁ	ÍÍÈEÎÁ	ЫËFÁ					
; fUXY'(ΪÁ	ΪÈFÁ	OÈHÍÁ	ΙÍÁ	HÏÈEIÁ	H€ĽÍJÁ	ΙÌÁ	ÍÍĚÎÁ	ÎÏÈEÎÁ					
; fUXY')	H€Á	GHÈ FÁ	G€LÍÁ	ΙHÁ	Í GÈHÌÁ	ΙŒÈΪÁ	GΪÁ	G HÈ FÁ	HÎÈJÁ					
; fUXY'*	FGÁ	GÎÈ≣HÁ	FHÈ FÁ	Í GÁ	ΙÎĚÌÁ	΀ÈÌÁ	HÍ Á	GÏÈEÁ	GÍ 🖺 FÁ					
5```; fUXYg'''	FI Á	FÍ Ð€Á	FFÈJÁ	ΙΪÁ	l HÈÈGÁ	ΙÍÈĖÍÁ	ΗÌÁ	l€ÈÌÁ	ΙŒÌÎÁ					

	@ghYb]b[ˈ 8 Ya cbglfUhjb[ˈYZZYWjj YˈWca a i b]WUhjcbˈg_]``gˈ													
I '5 Vcj Y'GHJbXUfX' I '5 hcf'BYUf'GHJbXUfX' I '6 Yck 'GHJbXUfX'														
; fUXY`@⁄jY`	%)!%*	3 !% %!% %!% %!% %!% %!% %!% %!% %!% %!%												
; fUXY"	FIÁ	ÍÈĠÁ	FÌÈIÁ	ÎΙÁ	îîÈGJÁ	ÍÎĚGÁ	χ	ÀLŒJÁ	GÈIÁ					
; fUXY'(FFÁ	FFÈFÁ	ΙÈΪ́Á	ÎJÁ	ÍÌÈEGÁ	ΪΙÈĖGÁ	ŒÁ	H€ÈÎÁ	G€ÈHÁ					
; fUXY')	FÌ Á	JĚ GÁ	F€ÈÎÁ	Î GÁ	îîÈïÁ	ÎFÈIÁ	G€Á	G HÌ FÁ	GÏÈ€Á					
; fUXY'*	ŒÁ	FÏ È FÁ	l È GÁ	ΪGÁ	îìÈJÁ	ΪΪÈFÁ	JÁ	FHEÏ€Á	FÌÈEÏÁ					
5```; fUXYg'''	FÎÁ F€LË €Á JÈHGÁ ÎÏÁ ÎIÈÈHÁ ÎÌÈEÏÁ FÌÁ GIÈEÎÁ GOLĚFA													

	FYgYUfWt#bei]fmi ≠bjYgh][Uh]b[žUbUfm]b[žUbX`dfYgYbh]b[']bZcfaUh]cbʻ													
I '5 Vcj Y'GHUbXUfX' I '5 hcf'BYUf'GHUbXUfX' I '6 Yck 'GHUbXUfX'														
; fUXY`@⁄jY`	%)!%	%)!% %!%+ %+!%, %)!% %!%+ %+!%, %)!% %!%+ %+!%												
; fUXY"	FÏ Á	ÎËIÁ	FÏ ÈUÁ	ΙGÁ	ΙΪŒIJÁ	ÍÍÈEÏÁ	l FÁ	ΙÎÈEÏÁ	ĠĚIÁ					
; fUXY'(FGÁ	FÌ LĚ GÁ	ÍÈFÁ	۱JÁ	I€ËIÁ	l FÈÎÁ	ΗÌÁ	I€ËIÁ	ÍŒ ÌH Á					
; fUXY')	HÍ Á	GFÈ HÁ	GÈÌÁ	ΙÎÁ	ÍIÈÏÁ	líÈGFÁ	FJÁ	G HÌ FÁ	H€ÈTIÁ					
; fUXY'*	ŒÁ	GÈÎÁ	H€ÌÈGÁ	îîÁ	ÍÏĚHÁ	ÍHÈ€FÁ	FGÁ	FÏ È FÁ	FÎÈΪÁ					
5```; fUXYg'''	ŒÁ	GFÁ FÏÈTHÁ FJÈGJÁ ÍFÁ IJÈTÍÁ IÌÈTÍÁ GÌÁ HGÈTGÁ HGÈTÍ.												

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

[%] Óæ-^å/n[}Ár@-/n[c^|æ|Áæ&@nc^{ ^}o/n[-/n[-/n]-/n]-/n[-/n]-/n

[&]amp; ' Óæ ^å ʎɪ̞ } Ác@ ʎɪ̞ ç^¦æ|Áæ&@ o^{ ^} ơʎ̞ -ʎɪ̣ ˈlÁɪc å^} o ÉÁnÌ ÈECà Áåãã ʎɹ̞ [ơʎ̞ ^^ơʎ@ Áaæ) åæ å • LÁæ) Æð'&l^æ ^ʎɪ-ÆÈHGà Á ፡፡ [{ Áœ ʎ̞ l^çaɪ̣ • ʎ^æÈ∰∰Å

GW cc "UbX Ghi XYbh DYf Zcfa UbWY 8 UHJ"

755GDD'FYgi`hg' AUN Ya UnjWg'f5``'Ghi XYbhgL'

				Cj YfƯ`	D U f h jVj dl	Jh]cb`Zcf`	5```Ghi X`	Ybhg [*]				
; fUXY	ृ ˈcZGhi	XYblg ['] 9	bfc``YX'	ͺ ˙cZGl	i XYblgʻl	-lYghYX	ِ cZ(GhiXYbhg GWcfYg	.k]l/l .	ı [·] cZG	h XYbhgʻl	HYghYX [*]
@∕j Ƴ`	%)!%	% !% +	%±!%	%)!%*	% !%+	%±!%	%)!%	% !% +	%+!%	%)!%*	%!% +	%+!%
; fUXY"	ÌΙÁ	JGÁ	ÎJÁ	ÌΗÁ	ÌJÁ	ÎJÁ	ÌΗÁ	ÌJÁ	ÎJÁ	JÌÈÁ	JÎĖÁ	F €€ Á
; fUXY'(J € Á	ÌFÁ	ÌJÁ	ÌJÁ	ÌFÁ	ÌÌÁ	ÌJÁ	ÌFÁ	ììÁ	λĠί	F €€ Á	JÌ ÀÁ
; fUXY')	ΪÍÁ	ÌTÁ	ΪHÁ	ΪΙÁ	ÌΗÁ	ΪHÁ	ΪΙÁ	ÌΗÁ	ΪHÁ	JÌĖÄ	JÌÈÁ	F €€ Á
; fUXY'*	ÌGÁ	ΪHÁ	ÌΗÁ	ÌGÁ	ΪHÁ	ÌΗÁ	ÌGÁ	ΪΗÁ	ÌΗÁ	F € €Á	F €€ Á	F €€ Á
5```; fUXYg''	HHFÁ	HH€Á	HFI Á	HGÌ Á	HGÎ Á	HFHÁ	HGÌ Á	HGÎ Á	HFHÁ	JJÈÁ	JÌÈÁ	JJËÁ

	Cj YfU``5 W JYj Ya YbhZcf`5```Gh XYbhgʻ														
; fUXY	•		GWcfY		GHUbXU IWYYXY		1	GHUbXU AYhi	JFX'		GHUbXU YUf`miA		ı 'GHUbXUFX' BchAYh		
@∕j Ƴ`	%)!%	%!% +	%+!%	%)!%	%!%+	%!%	%)!%	%!% +	%+!%	%)!%	%!% +	%+!%	%)!%	%!% +	%±!%
; fUXY"	G€JÈ	GHÏÌÈ	GHJÍ È	ÌÁ	GÉGÍ Á	ΪÈΘÍÁ	H€Á	FÍ È H∕	ŒÈJ/	GJÁ	H€ÌH Á	Ġ ĐJ⁄	HHÁ	ÍFĒJÁ	IHÈÌÆ
; fUXY'(G FÌ È	G̈́ΗÌÈ	G FŒ	HÁ	ÎÈÏÁ	HÈFÁ	ÌÁ	FJË Í Á	JÈ€JÁ	ΗΪÁ	H Ě Ï Á	I€ÈFÆ	ÍGÁ	HJĚF	ΙÎĚJÁ
; fUXY')	GÌIÈ	G̈́l€È	GÌÌÈ	FÍ Á	JÈÌIÁ	FHÈ €	FÍÁ	FÌ ÈEÏ À	G€LĚÍ/	HGÁ	HÏ ÈHÍ Á	H€ÈTI Á	ΗÌÁ	HÈIÁ	HÍ È G
; fUXY'*	GÌIÈ	ď€JÈ	ŒÉŒÈ	۱Á	FÍÈEÏ Á	ÌÈHÁ	G€Á	FŒ ÌH	FÍ ÈÌ Â	ΗÁ	I FÈF€	lí Èì Á	ΙΗÁ	HFĚ F	H€ÌÈG
5```; fUXYg''	ÞÐÐÁ	ÞÐÐÁ	ÞÐÐÁ	ΪÁ	ΪÈÌÁ	ΪÈIJÁ	FÌ Á	FÎ Ě Î Å	FÍ ÈÏ Æ	HHÁ	HÍ Ě Ì Á	HÏÈEÎ Æ	IFÁ	HJÈÌÁ	HÌ ÈÌ Á

	7 cbWYdhg'∕ ˙DfcWYXi fYg˙ 5 dd`n∱b[˙a Uh\ Ya Uh∱WU˙ WcbWYdhg˙UbX˙dfcWYXi fYg˙									
(I BOY AT VC'	ı '5 Vcj Y'GHJbXUfX' ı '5 hcf'BYUf'GHJbXUfX' ı '6 Yck 'GHJbXUfX'									
; fUXY`@⁄jY`	%)!%	% !%+	%±!%	%)!%	% !%+	%±!%	%)!%*	%!%+	% !%	
; fUXY"	FÌ Á	ΙÈJÁ	FÌÈIÁ	ΙGÁ	ΑÎĠΉ	GΪĚΙÁ	I € Á	ÍJĚÍÁ	ÍHEÌGÁ	
; fUXY'(HÁ	FHÉÌÁ	IÈĖ€Á	ďÁ	H€ÈÎÁ	GËLA	Ï € Á	ÍÍĚÎÁ	ÎΪÈĠÁ	
; fUXY')	ŒÁ	G€ÈÌÁ	GÈÎÁ	HGÁ	HJËÎÁ	HFĚ FÁ	ΙΪÁ	HJËÎÁ	I HÈ I Á	
; fUXY'*	îÁ	FÏ È FÁ	FHÈGÍÁ	l FÁ	HÌÈHÎÁ	ΙŒÈΪÁ	Í GÁ	IHÈLÁ	ΙΙĚÌÁ	
5```; fUXYg'''	FGÁ	FHÈÈ€Á	FIÈÏIÁ	HÎÁ	HÎÈG€Á	HQ ÌÌ IÏ Á	ÍΗÁ	̀ȀÁ	ÍŒÈÌÁ	

l g]b[DfcV`Ya `Gc`j]b['/ `AcXY`]b[#8UHU5bUmg]g` Ig]b[`Uddfcdf]UhY`hcc`g`UbX`ghfUhY[]Yg`hc`gc`jY`fYU`k cf`X`UbX`aUh\YaUh]WU`dfcV`Yag`										
		ı '5 Vcj Y'GHJbXUFX' ı '5 Hcf'BYUF'GHJbXUFX' ı '6 Y'ck 'GHJbXUFX'									
; fUXY`@/jY`	%)!%*	% !%+	%+!%	%)!%	%!%+	%+!%	%)!%*	%!%+	%±!%		
; fUXY"	FJÁ	ÎĖ̈́IÁ	FHÈEIÁ	l FÁ	ΙÎÈEÏÁ	IHÈÌÁ	I € Á	ΙΪŒIJÁ	ΙΗÈÌÁ		
; fUXY'(ÎÁ	FFÈFÁ	IÈĖ€Á	HÍ Á	IJ È ÀÁ	I FÈHÌ Á	î€Á	HJĚFÁ	ÍIÈEGÁ		
; fUXY')	FÎ Á	ÌÈHÁ	FŒ ÌH Á	HÎÁ	ΙÎÈJÁ	IHÈIÁ	ΙΪÁ	ΙΙĚÌÁ	l HÈ l Á		
; fUXY'*	۱Á	FJÈÌ Á	ÌÈHÁ	ΙΗÁ	HIÈGÍÁ	IHÈHÏÁ	ÍΙÁ	ΙÎĚÌÁ	ΙÌÈĖJÁ		
5```; fUXYg'''	FFÁ	FFÈ€I Á	JÈGJÁ	ШÁ	ΙΙÈÌÁ	ΙŒÙÍÁ	Í€Á	ΙΙÈÌÁ	ΙΪĖ̈́ÎÁ		

	7 ca a i b]WUr]b[ˈFYUgcb]b[ˈ 8 Ya cbglfUr]b[ˈUV]`]lmihc gi ddcfha Ur\ Ya Ur]WU WcbWi g]cbgʻ									
· FLDAN, SAC VC.	ı '5 Vcj Y'GHUbXUfX' ı '5 h'cf'BYUf'GHUbXUfX' ı '6 Yck 'GHUbXUfX'									
; fUXY`@⁄jY`	%)!%	% !%+	%±!%	%)!%	% !%+	%±!%	%)!%*	%!%+	% !%	
; fUXY"	FIÁ	ÍÈĠÁ	FIÈJÁ	ÍΪÁ	IJÈIÁ	l HÈÌÁ	GJÁ	ΙΙÈΙΙÁ	IŒŒHÁ	
; fUXY'(ΪÁ	FHÉÌÁ	HÈÍÁ	ЫÁ	Hì ÈGÏÁ	IGĚHÁ	ÍΙÁ	ΙÌÈΕÍÁ	ÍIÈEGÁ	
; fUXY')	FÍ Á	F€ÈÌIÁ	FHÈË€Á	ΗÌÁ	IJÈ€Á	ΙΪÈÍÁ	ΙΪÁ	HJËÎÁ	HÌÈHÎÁ	
; fUXY'*	ΪÁ	FÍÈEÏÁ	FHÈGÍÁ	΀Á	IFÈF€Á	HÌĚÍÁ	HHÁ	IHÈLÁ	ΙÌÈĖJÁ	
5```; fUXYg'''	FFÁ	FFÈE Á	F€Ð€Á	ΙÌÁ	ΙΙĖ̈́JÁ	ΙŒÙÍÁ	l FÁ	ΙΙÈΞΪÁ	ΙÎΕĖÍÁ	

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

GW cc "UbX Ghi XYbh DYf Zcfa UbWY 8 UHJ"

9 @D5 7 'F Ygi 'hg'

	&\$%-!%, `Gi a a Ur]j Y`5 ggYgga Ybh8 UrU Bi a VYf`cZGh XYbhg`UbX`A YUb`GWUY`GWcfYg`Zcf`5```Gh XYbhg`							
; fUXY` @/jY`	Cj YfU``	CfƯ @ub[i Ư[Y	Kf]HHYb`@Ub[iU[Y	Bi a VYf cZ Ghi XYbhg HYghYX				
; f ∪XY "?∰	FΙΙΪĖÁ	FIÍHB€Á	FI HÍ ÈCÁ	Ġ Á				
; f uxy °%	FIÎÌËÁ	FIÏŒDÁ	FIÎHĐÁ	HÎÁ				
; f uxy`& /#\	FI JJ Ě SÁ	FIÌÍÈÁ	FÍ FŒLÁ	ΗÁ				
; fuxy"	FI JÌ È̈́Á	FI JI ÈGÁ	FÍ€QĚÁ	Ġ Á				
; fuxy '(##	FÍ FÍ ÈÁ	FÍ FÍ ÈCÁ	FÍ FÍ È Á	I GÁ				
; fuxy ") ##	FÍ FJÈFÁ	FÍ €Í ÈCÁ	FÍ HOLÍ Á	ΘÁ				
; fuxy ** ##	FÍ I FÈ Á	FÍΙΪĚÁ	FÍ HÍÈ€Á	FGÁ				
5```; fUXYg∰				G€I Á				

	C j Yf U``@Ub[i U[Y' Bi a VYf 'UbX'DYf WYbhU[Y'c ZGhi XYbhg'Uh9 UWI 'DYf Zc fa UbWY'@/j Y'`Zc f'5```Ghi XYbhg'								
; fUXY	@⁄j	λ.(.	@⁄j	Υ	@⁄j	Ϋ́.%.	@⁄j Y`%		HchU Bi a VYf cZ
@∕j Ƴ`		Ι'.	٠.	Ι'.	٠.	Ι'	٠.	Ι'.	Ghi XYbhg'
; f UXY '?∰	FI Á	̀ȀÁ	ΕÁ	ΕÁ	ΕÁ	EÁ	ΕÁ	EÁ	Ġ Á
; fuxy "%##	FÌ Á	̀ȀÁ	FI Á	HÌÈJÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	HÎ Á
; fUXY '&∕∰	FΪ Á	̀ȀÁ	FÏ Á	̀ȀÁ					НÁ
; fuxy "	ΕÁ	ΕÁ	FFÁ	ЫÈЭÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	Ġ Á
; fuxy "(##	ΕÁ	ΕÁ	GHÁ	ÍIÈÌÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	I GÁ
; fuxy ") <i>#</i> #	ΕÁ	ΕÁ	FÌ Á	ΪÍÈŒ€Á	ΕÁ	ΕÁ			ΘÁ
; fuxy **##	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ			FGÁ
5```; f U XYg∰	ÎJÁ	HHÈ GÁ	JÌ Á	ΙÌÈEΙÁ	GÎ Á	FŒÏÍÁ	FFÁ	ÍÈUÁ	O€IÁ

	CfU`@Ub[iU[Y` BiaVYf`UbX`DYfWYbHU[Y`cZGhiXYbhg`Uh9UW(`DYfZcfaUbWY`@/jY`Zcf`5```GhiXYbhg`								
; fUXY	@⁄j	λ.(.	@⁄j	Υ., .	@⁄j Y`&		@/j	Υ.%	HchU∵Bia VYf`cZ
@/j Y`		Ι.		Ι.		Ι.		Ι.	Ghi XYbhg ⁻
; f uxy "? ##	FÍ Á	ÍHĚÏÁ	ΕÁ	EÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	Ġ Á
; fUXY "%##\	GÍ Á	ÎJÈIÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	HÎ Á
; fuxy`& /#\	FJÁ	ÍÍÈÌÁ	FFÁ	HQÈHÍÁ	EÁ	EÁ			НÁ
; fuxy"	EÁ	ΕÁ	FHÁ	ΙÎÈΗÁ	EÁ	EÁ	ΕÁ	EÁ	Ġ Á
; fuxy '(##	FJÁ	ÀEÍI	FÌ Á	ΙŒÈÎÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	I GÁ
; fuxy ") <i>#</i> #	ΕÁ	ΕÁ	FI Á	À HÍ ÍÌ	ΕÁ	ΕÁ			ΘÁ
; fuxy **##	ΕÁ	ΕÁ	ΕÁ	ΕÁ					FGÁ
5```; fUXYg∰	F€GÁ	̀ȀÁ	ΪΙÁ	HÎÈĞÄ	ŒÁ	F€ÈGJÁ	ΕÁ	ΕÁ	O€IÁ

	K f]hhYb`@Ub[iU[Y` BiaVYf`UbX`DYfWYbhU[Y`cZGhiXYbhg`Uh9UW\`DYfZcfaUbWY`@YjY`Zcf`5```GhiXYbhg`								
; fUXY	@⁄j	λ.(.	@⁄j	Υ., .	@⁄j	Υ.જ.	@/j	Υ.%	HchU`Bia VYf`cZ
@/j Y`		Ι.		Ι.		Ι.		Ι.	Ghi XYbhgʻ
; fUXY '?#\	FGÁ	ΙŒÈÎÁ	ΕÁ	EÁ	FGÁ	ΙŒÈÎÁ			Α̈́Đ
; fuxy °%	FÍ Á	ΙFĒÏÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	HÎ Á
; fUXY`& ∰\	FÏ Á	̀ȀÁ	FHÁ	À EÉI ÍH	ΕÁ	ΕÁ			ΗÁ
; fuxy'' ##			FFÁ	НЩÈЭJÁ	EÁ	ΕÁ	ΕÁ	ΕÁ	Ġ Á
; fuxy '(##\	EÁ	ΕÁ	FÌ Á	ΙŒÈÎÁ	EÁ	ΕÁ	ΕÁ	ΕÁ	I GÁ
; fUXY') ##	ΕÁ	ΕÁ	FI Á	íì ÈHÁ	ΕÁ	ΕÁ			G Á
; fUXY **#	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	ΕÁ	FGÁ
5```; fUXYg∰	ÍΗÁ	GÍ ÈÌ Á	ΪGÁ	HÍÈGJÁ	ÍÎÁ	ĠĖÍÁ	GHÁ	FFÈGÏ Á	ŒIÁ

	@ighYb]b[ˈ8 ca U]bˈ Bia VYfʻUbX`DYfWYbhU[Y`cZGhiXYbhg`Vm8 ca U]b`DYfZcfa UbWY`@/jY`Zcfʻ5```GhiXYbhgʻ								
;fUXY` @YjY``	K Y``8 Y	j ƳcdYX [.]	Gca Yk\ Uh	#AcXYfUhY`mi	6 Y[]I	ob]b[·	HchJ`Bi a VYf`cZ Ghi XYbhg`		
; f UXY '?#\	ŒÁ	Ï FÈ HÁ	EÁ	ΕÁ	ΕÁ	EÁ	Ġ Á		
; fUXY '%#	HFÁ	ìÎÈFÁ	EÁ	ΕÁ	ΕÁ	EÁ	HÎÁ		
; fUXY '&∰	G H Á	îïÈíÁ	FFÁ	HOÈHÍÁ			ΗÁ		
; fuxy''	ΕÁ	ΕÁ	FÍ Á	ÍHĚÏÁ	ΕÁ	EÁ	Ġ Á		
; fUXY '(##\	ŒÁ	̀ȀÁ	FJÁ	ΙÍΕ̈́ЭÁ	ΕÁ	EÁ	I GÁ		
; fUXY ') ##	FGÁ	̀ȀÁ	FFÁ	ΙÍÈΗÁ	ΕÁ	EÁ	ΘÁ		
; fUXY ** ##	ΕÁ	ΕÁ	EÁ	ΕÁ	EÁ	ΕÁ	FGÁ		
5```; fUXYg∰	FŒ	ÍJÈFÁ	ΪGÁ	HÍ ÈGJÁ	FFÁ	ÍÈUÁ	G€I Á		

	GdYU_]b[ˈ8 ca U]bˈ BiaVYf`UbX`DYfWYbhU[Y`cZGhiXYbhg`Vm8 caU]b`DYf2cfaUbWY`@/jY`2cf`5```GhiXYbhg`								
;fUXY` @YjY`	K Y``8 Y	j ƳcdYX [.]	Gca Yk∖Uh	AcXYfUhYmi	6 Y[]I	ob]b[·	HchJ Bi a VYf cZ Ghi XYbhg		
; f uxy "? ##	ΕÁ	ΕÁ	FÎ Á	ÍΪÈΕΙÁ	ΕÁ	ΕÁ	GÌ Á		
; fuxy °%#	FÏ Á	ΙΪÈGÁ	FJÁ	ÍŒËÌÁ			HÎ Á		
; fUXY`& ∰	FÌ Á	ÍŒÙΙÁ	FHÁ	À ĐÍ ÍH	ΕÁ	ΕÁ	НÁ		
; fuxy''	FHÁ	ΙÎÈΗÁ	FHÁ	ΙÎÈΗÁ	ΕÁ	ΕÁ	GÌ Á		
; fuxy '(##	G Á	ÍJĚGÁ	FÎ Á	HÌÈF€Á	ΕÁ	ΕÁ	I GÁ		
; fuxy ') ##	FHÁ	ÍΙÈΪÁ	FFÁ	ΙÍÈΗÁ			G Á		
; fuxy **#	FFÁ	JFĒÏÁ	ΕÁ	ΕÁ			FGÁ		
5```; fUXYg∰	F€ÏÁ	ÍŒÈÍÁ	ÌJÁ	IHĒHÁ	EÁ	EÁ	O€IÁ		

	FYUX]b[ˈ8 ca U]bʿ Bia VYfʿUbXʿDYfWYbhU[YʿcZGhi XYbhgʻVm8 ca U]bʻDYfZcfa UbWYʿ@⁄jYʿZcfʻ5 ```Ghi XYbhgʻ								
; fUXY [·] @⁄j Y [·]	K Y``8 Y	j ƳcdYX [·]	Gca Yk∖UH	#AcXYfUhYmi	6 Y[]Ł	pp]p[.	HchJ Bi a VYf cZ Ghi XYbhg		
; f ∪XY '?∰	FFÁ	ЫÈЭÁ	FÎ Á	ÍΪÈΕΙÁ	ΕÁ	ΕÁ	Ġ Á		
; fuxy "%##	FÏ Á	ΙΪÈGÁ	FHÁ	HÎ ÈFÁ	ΕÁ	ΕÁ	HÎ Á		
; f uxy`& /#\	G Á	ÎΙËFÁ	ΕÁ	ΕÁ	EÁ	EÁ	ΗÁ		
; f uxy" ##	ΕÁ	ΕÁ	FÏ Á	΀ËFÁ	EÁ	EÁ	Ġ Á		
; f uxy "(##	ΕÁ	ΕÁ	Ġ Á	îî∄ïÁ	EÁ	EÁ	I GÁ		
; fuxy ") <i>#</i> #	ΕÁ	ΕÁ	ŒÁ	Ì H Ì HÁ	ΕÁ	ΕÁ	G Á		
; fuxy ** ##	ΕÁ	ΕÁ	ΕÁ	ΕÁ	EÁ	ΕÁ	FGÁ		
5```; fUXYg∰	ÍJÁ	ĠÈGÁ	F€ÏÁ	ÍŒÈÍÁ	ΗÌÁ	FÌÈHÁ	ŒIÁ		

	K f]h]b[ˈ8 ca U]bˈ Bia VYfʻUbXʻDYfWYbhU[YʻcZGhiXYbhgʻVm8 ca U]bʻDYfZcfa UbWYʻ@∕jYʻZcfʻ5```GhiXYbhgʻ							
; fUXY` @YjY`	K Y``8 Y	j ƳcdYX [·]	GcaYk\Uh	AcXYfUhYmi	6 Y[]I	ob]b[·	HchU`Bia VYf`cZ GhiXYbhg`	
; fUXY '?∰	ŒÁ	Ï FÈ HÁ	EÁ	ΕÁ			À Ð	
; fUXY *%#	ΕÁ	EÁ	ďÁ	ΪÍÈŒ€Á	ΕÁ	ΕÁ	HÎ Á	
; fuxy`& /#\	FGÁ	HÍ ÈGJÁ	G A	ÎIËFÁ			ΗÁ	
; fuxy" ##	ΕÁ	EÁ	FJÁ	îïÈîÁ	ΕÁ	ΕÁ	À Ð	
; fuxy (##	FÍ Á	HÍ È FÁ	FJÁ	ΙÍΕ̈́ЭÁ	ΕÁ	ΕÁ	I GÁ	
; fuxy ") <i>#</i> #	ΕÁ	EÁ	FÎ Á	ÎÎĦÏÁ			А́В	
; fUXY **#	ΕÁ	ΕÁ	FFÁ	JFĒÏÁ	-	-	FGÁ	
5```; f U XYg∰	ÎΪÁ	HGÈÌIÁ	FGGÁ	ÍJÈÈ€Á	FÍ Á	Ϊ ℍ Α	G€I Á	

7 cbWi g]cbg'VUgYX'cb'H]g'XUHU.'

%" Óæ-^å/n[; Ár@ ÁðŠÚŒÐÁn Ì Ã /n[-Ár@ ÁЊÁn č å^} or Áræ/n^ç^|ÁrHn[ç^; æ||ŒÁÁ

GW cc`'UbX'Ghi XYbhDYfZcfa UbWY'8 UtU'

Ghi XYbhDcdi `Uh]cb`

V@āÁ^&qā[}Á,¦[çãã^•Áş,-{¦{æqā[}Ásæà[čóko@Á&@[[qnÁcčå^}óÁ;[]č[æqā[}ÈÁ

&\$%+!% 'Ghi XYbhDcdi 'Uh]cb'

HcHJ[·] 9bfc"a Ybhi) & ···

GcWjcYWcbca JWU`m 8]gUXj UbHU[YX

*-"-1 ...

9b[`]g\` @**′U**fbYfgʻ

(&'*ı ...

:cghYf` Mcih\`

V@a Áan Áa@ Áa[cæ þÁ, ˇ{à^¦Áị.-Á • c'å^}o•Á^};[∥^åÈÁ

&\$%-!% '9bfc``a Ybh'zcf'5```Ghi XYbhg#Ghi XYbh; fci d'									
Ghi XYbh; fci d'HchU'DYfWYbhU[Y									
9b[`]g\	C GÍ Á	ΙŒΪÃÁ							
<ca th="" ƴygg∰<=""><td>GÁ</td><td>€ÌÌÃÁ</td></ca>	GÁ	€ÌÌÃÁ							
GcV¶cYWcbca]WU`mi8]gUXj UbHJ[YX∰	HÎ JÁ	ÂÃĠĹÎ							
Ghi XYbhgʻk]h\ '8]gUV]`]h]Yg///	H Á	ÎÈÃÁ							

9bfc՝՝a YbhVmFUWY#9h b]W]hmi					
Ghi XYbh; fci d'HchU'DYfWYbhU[Y					
5. 2 7] WU b [·] 5a Yf] WU b [∰]	HÁ	€ÌÃÁ			
5 g] U b ∰	HÁ	€ÌÃÁ			
<]gdUb]W∰	ΙÌ€Á	J€ÌÃÁ			
Hk c'cf'A cfY'FUWYg∰	HÁ	€ÌÃÁ			
K\]hYÁÁ	HÎ Á	ÎÈÃÁ			

7 cbWi g]cbg VUgYX cb h]g XUHJ.

% Óæ ^å/i } Ac@ Aaæ Aaæ

GW cc 'UbX'Ghi XYbhDYfZcfa UbWY'8 UhU'

Cj YfU`'DYfZcfa UbWY'

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

9b[`]g\ '@YUfbYf'Dfc[fYgg'

Þ[ÁÚ^¦-{¦{ æ}&^ÁÔ[|[¦ÁÁÁ

% Y @\$^Á; c@\Á\$; å &Bæe[|•Á\$; Á\$@ Á; læ) *^ÊÉÓ^æ{ ^|Á@æ ÁæÁ d^} * c@Á\$, Á`•] ^}•ã[} Áææ^ʸ @&@ás Á\$, Á` |^^} ÈÁ

GW cc`'UbX'Ghi XYbhDYfZcfa UbWY'8 UtU'

5 WUXYa]WDYfZcfa UbWY 9b[`]g\ '@Ub[i U[Y'5 fhg'

V@^Á,^¦-{¦{ æ}}&^Á^;ç^|•Áæ}^Á&[|[¦Ë&[å^åÁæ)åÁæ)*^Á¦[{Á|;^•dЁ(Ë@)® @•o4,^¦-{¦{ æ}}&^Á\$,Ás@^Á;||[¸ã,*Á;¦å^¦KÁ

Š[¸^•oÁ Ú^¦-{¦{æ}}&^Á











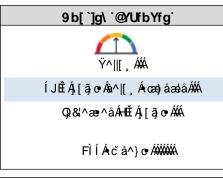
Pãr @•oÁ Ú^¦-{¦{æ}}&^Á

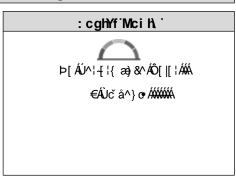
V@āÁ^&@ā[}Á|:[çãã^•Á,~{à^!Á;~Ácčå^}oÁ;![ˇ]•ÁŞÁ^æ&@ÁS[[[ˈÈÁ

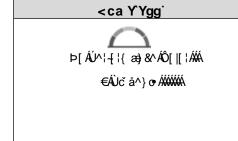
	&\$%, ∵: U``8 Ug\ Vc L	/fX'9b[`]g\`@Ub[iU[Y'5	fhgʻ9ei]hmiFYdcfhi	
FYX	CfUb[Y'''	MY`ck '''	; fYYb	6`i Y
€₩	G₩Á	F₩	€ÁÁÁ	€₩

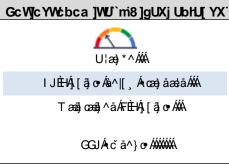
&\$%, : U``8 Ug\ VcUfX'9 b[`]g\ `@Ub[i U[Y'5 flg`DYfZcfa UbWY'Zcf'5```Gli XYblg#Gli XYbli; fci d`













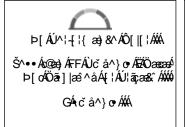
&\$% ': U``8 Ug\ VcUfX'9b[`]g\ '@Ub[i U[Y'5 fhg'DYfZcfa UbWY'VmFUWY#9h\ b]WJmi

Þ[ÁÚ^¦-[¦{æ)&^ÁÔ[|[¦ÁÁÁ Š^••Ás@æ)ÁFFÁÙČå^}orÁÄÖæææ Þ[ơŐðā]|æê^åÁ[¦ÁÚ¦āçæ&AÁÁÁ GÁCČå^}orÁÁÁ

5 **Z** 1 WUb '5 a Yf 1 WUb '

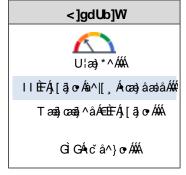
Þ[ÁÚ^¦-[¦{ æ}, &^ÁÔ[|[¦ÁÁÁ €ÁÙc"å^}orÁÁÁÁÁÁ

5 a Yf | WUb '=bX | Ub '



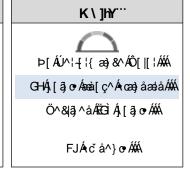
5 q1Ub...











V@ Á^&@ Á^&@ Á &@ [|qÁ,^|-[|{ æ} &^ Áæ Á; æ] ^ Á —ÂÛ č å^} œ ÓŒ •^••{ ^} œ Á; œ Á; œ Á; æ Á æ Á; æ Á &@ [|qÁ,^|-[|{ æ} &^ É+]^ & & & É+]^ & & & Á; œ Á; e Á @ Á & @ [|qÁ, ^|-[|{ æ} &^ É+]^ & & & A & @ A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & & A & A & & A

8\$% : U``8 Ug\ VcUfX'9b[`]g\ '@Ub[i U[Y'5 fhg'8 UhU'7 ca dUf]gcbg'Zcf'9b[`]g\ '@/UfbYfg'

7 iffYbh9b[`]g\'@/UfbYf'
F€ÏÁ,[ã, orÁà^ [,Árcan)åæååÁÁÁ
Ö^& āj^å#ÉE#.[ājæ#.
F€HÁIČ å^} o•ÁÁÁ

FYWUgg]ZJYX'9b[`]g\ '@/UfbYfg'
€Á,[ã, ơ Áà^ [, Á cæ) åæ åÁÁÁ
Ѻ&'^æ^åÆFÐÁ[ãœЖ
Ì GÁ ở å^} ơ ÁÁ

9b[`]g\	
ĺÈÁ,[ã, ơ Áà^ [¸Á cæ) åædåÁÁÁ	
Tæajoæaj^åÆËAj[ājo∙ÁÁÁ	
F€IÁncčå^}orÁÁ	

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

"Uç^\a|Ênc å^\o ÁæóÓ^æ ^\ÁæÁ© Áu\a) *^Ánç^\ÁB ÁÒŠŒæ åÂn^&A, aÁEÀ åAên Á; [ā, o ÉÀUc å^\o Áæç^\a*Anî ÈHÁ] [ā, o Áan) o Áæç^\æ*AåAnî ÈHÁ] [ā, o Áan) o Áæç^\a*Anî ÈHÁ

<mark>&"</mark> Ò}*|ão@É^æ}^¦•Áāj&¦^æ•^åÁa^ÁnÉÉÁ;[ājo•Áæ)åÁæb^ÁæoÁo@ÁŸ^||[¸Ánç^|ÉA^oÁæb^ÁJÉÁ;[ājo•Áa^|[¸Áaœa)åæbåÉÁÁ

GW cc`'UbX'Ghi XYbhDYfZcfa UbWY'8 UtU'

5 WUXYa]WDYfZcfa UbWY A Uh Ya UhjWgʻ

V@^Aj^\;{;{ æ} &^Af^ç^|• Áæd^Á&[|[; Ë&[å^å Áæ) å Áæ) *^Á;[{ Á[, ^• dĒ; Ë@# @• dAj^;;{;{ æ} &^Áş Ás@ Á; ||[, ā; * Aj; å^; kÁ

Š[¸^•ơÁ Ú^¦-{¦{æ}&^Á











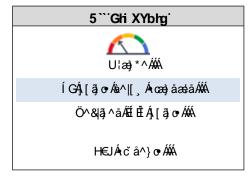
Pā*@•oÁ Ú^¦-{¦{æ}}&^Á

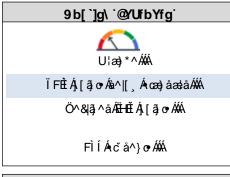
V@āÁ^&@ā[}Á|:[çãã^•Á,~{à^!Á;~Ácčå^}oÁ;![ˇ]•ÁŞÁ^æ&@ÁS[[[ˈÈÁ

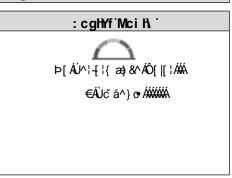
	&\$% ': U``8 U	g\VcUfX`AUN\YaUn]Wg`9	ei]lmiF Ydcfh	
FYX	CfUb[Y'''	MY`ck '''	; fYYb	6`i Y'''
€₩	HÁÁ	€₩	€₩	€₩

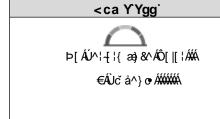
V@ā Á^&aā}}Á; [çãå^•Áæáç㸠Á; ÁÙčå^}ớŒ•^••{ ^}ớÜ^•^• [ơ Áæ)åÁ; c@¦Áæ•]^&ơ Á; Áœã Áæ@[[qÁ,^¦-[¦{æ)&^Ê+]^&ãææa|^Á
@¸Á¸^||Ác²å^}ơ Áæ⁄Á; ^^æð; Ár ¦æå^Ё^; Ç^|Ácæ)åæåå•Á;}Ác@ÁTææ@{ææãeÁæ•^•••{ ^}æÃæ Áæ, ^}œÁ; ^æ*¦^Áæ Áææ^åÁ;}Ácæ Áæ;}
]^¦-[¦{æ)&^Á;}Ác@ÁÙ{æċơ¦ÁÓæææ)&°åÁÙ*{{ææãç^ÁŒ•^••{ ^}œÃ; Œæ@Áæ Áæà^}Áæ}}*æå^Áæ£ÉÁ

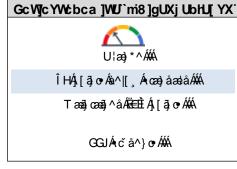
&\$% ': U``8 Ug\ VcUfX'A Uh\ Ya Uh]Wg'DYfZcfa UbWY'Zcf'5``'Ghi XYbhg#Ghi XYbhi; fci d'

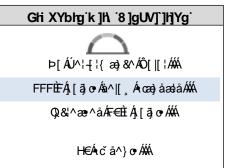












8\$% : U``8 Ug\ VcUfX'A Uh\ Ya UhjWg'DYfZcfa UbWY'VmiFUWY#9 h\ b]Wjhmi

5 Z]WUb 5 a Yf]WUb

Þ[ÁÚ^:-[-:{ æ) & ^ÂÔ[||: ÁÁÁ Š^•• Ás@e) ÁFFÁÙ čå^} ♂ ÁÉÖæææ Þ[ơŐði] |æê ^åÁ[: ÁÚ: ã;æ&? ÁÁÁ GÁ-čå^} ♂ ÁÁÁ

5 a Yf]WUbʻ=bX]Ubʻ

Þ[ÁÚ^\-{-{{aa}}&^AÔ[|[¦ÁÁÁ €ÂÙc°å^}o•ÁÁÁÁÁ

5 g]Ub'''

Þ[ÁÚ^¦-[;{æ;&^ÁÔ[;[;;ÁÁÁ Š^••Án@æ;ÁFFÁÙCå^}orÆÄÖæææÁ Þ[ơÄÖã]|æî^åÁ[;¦ÁÚ;ā;æ&îÁÁÁÁ GÁcå^}orÁÁÁ

:]`]d]bc`

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[∥;ÁÁÁ €ÂÙc°å^}orÆÁÁÁÁ

<]gdUb]W



Í JĚÁ,[đơÁs^|[¸Ácæ)åæåÁÁÁ Ö^&|ð^åÁĒĖĆÁ,[đơÁÁ

GÌ GÁ c å^} c• ÁÁÁ

Hkc'cf'AcfY'FUWYg'

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[|[¦ÁÁÁ Š^••Ás@a}ÁFFÁÙčå^}ơÆÆÆ Þ[ơŐã]|æ^åÁ{¦ÁÚ¦ãçæ&ÂÁÁ GÁcå^}ơÁÁÁ

DUMZW=g`UbXYf`

Þ[ÁÚ^¦-{¦{ æ} &^ÁÔ[∥[¦ÁÁÁ €ÁÙc å^}o ÁÁÁÁÁÁ

K\]HY...

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[|[¦ÁÁÁ F€ÌÈÁ][ð]orÁæò[ç^Áræò]åæååÁÁ Ö^&|ð]^åÁÈÈÌÈÁ][ð]orÁÁÁ

FJÁc å^} œ ÁÁÁ

V@\$ Á\^&c@\$ \A\&c@\$ \A

&\$% : U``8 Ug\ VcUfX'A Uh\ Ya Uf]Wg'8 UhU'7 ca dUf]gcbg'Zcf'9 b[`]g\ '@/UfbYfg'

7 i ffYbh9b[`]g\ '@/UfbYf'

F€ÈHÁ[đ̞ဇÁs^|[¸Ácæ)åæåÁÁÁ Ö^&jā^åÁÉÈÁ[đ̞ဇÁÁ

F€HÁncčå^}o•ÁÁÁ

FYWUgg]Z]YX'9b[`]g\ '@/UfbYfg'

HÎ È HÁ [ð] O ÁB^ [¸ Á Cæ) åæ bå ÁÁÁ Tæð, cæð, ^å ÁFÈ Á [ð] O ÁÁÁ

ÌGÁnc å^}o•ÁÁÁ

9b[`]g\ 'Cb`m

GJÈÁ,[đ, oÁà^|[, Áa; åæ; åæ;å;ÁÁ Ö^&|a,^å;ÆÈÁ,[a, o;ÁÁ

F€IÁrčå^}æÁÁ

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

&" Ùc å^} o Á ãc@Ásã æà ãããð • Ás &!^æ ^å ÆF€Ì Á,[ã o ÞÁ√@ã Á;[ˇ] Æ ÆFFÁ,[ã o Æ\][Ácæ) åæ åÁà oÁ æà ã * Á;[* ¦^•• ÞÁÁ

GW cc`'UbX'Ghi XYbhDYfZcfa UbWY'8 UtU'

5 WUXYa]WDYfZcfa UbWY 9b[`]g\ '@YUfbYf'Dfc[fYgg'

 $V@s \acute{A} \wedge \&c \ddot{a} \} \acute{A} : [\c c \ddot{a} \wedge \bullet \acute{A} + \acute{A}$

&\$% ': U``8 Ug\ VcUfX'9 b[`]g\ '@Ub[i U[Y'DfcZ[W]YbWhi5 ggYgga Ybhg'Zcf'7 U]Zcfb]UF Ygi `hg'

Bi a VYf cZ Ghi XYbhg	@/j Y`(` K Y`` 8 Yj Y`cdYX`	@∕j Y`" ` A cXYfUhY`m 8 Yj Y`cdYX`	@/j Y`&` Gca Yk \ Uhi 8 Yj Y`cdYX'	@/j Y`% 6 Y[]bb]b[` GHJ[Y`
G€I ÁÁÁ	HHÈÃÁÁÁ	ΙÌÃÁΚΑ	FŒÎÃÁMÁ	ÍÈÃÁÁÁ

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

&" ÒŠÁc ở å^} ơÁ; | *¦^••ÁS, ÁÒŠŒÁS, &¦^æ•^åÁn HĚÁ,[ã, o ÉAs@áÁ; | ˇ]ÁSÁJÈÁ,[ã, o ÁA^|[, Ácæ) åæ åĚÁÁ

^{&#}x27;"ÒŠÁcčå^}ơÁ¦[*¦^••ÁŞÁ;æœ@Áå^&¦^æe^åÊÁcčå^}œÁæb^ÁHĚÁ;[ðjœÁà^|[¸Ácæ)åæbåÈÁÁ

GW cc "UbX"Ghi XYbhDYfZcfa UbWY'8 UHJ

5 WUXYa]WDYfZcfa UbWY 7 c"Y[Y#7 UfYYf"

Š[¸^•αÁ Ú^¦-{¦{æ}&^Á	Ü^åÁ	U¦æ)*^Á	Ÿ^ [¸ Á	Õ¦^^} Á	Ó ˇ^Á	Pãt@o•oÁ Ú^¦-{¦{æ}}&^Á
/@áÁn^&ca[}Á,¦[çãã√	^•Á, ઁ{ à^¦Á, Á,c	íå^}oÁt¦[ĭ]•Á§A∕æ	&@\&[[¦ ` E\			
	8	%\$% ՝։ Մ`՝8 Ug\ Vc Լ	JFX'7c``Y[Y#7UFY	Yf 9ei]lmiF Ydcfl	ń	
FYX	Ct	fUb[Y'''	MY`ck '''	; fYY	o	6`i Y'''
/@a^Ái^&ca[}Áj¦[çaã/ Ô[∥^*^EĐÔæ}^^¦ÁQâ		}Án@^Á,^¦&^}æe*^Á,	-Á@21 @Á-&@[Át¦æá	à`æe^•Á, @(Ásde^Á), a	æ&∧åÁ§Ás@ÁÄÚ¦	^]æt^åÄÁ(^ç^ Á()}Áx
	&\$% ՝: ሆ`՝	8 Ug\	[Y#7 Uf YYf 'Zcf '5 ``	Ghi XYbhg#Ghi XY	bh; fci d	
5```G	ri XYbhgʻ	9	b[`]g\`@YUfbYfg	•	: cghYf	Mcih'
<ca< td=""><td colspan="2"><ca td="" yygg˙<=""><td>oca]WU`mi8]gUXj</td><td>MPHT AX.</td><td colspan="2">Ghi XYbhgʻk]h\ '8]gUV]`]h]Ygʻ</td></ca></td></ca<>	<ca td="" yygg˙<=""><td>oca]WU`mi8]gUXj</td><td>MPHT AX.</td><td colspan="2">Ghi XYbhgʻk]h\ '8]gUV]`]h]Ygʻ</td></ca>		oca]WU`mi8]gUXj	MPHT AX.	Ghi XYbhgʻk]h\ '8]gUV]`]h]Ygʻ	
	&\$ °	% ՝: ሆ`՝8 Ug\ VcUf)	('7 c``Y[Y#7 UfYYf	'VmFUWY#9h\b]V	l mi	
5 2 f] WU b [·] 5 a Y	f]WUb	5a Yf]WUb [·] ≢bX]U	p.	5 g] U b		:]`]d]bc
<]gd U b]	W	Hk c cf AcfYFW	₩g [·] DU	MjZjW =g`UbXYf`		K\]hY
.~	^•ÁsaÁçã^, Á; Ás@o	Á,^¦&^}oA,A^cčå^}o	• Á ,^¦Á^æÁo@æÁ`	æ†ã^Áæ•ÁÞ[ơÁÚ¦^]a	æ∳^åÆÄOE[]¦[æ&k	@aj*ÁÚ¦^]æ∜^åÊ\$æ)å
/@a>A^&ca[}A]¦[çaa∂ Ú¦^]æb^åÈÁ						
/@miA^&ca[}A];[çaā/ Ú¦^]æb^åÈÁ	8\$ %	; : U``8 Ug\ VcUfX`	7 c``Y[Y#7UfYYf''	!MYUf DYfZcfa U	b W Y	
Ú¦^] æ}^åÆ	&\$% `cZ&\$%	: U``8 Ug\ VcUfX`	7 c``Y[Y#/UfYYf'' 7`UggicZ&\$%+i	!MYUf`DYfZcfa U	bWY [*] 7`Uggʻc	Z&\$% [·]
Ĵ¦^] æ\^åÆ\ 7`Ugg 'Df\			<u>-</u>		7`Uggic 'DfYd	. Z&\$%

%"

GW cc`'UbX'Ghi XYbhDYfZcfa UbWY'8 UtU'

5 WUXYa]W9b[U[Ya Ybh 7\fcb]W5 VgYbhYY]ga

V@^Aj^\-{;{ æ} &^Af^ç^|• Áæd^Á&[|[¦Ë&[å^å Áæ) å Áæ) *^Á;[{ Á[¸^• dĒ[Ë@ð @ • oÁ,^;-{;{ æ) &^Áş Ác@ Á[|[¸ã] * Á;¦å^;kÁ

Š[¸^•αÁ Ú^¦-{¦{æ}}&^Á











Pãr@•oÁ Ú^¦-{¦{æ}}&^Á

V@āÁ^&@ā[}Á|:[çãå^•Á;~{à^¦Á;~Ácčå^}oÁ;|[ˇ]•Á\$JÁ?æ&@Á\$[|[¦ÈÁ

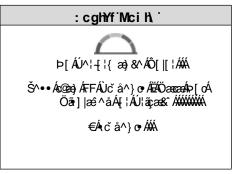
	&\$% ': U``8 Ug\ Vc	UfX ⁻ 7 \ fcb]W5 VgYbhYY]	ga '9ei]hmFYdcfh	
FYX	CfUb[Y'''	MY`ck '''	; fYYb	6`i Y
€₩	í Á	€₩	€∰	€₩

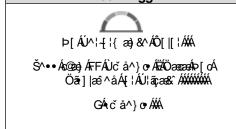
V@nÁn^8ca[}Á];[çanô^•Án]-[;{ acca[}Ácaò[ĭ cÁc@Á]^;8^}cæt^Á[-Án*c*å^}o•Án]á,å;å^;*æto^}Ác@[**@Á*;ænå^ÂiÁ; @;Ácaò^Ácaò•^}oÁF€Á]^;8^}oÁ;Á[;^Á[;^Án,Ác@Án]•d*8ca[}acáà•Ácæò•Án@^Á;^i^Án];[||^åÈÁ

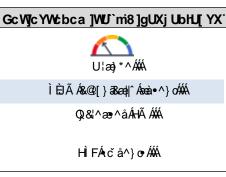
&\$%, ': U``8 Ug\ VcUfX'7\ fcb]W5 VgYbhYY]ga 'Zcf'5```Ghi XYbhg#Ghi XYbhi; fci d'

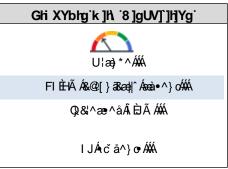












&\$% : U``8 Ug\ VcUfX'7\ fcb]W5 VgYbhYY]ga 'VmiFUWY#9 l\ b]VIJmi

5 **Z**f]WUb '5 a Yf]WUb '

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[|[¦ÁÁÁ Š^••Ás@æ}ÁFFÁÙCå^}orÁÄÖæææÁ Þ[ơÁÖā]|æî^åÁ(¦¦ÁÚ¦āçæ&â`ÁÁÁÁ HÁncå^}orÁÁÁ

5 a Yf]WUb '±bX]Ub'

Þ[ÁÚ^¦-{¦{æ}&^ÂÔ[|[¦ÁÁÁ Š^••Áo@a}ÁFFÁÙċå^}ơÆÄÖæææÉ Þ[ơÄÕã]|æê^åÁ{¦ÁÚ¦ãçæ&ÂÁÁ €Ácå^}ơÁÁ

5 g]Ub'''

Þ[ÁÚ^¦-{¦{æ}&^AÔ[|[¦ÁÁÁ Š^••Án@e)ÁFFÁÙcå^}orÆÖÖæææé Þ[ơÑã]|æ^åÁq¦ÁÚ¦āpææ£ÁÁÁ HÁcå^}orÁÁÁ

:]`]d]bc`

Þ[ÁÚ^¦-[¦{æ},&^ÁÔ[|[¦ÁÁÁ Š^••Ás@æ),ÁFFÁÙCå^};•ÆÄÖæææÁ Þ[ơÄÖā]|æê^åÁ[¦ÁÚ¦āçæ&âÁÁÁ €Ácčå^}•ÆÁÁ

<]gdUb]W



IÌJÁcčå^}œÁÁÁ

Hkc'cf'AcfY'FUWYg'

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[|[¦ÁÁÁ Š^••Áo@e}ÁFFÁÙčå^}ơÆÄÖæææÉ Þ[ơÄÕã]|æ^åÁ{¦ÁÚ¦ãçæ&ÂÁÁ ÎÁcå^}ơÁÁ

DUWJZJWI=g`UbXYf'

Þ[ÁÚ^¦-[¦{æ},&^ÁÔ[|[¦ÁÁÁ Š^••Ánô@},ÁFFÁÙCå^};•ÆÖæææé Þ[ơÖã]|æê^åÁ[¦ÁÚ¦ā;æ&?ÁÁÁ €Ácå^};•ÁÁ

K\]hY...



ÎÈĂÁ&@[}&&#|^Á&æ•^}ơÁÁ Q&!^æ•^åÂÈĂÁÁ

HHÁn čå^}o•ÁÁÁ

7 cbWi g]cbg'VUgYX'cb'h]g'XUhU.

% ÏÈHÃÁ; -Ác å^} œÁsd^Á&@[} &Bæd|^Ásæà•^}dÖMDHÁ`à*¦[`]•Áæd|Ás; qfÁs@AU¦æ)*^Á\ç^|ÈÁÁ

GW cc "UbX"Ghi XYbhDYfZcfa UbWY'8 UHJ

5 WUXYa]W9b[U[Ya Ybhi ; fUXi Uh]cb'FUhY'

V@Á,^\-{\{ a} &^Á\c,c^\|•Ásd^Á&[|[\BZ|å^åÁsa)åÁaa)*^Á\[{ Á[, ^•dE; E@@ @ •dA,^\-{\; { a} &^Á; Ác@ Á; ||[,]; } *Á;\å^\HÁ

Š[¸^•ơÁ Ú^¦-{¦{æ}&^Á	Ü^åÁ	U¦æ)*^Á	Ÿ^ [¸ Á	Õ¦^^} Á	Ó ˇ^Á	Pãt@•oÁ Ú^¦-{¦{æ}&^Á
V@áÁr^&ca[}Án¦[çãã/	^•Á, ઁ{ à^¦Á, Á, ở	:å^}oÁt¦[ˇ]•Á§Á\æ	&@\${ ¦À			
	&	\$%, ': Ư``8 Ug\ Vc U	fX'; fUXiUH]cb'F	UhY 9ei]lmiFYd	lcfh	
FYX'''	Ct	fUb[Y'''	MY`ck'''	; f`	YYb'''	6`i Y'''
V@ă.Án^&cā[}Áj¦[çãå/ @ā:@Á.&@[[/ásā] [{a	^•Ásj-{¦{ææāj}Ás æáj¦Ás[{] ^♂Ás@	eà[ĭoÁncĭå^}o•Á&[{ ∄ðiÁt¦æåĭæaā[}Á∧ĭ`] ^ca}*Á@#@Á&@ ´al^{^}o•ÁæcÁæ)Áæ	[[ÉÁ, @3&@Ás,& ĭ eje?¦}æaãç^Án&@[[å^∙Ácčå^}œÁ¸0 ÈÁ	Q Á^&^ãç^Á saÁ œa) åæbåÁ
	&\$% ': U``{	Bug\vcufx; fuxi	Unjcb FUnY Zcf 5	```Ghi XYbhg#Ghi	XYbh; fci d	
5```Gl	i XYblg [·]	9	b[`]g\ '@/UfbYfg	j [*]	: cghY	f`Mcih∖`
<ca yygg<sup="">· GcVJcYWcbca JW</ca>		oca]WU`mi8]gUX	j UbHU[YX'	Ghi XYbhgʻk]	N '8]gW]`]h]Yg'	
	&\$ %	ç ': Մ`'8 Ug\ VcUfX	Σ; fUXi Unjcb FU	hY'VmiFUWY#9h\I	b] W] lmi	
5 Z i] WU b '5 a Y	f]W U b	5a Yf]WUbʻ±bX]U	lb.	5 g] U b		:]`]d]bc`
<]gd U b]\	N	Hk c cf AcfYFU	/ ₩g [·] Di	UW]Z]Wi=g`UbXYf`		K\]H/'''
V@áÁn^&ca[}Án [çaa∂ ^}c^ a]*Ána]c@Ár¦anaå						Áţ~¦Á^æ•Á;-Á
		&\$% ': U``8 Ug\ \	/cufx ⁻ ; fuxi uh]c	b'FUHY'VmiMYUf		
	8\$%+ ```				&\$%	
7 cbWi g]cbgʻVUg\	/X˙cb˙l\]g˙XUhU	ı.				

%"

GW cc`'UbX'Ghi XYbhDYfZcfa UbWY'8 UtU'

7 cbX]h]cbg/ '7`]a UhY' Gi gdYbg]cb'FUhY'

 $V@A_1^{-1}_{+}^{-1}_{+}^{-1}_{+} = 3 \times A_1^{-1}_{+}^{-1}_{+}^{-1}_{+} = 3 \times A_2^{-1}_{+}^{-1}_{+}^{-1}_{+}^{-1}_{+} = 3 \times A_2^{-1}_{+}^{-1}_$

Š[¸^•oÁ Ú^¦-{¦{æ}}&^Á



Ulaa) * ^ Á



Õ¦^^} Á

Óľ^Á

Pãr @•oÁ Ú^¦-{¦{æ}}&^Á

V@āÁ^&@ā[}Á|:[çãã^•Á, { à^¦Á, Á, č å^}oÁ;|[ˇ]•Á§Á æ&@Ás[|[¦ÈÁ

8\$% ': U``8 Ug\ VcUfX'Gi gdYbg]cb'FUhY'9ei]lmiFYdcfli FYX''' CfUb[Y''' MY`ck ''' ; fYYb''' 6`i Y''' €∰\ F∰\ F∰\ G∰\ F∰\

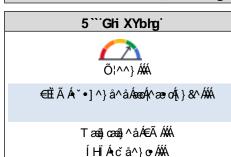
 $V@a^{A_{1}} A_{1}^{A_{2}} [caa^{A_{2}} A_{1}^{A_{2}}] (aaa_{1}^{A_{2}} A_{2}^{A_{2}} A_{2}^{A_{2}}$

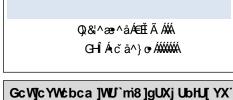
&\$% : U``8 Ug\ VcUfX'GigdYbg]cb'FUhY'Zcf'5``'GhiXYbhg#GhiXYbh; fcid'

9b[`]g\ '@/UfbYfg'

Ÿ^||[*Á*ÁÁ

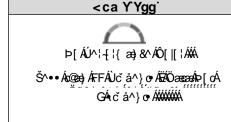
€ÌÀÁÁ* •] ^} å^åÁææÁ\^æ• oÁ;} &^ÁÁÁ







: cghYf 'Mci h\ '







&\$% : U``8 Ug\ VcUfX'GigdYbg]cb'FUhY'VmFUWY#9 h\b]Vyjmi

5 **2**f]WUb 5 a Yf]WUb

Þ[ÁÚ/^\-{-\{ æ) & ^AÔ[|[\#\\ Š^••Án@e) ÁFFÁÙ čå^} o ÆÄÖæææ HÁn čå^} o ÆÆÄÖæææ

5 a Yf]WUb`±bX]Ub`

Þ[ÁÚ^¦-{¦{ æ} &^ÁÔ[∥[¦ÁÁÁ €ÁÙc å^} æ ÁÁÁÁÁ

5 g]Ub...

Þ[ÁÚ^¦-[¦{æ),&^ÁÔ[|[¦ÁÁÁ Š^••Án@e),ÁFFÁÙCå^};•ÆÜÖæææé HÁnCå^};•ÆÜÖæææé

:]`]d]bc`

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[∥¦ÁÁÁ €ÁÙc°å^}œ∕ÁÁÁÁÁ

<]gdUb]W



€ÎÎÃÁ^*•]^}å^åÁæcÁ\æeoÁ [}&^ÁWWWÁ

> Tænājcænāj^å.Á√EÃÁÁÁ IJFÁncčå^}orÁÁÁ

Hkc'cf'AcfY'FUWYg'

Þ[ÁÚ/^¦-{¦{ æ} & ÁÔ[|[¦ÁÁÁ Š^••Án@æ) ÁFFÁÙ č å^} ơ ÆÄÖæææ ÎÁ č å^} ơ ÁÁÁÁÁÁÁ

DUWJZJW=g`UbXYf`

Þ[ÁÚ^¦-{¦{æ}&^ÁÔ[∥[¦ÁÁÁ €ÂÙc*å^}œÁÁÁÁÁ

K\]hY...



GÈÃÁr*•]^}å^åÁnaeÁræeÓA [}&^Á‱∭Á

> Q&\^æ•^åÆÈÈà ÁÁÁ HIÁcčå^} œ ÁÁÁÁÁÁÁ

V@āÁ^&cā} À 1; [cãå^•Ásá¢ā Á Ás@Á^!&^} cæť^Á Ác å^} æ Á °!^Á*•]^} å^åÈÁ

&\$% ': U``8 Ug\ VcUfX'Gi gdYbg]cb'FUhY'VmiMYUf'

8\$ %
€ÈÃÁr`•]^}å^åÁædÁræÁræ•dÁr}&^ÁÁ

8\$%+ ***
€ĬĬÃÁn`*]^}å^åÁnanAnanAn

&\$ %	
€TÏÃÁn`•]^}å^åÁaacAn æeoAj}&^ÁÁÁ	

7 cbWi g]cbg'VUgYX'cb'l\]g'XUlU.

% V@Á·→]^}•ā[}Áæe^Á[¦Á·čå^}o•Á;ão@Áãææàāããã•Áá^&lā;^åÁ;ÈHÃÁ;[çā;*Áā;d;Ác@ÁÓ|`^Á/\ç^|ÈÁÁ

 Y @ *** A ** O ** A *** A *** O *** A *** O *** A *** O *** O

; cUgžGlfUhY[]Ygž/ 'DfcdcgYX'9IdYbX]hifYg'

Ô[{]|^c^ÁxxÁ8[]^Á;~Áx@Á;||[¸ã;*Áxxà|^Á;¦Áxx&@Á;Áx@Á&@[|qrÁ*[zd+ÈÖ`]|3&xxe^Áx@Áxxà|^ÁxxèÁ,^^å^åÈÁ

@95#@75D; cƯ

; cU'%

⇒XYbljZJYX'BYYX'

Uç^¦æ|ÆÓ^æ{ ^¦Ác å^} œ Áå^&¦^æ ^åÁ È Á;[ã œ Á§ ÁT ææ@Á GÁ;[ã œ Áà^|[¸Ácæ) 忦åĚÁUç^¦æ|ÆÁ •c å^}œ ÁæÆÁÓ^æ{ ^¦Áæ}^ÁæÆÁœÆÓ@ÁU¦æ)*^Á/°ç^|Áæ}åÁå^&|ã,^åÁŒÈÁ;[ã,œÁ§ÁÔ}*|ã @ÁŠæ)*`æ*^ÁŒŒ LÁHÎÈHÁ][㠜 Áà^|[¸Ácæ}åæååĚÁÁÁÁÆÁ

5 bbi U'A YUgi fUV'Y'Ci HVca Yg'

T^da&EOD)åa&eæ[¦Á	Óæ•^ ã,^£002&c°æ ÁU°c&[{^Á	Ò¢] ^&c^åÁUˇ c&[{ ^Á
Ù @ Ţ Át [¸ c @ Át } Ás @ ÁO } * ãr @ Á Šæ) * * æ * ^ ÁO E or Ás þ å ÁT æ @ Á O B&æå ^ { & & ÁQ å & & æ [ÞÉ Á Á Á Á Á Á Á Á Á Á Á Á Á Á Á Á Á Á	Ó^æ{ ^ Ás ÁU æ} * ^ Á[} Ác@ Á Öæ @a[æbåÁ[Ás[c@Ás&æå^{ &&Á å å&æ[• ÉÁ ãc@ÁOŠOEÁHÎ ÈHÁ [¾ o Á à^ [¸ Ácæ) åæbåLÁTæc@Á GÁ [¾ o Á à^ [¸ Ácæ) åæbåEÁ	(D)&\^æ^^AOŠOZÁ Á,[];
Ú^ &^} cæt^Á, Ác å^} o•Á, @ Á ^æ&.@Át [, c@Ácæt*^o•Á;} ÁsÜ^æå^Á Ç ^{ ^} cæt^Á &@ [• DÁs) åÁ ÞY ÒOÐÁÇ^&[} åæt^Á &@ [• DÁs) Á Ü^æåð;* Ás) åÁTæc@ÐÁWWÁ	U}ÁBÜ^æå^ÉÁHÎÃÁ;Á+ċčå^}œÁ ¦^æ&@åÁs@đÁ*¦[¸c@Áæ+*^cÁ§Á ÒŠOEɸÁ@A^ÁHFÃÁ;Á+òčå^}œÁ ¦^æ&@åÁs@đÁ*¦[¸c@Áæ+*^cÁ§Á {æ@ÆÁ	l €Ã Á, Án c å^} o Á, á∥Á^æ&@Áo@ áÁ *¦[¸ c@Áœæb*^oÁ§ ÁÒŠOÐÉæb) åÁnÎÃÁ [Án c å^} o Á, á∥Á^æ&@Áo@ áÁ *¦[¸ c@Áœæb*^oÁ§Á, ææ©ÆÁ
Ú^ &^} æ# ^Á -ÁÚ [-^•• ā } æ#Á Š^æ} ā * ÁÔ[{ { ` } āiā • ÁQÚŠÔDÁ o@æ#æ# æ#î : ^Án č å^} oÁ, [\ ÁQÍÁ ā] ^{ ^} oÁa^• oÁ, æ&cāðo • ÞÓÓÓÓÓÁ	Q Ác@ ÁCEFJËCEÁ & Q [Á^ækÁ ^Á ¸ã Á•œæà ã @Ácóàæ•^ ã ^Á[kÁc@Á]^¦&^} æë ^Á[ÁÚ![~••ã[}ækÁ Š^æb}ã * ÁÔ[{ { `}ãæð•ÁcææÁ æ)æf: ^•Ác°å^} cÁ¸[¦\Á[Á ã] ^{ ^} cÁa^• cÁ¸!æ&cã&^• ÈÁ	O EÁnaæ ^ āļ ^ Áj āļ Án ^ Án • cæan ãn @ å ÈÁ

Ô[{]|^</di>Ô[{]|^Á;<td

Glf UhY[n#5 Wf]j]lmi%

Ghi XYbhg'hc 'VY'GYfj YX'Vmih,]g'GhfUhY[n#5 Wjj]hmi

QQâ^}cã^Ã~ãc@\ÁOE|ÁÛcٌå^}o•Á;¦Ã¸^Á;¦Á;[¦^Á;]^Ã&ãã&Ácčå^}cÁ;¦ĭ]•DÁ

OĦÁccå^}c•Á;ālÁs^Ár^¦ç^åÁs^Ác@āÁse&cāçācÈÁÁ

Ùdæe^*^£00E8cãçãcÂ

 $V@[`*@\acute{a}@\acute{a}TV\grave{U})\acute{A};[&^{\bullet\bullet}\acute{E}_{A}^{\acute{A}}^{\acute{A}}]\acute{A};[c; a\hat{a}^{\acute{A}}, d^{\bullet}]\acute{A};[c; a\hat{a}^{\acute{A}}, d^{\bullet}]\acute{A};[c, a\hat{a}], a\hat{a};[a\hat{a}, a\hat{a}]$

àÈP[|åāj*ÁÛÙV•Ása)åÁí€ •ÁqíÁsā^}œã^Ása)åÁse•ãroÁc°å^}orÁcœæÁsd^Ád°**|āj*Ásæ&æå^{&æå^{&æ}}âÁse•ãroÁc°å^}orÁcœæÁsd^Ád°**|āj*Ásæ&æå^{&æå^{&æ}}âÁsæ•^åÁq;}áÄsæ4)åÁgZæd|ÁBÁÙ]¦āj*DÁqíÁsã^}œã^Ád°**|āj*Á^æå^¦•Ásæ•^åÁq;}Á QãÜ^æå^Án&[¦^•DÁqíÁ¦[°]Ác°å^}orÁqíÁsgo°,\$qí}åÁgo°,\$qí}•ÁsjÁfææ©ÆÖŠOŒÁsa)åÁÖŠÖEÁ

åÈÚˇ¦&@æ•^Á;^&^••æt^Á;ææ^¦ãæd•Áæ;åÁ*ĭ]]|ã∿•

^ÈPã^ÁæÁ €Ã ÁVãd^ÁFÁc^æ&@¦ÁsjÁc@Áæc^æÁ ÁTæc@{æã&e

Òã @ ÁÇ €DÁQ `¦•Á[¦Ás, ơ¦ç^}cã[}•Á, ã|Ás^Á;|[çãs^ååás^Á;¦æså^Á/ç^|Á[¦Ás^-[¦^Eæev¦Á;&Q[|ÉÁ

àÈX^¦ca8æqÁadca8xˇ|ææqqī}Áqī&xˇ•āj*Áqī}^Ásq[{][}^}oóqi-ÁnTææc@£Áq;¦Án¢æq[]|^£Át^[{^d^£Aj;|ah/qi|[à|^{•£Á æd*^à¦ææ8kÁnˇ ĕæqqī}•ÊÁq^æe~;|^{^}}dÉquita (à^¦Áæqq)ÁæqìalÁadææædÈ

&ÈÜ^|^æ•^Ácã| ^Ác[Ás[}å* &cÁæ•^••{ ^}• Á

Ú ˈ l & @æe ^ ÁÓ l ãæe) ÁÚ[] Áæe ÁæáÁ *]] | ^ { ^ } cæe ÁÁ; | [* læ { Á[l Ár c'å^ } o• Á

DfcdcgYX'91 dYbX]hi fYg'Zcf'h\]g'GhfUhY[m#5 Wfjj]hmi

Šão OÁc@Áse([ˇ) OĞ DÁSe) åÁˇ) åð; *Áʿ[ˇl&^Ğ DÁ(¦Ác@Á¸l[][•^åÁ^¢]^) åãč¦^•ÈÁÚ]^&ã^Ác@Áˇ) åð; *Á •[ˇl&^Ç DÁ•ð; *Á;}^Á; lÁ; [¦^Á; Ác@Á[||[¸ð; *KÁSÔØØÊÐØ^å^¦æþÁÇAÆØ^å^¦æþÁSa^) cã Ác@Á/ãd^Áse) åÁÚæbŒÉSe Á æð;]|B&æà|^DÉÁUc@¦ÁÚcæe^ÊÁse) åÐ;!ÁS[&æþÉÁ

OE[[* } c	Ù[~\&^@ D Á
II΀€ÁÁÁ	Ù`]] ^{ ^}cæ+E00[}&^}dæa[a}A
F€Î GÏ ÁÁÁ	Ù㺠ÁÖã & ^ cã } æ ^ Á
Í€JŒÁÁÁ	Vãt/^ÁQÁÚædóÆHÁÓæe 88ÁÕ¦æ) 0°ÁŠ[¸ËQ)&[{^Áæ) åÁ Þ^* ^&c^åÁ

Glf UhY[n#5 Wf]j]lmi&

Ghi XYbhgʻhcʻVYʻGYfj YXʻVmjh]gʻGhfUhY[n#5,Wf]j]hmi

QQâ^}cã^Árãc@\ÁOE|ÁÙcå^}o•Á;¦Á;}^Á;¦Á;[¦^Á;]^&ãã&Acåcå^}oÁ;¦[ĭ]•DÁ

OЩÁrčå^}œÁÁÁ

Ùdæe^*^#<mark>15018</mark>cāçācÂ

 $\dot{U}^{\dagger}[-^{\bullet\bullet} \dot{a}] = \dot{a} + \dot{a} - \dot{a} + \dot{a}$

- ED[| ^ A&` | | & EQD^) & @ ad\ Asp a AY [] a^| EXOBa^| as o Asp a AT as asp a a B D
- ËY ¦ãnā * Ándæe^ * ã •
- ËY ¦ã¢^¦•Á, [¦\•Q] Á, ãc@ÁcÁ, & •Á, } Ásã-^¦^} cÁ^} ¦^• ÈÁ

• EÜ^æåā; *Á&[{] |^@}}•ā[}Ándæe^*að•ÁÇ&|[•^Á^æåā; *É(æá)Ásá^æáAsá^æáð; *Á\çãá^}&^Ê dæ)•ãa[}ā; *Á\[{ÁndåÁ;Ác@Á;æå^DÈ

Ô[]ã^•Á[¦Á\$]•d`&aā[}æ†B&[{{`}}ã&æaā[}Á

DfcdcgYX'91 dYbX]hi fYg'Zcf'h\]g'GhfUhY[n#5 Wfjj]hmi

Šão cÁs@ Áæ{ [`} c@ DÁæ} åÁ*¯} åð; *Á·[¯' | &^ @ DÁ[| Ás@ Á, []] [•^åÁ^¢]^} åãč | ^• ÈÁÛ]^&ã^ Ás@ Á`} åð; *Á •[`|&^ @ DÁ•ð; *Á;}^Á; |Á, [|^Á; —Ás@ Á; ||[_, ð; *KÁŠÔØØÊÐØ^å^|æÞÁÇÃÁØ^å^|æÞÁæ^} cæ^Ás@ ÁVæþÁæ} åÁÚæbŒÆæ Á æð;]|&&æà|^DÉÁUc@|ÁÛcææ^ÊÆæ}åÐ; ÅÐ; &æÞÉÁ

OĘ[ˇ}œ̞DÁ Ù[ˇ¦&^@̞DÁ

FGJÏ €ÁÁÁ ܡ]] |^{ ^} cæ‡ĐÔ[} &^} dæaã[} Á

Ghf UhY[m#5 Whij]hmi' i

Ghi XYblig hc VY GYfj YX Vmill]g Ghf UhY[m#5 Wijj]hmi

QQ21^}c@2^Á^26c@0\ÁOE∥ÁÛcčå^}o•Á(\Á\}^Á(\Á\[\^Á+]^&@a&Acčå^}oÁ*\[ĭ]•DÁ

θÁnc å^}œÁÁÁ

Ùdæe^*^£0088cãçãcÂ

DfcdcgYX'91 dYbX]hi fYg'Zcf'h\]g'GhfUhY[m#5 Whjj]hmi

Šão cÁs@Áset [ˇ) cỷ DÁsē) åÁˇ) åð; *Á¹[ˇ¦&^Ç DÁt; kÁs@Ã; ¹[][•^åÁ^¢]^) åãč; k^•ÈÁÛ]^8ã~Ás@Áˇ) åð; *Á •[ˇ¦&^Ç DÁ•ð; *Ã;}^Á; ká; [¦^Á;—Ás@Á; ||[¸ð; *KŠŠÔØØÊÁØ^å^¦æÞÁÇÃÁØ^å^¦æÞÁŠå^) cã~Ás@Á/æþÁsē) åÁÚæbŌÉÁSE Á æð;]|88æà|^DÁÁUc@¦ÁÛcæe^ÉÁSE) åÐ;!ÁŠ[&æÞÉÁ

lí €€ÁÁÁ Ú]] |^{ ^} cæ‡BÔ[} &^} dæaã[} Á

; cƯgžGlfUhY[]Ygž/ 'DfcdcgYX'9I dYbX]hi fYg'

Ô[{]|^c^ÁxxÁ8[]^Á;~Áx@Á;||[¸ã;*Áxxà|^Á;¦Áxx&@Á;Áx@Á&@[|qrÁ*[zd+ÈÖ`]|3&xxe^Áx@Áxxà|^ÁxxèÁ,^^å^åÈÁ

@95#@75D: cU

 $C \# A c a^{2} \circ A A c a^{2} \circ A c a^{2}$

; cU'&'

⇒XYbljZJYX'BYYX'

Ô`;;^}q^ÊÁ,[cÁse|Ánc°å^}c•Á@æç^Á;]][;c`}ãæð.•Á[Á,ædæð&ā]ææ^Á5,Áxã~`æ;Áæ;åÁÚ^;-{;{ã;*ÁŒto-ÈÁÁ

5 bbi U'A YUgi fUV'Y'Ci hWca Yg'

T^d&&OQ)å&ⅇ{[¦Á	Óæ•^ āj^160183cčæ)ÁUčo&[{^Á	Ò¢]^&c^åÁU`c&[{^Á
Ú^\8^}cæt^Á;—Ác°å^}o•Á &[{] ^cæj*ÁWÔÐÔÙWÁæE*Á&[`\•^; \^``ã^{^}o•ÁÇ@t@Á&@[[Á;} ^Di		
Þ`{ à^¦Á; -Á; ææ@; æê•Ás@ææÁ^•` o^ ã; Á&^¦cãæ3ææā;}Áā; Á@ã @&s^{ æ; åÊÁ [&æ‡Áā; å`•d^Á;^&d[¦•ÁQ@ã @Á •&@[[Á;} ^DÁXXXXÁ		
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①,&\^æ^^A;]][\c`}ācā\•Á;\Áse Á •c`å^}o^Á;Á@æç^Á;^æ)ā;*~\Á]æ\cā&aæaā;}ÁsjÁs@^Áxā*`æ\Áse)åÁ Ú^\-{\{ā}*ÁOEo•ÁWWWA	Ò• cæà ã• @ÁsaÁà æ• ^ ā, ^Á, -Á • č å^} ơ∮, æ÷ cã&ã, æēā, } ÈÁ	OEÁsaæ•^ ā,^Á, ā Ásò^Án•cæà ã @°åÈÁ

Ô[{]|^c^Áx±ÁS[]^Á; Áx@ÁÙdæc^*^£DB&cãçãc Áxæà|^Á;¦Á^æ&@Á; Áx@Á&@[|q^Ádæc^*ã^•Ðæ&cãçãtã^•ÈÖ`]|&&æc^Á c@Áxæà|^ÊÁ;8|`åð;*ÁÚ![][•^åÁÒ¢]^}åãc`¦^•ÊÁxæ Á;^^å^åÈÁ Á

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Ù cả ^} ơ Á đị Áà ^Á; |[çãà ^ å Ás@ Á;]] [¦ cੱ} ãc Á; Á; æd cã Bāj æc Áṣi ÁÙ ˇ æd ^ÁF CE cÉÁS ^¦ { ^ • Áà æd; & ^Á; ^¦ -{ ¦ { æd; & ^ÉÁ æd; å Å; }] [¦ cˇ} ãc Á; Á; æd cã Bāj æc Áṣi Á; æd cã Bāj æc Áṣi Áà æd; å Áṣāj þá Ásò; å Ásò;

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Ô[{]|^c^ÁxxÁ8[]^Á;~Áx@Á;||[¸ã;*Áxxà|^Á;¦Áxx&@Á;Áx@Á&@[|qrÁ*[zd+ÈÖ`]|3&xxe^Áx@Áxxà|^ÁxxèÁ,^^å^åÈÁ

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ÏÈHÃÁ; -Á; čå^}; œÁsd^Á&@[} &Bæd|^Ásæð•^} dÈÁKOŒ[Á;|ĭ]•Áæd|Á§; q;Ás@AÚ¦æð;*^Áf\ç^|EÁKÁ

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Ò}• ` ¦^Áæ&&^• Á[Á\¢ơ\} å^åÁ ^æ\}āj*Á][¦č}ãæ\• ÞÁWWÁ	Y ^ Á, āļ Á • cæà jā @ÁæÁàæ• ^ jā ^ Á ¦ ^ çã ^ ā * Á, æ dæðāj æðā } Áā Á OŒU ÒÙ Áæ) å Áā o ^ ¦ ç ^ } cā } ÉÁ	O EÁa æ•^ ā,^Á, ā Áa^Á∿• cæà ã @ å EÁ

Ô[{]|^c^ÁæÁ&[]^Á;-Ás@ÁÙdæc^*^£DB&cãçãcÁæà|^Á;¦Á^æ&@Á;-Ás@Á&@[|q^Ádæc^*ã^•Đæ&cãçããð*•ÈÄÖ`]|&&æc^Á c@Áæà|^ÊÁ\$,&|`åā;*ÁÚ¦[][•^åÁÒ¢]^}åãc`¦^•ÊÁæ•Á;^^å^åÈÁ

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Ù@Q; Át¦[; c@Á()} Ás@ ÁÖ)* ã @Á Š^æ}^¦ÁÚ¦[*¦^••ÁQàã&æe[¦ÁÇÔŒ Ù&@[ÁÖæ•@a[æbåŒÁWWÁ	V@ Ásacca (jal/an Án][¦c^a (ja) A acçaaja (na) An	V @ Á acca á a Á A A [¦ c a Á @ } Á acca á a A A A] [¦ c a Á @ } Á acca acca á acca á acca á acca á acca á acca á acca acca á acca á acca á acca á acca á acca
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Ô[{]|^c^Áad&[]^Á; Ác@ÁÙdæc^*^EDE&cãçãc Áaaà|^Á;¦Á^æ&@Á; Ác@Á&@[|q^Ádæc^*ã^•Ea&cãçãcã^e ÉÖ`]|ã&æc^Ác@Áaæà|^ÉÁa;&[`aj*ÁÚ¦[][•^åÁÒ¢]^}åãc ¦^•ÉÉæ•Á;^^å^åÉÁ

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ÒŠÁt č å^} œ ÁÁÁ

Ùdæe^*^ £00£8cãçãc Á

ٜ-Áå^ç^|[]{ ^} Ó ; Áæ|Áæ-Á

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Šão cÁc@Áæ; [ˇ) c@ DÁæ) åÁ˙¸ ååj *Á·[ˇ¦&^Q DÁų¦Ác@Á¸i[][•^åÁv¢]^) åãč¦^•ÈÁÚ]^&ã^Ác@Áˇ) åäj *Á •[ˇ¦&^Q DÁ•āj *Á¸)^Á;¦Á;[¦^Á;-Ác@Á;||[¸āj * KÁŠÔØØĒÁØ^å^¦æþÁÇÃÁØ^å^¦æþÁæ^) čã^Ác@ÁVād/Áæ) åÁÚædŒÆæÁ æj]|B&æà|^DÉÁUc@¦ÁÚcæe^ÉÆæ) åÐ;¦ÁŠ[&æÞÉÁ

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Ô[{]|^c^Ázeks[]^Á; Ásœ Á;||[¸ã,*Ázeà|^Á;¦Áxæ&@Á; Ás@ Ás@[|q,Á;[æ+ÈÖ`]|&&æc^Ás@ Ázeà|^Áze Á;^^å^åÈÁ

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Ò¢&^||^} &^Á[¦ÁĐŠŠÁcčå^} œÁāÁ`]][¦œåÁs@[**@Á,^æ);¾*~`|Ácæà^@|å^¦Ár}*æ*^{ ^}dŽÁÁ

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OEIÁc å^} o Á ālÁà^Á^¦ç^åÁ āc@Ác@ā Ásc&cāçāc ÈÁÁ

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àÈØæ&qããæe^Á&[{{`}ã&æaā[}Á¸ão@Á¸æb^}o•MóæbA&@[[|Áãæāē[}Á¸ā]|Áà^Á@ā^åÁq[Áà`āþåÁ^|æaā[}•@ā]•Áæb¸åÁ ã[]¦[ç^Ájæb^}oÁjæbdã&a]æaā[}ĒÆk[||æà[¦ææā[}Áæb¸åÁ&[{{`}ã&æaā[}Áà^ç,^^}Á@{^ÊÁ&@[|Êæb¸åÁ &[{{`}ãoÈ &ÈV@Áj¦ā¸&a]æþÁ¸ā|Á@|åÁ&[~^^Áæb¸åÁ&[}ç^¦•ææā[}Á¸ão@Áæb|Ájæb^}o•ÉÆæ*^}åæ•Á¸ā|Áà^Á*^}^¦ææ^åÁà^Á]æb^}o•ÈÁ

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V[œapÁð*}å•ÁÓ*å*^c^åÁ(¦ÁÛdæe^*ã•Á(ÁT^^oÁs@ÁŐ[懕Ás,Ás@ÁÚÚÙŒÁ	ÅGÍÉHGIÈE€Á

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Ù`àq[cæḥ/n[-Áncada ã ã ā a a pÁ^a^a^¦æþÁ`}å•Ás]&|`å^åÁ[¦Ánc@a Án&@[|KAÅÍCEÈ€ÉÁ

Šã cÁs@ÁÙcæc^Ása) åÁ[&æþÁ;¦[*¦æ{•Ás@æcÁs@Á&@[|ÁsaÁs]&|`åā]*ÁsJÁs@Á&@[[]¸ãå^Á;¦[*¦æ{ÈÄÖ`]|&&æc^Ás@Á Ͼà|^ÁsæÁ,^^å^åÉÁ

Á

GHUHY'cf'@cWU'Dfc[fUagÁ	5``cWUjcb'fl'ŁÁ
Œe^¦ÁÛ&@[Áæ) åÁÒå~ &ææã)}ÁÚæ^ĉÁÇŒÚÒÙÐÁÁ	ÅJÍ ÉRGÍ ÈE€Á
Ù㢠ÁÖã & '^áa } æ ^ ÁÁÁ	ÅF€ÉÎ GÏ ÈE€Á
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[This section meets the requirements for TSI and ATSI.]

[When completing this section for CSI, the LEA shall partner with the school in the development and implementation of this plan.]

FYqci fWY =bYei]h|Yq

Ù&@[[|•Á^||ā*āa|^Á[¦ÁÔÙŒ,|ÁŒÁ^çā], Á;ÁŠÒŒË æ) åÁn&@[[Ënçn|Áaˇå*næ]*Áæ•ÁæÁædÁædÁædÁn~áœÁn~ĭãnåAnnnå•Áæ••^••{n}æÄan}æãnåÁn•[ˇ¦&nÁa;n~˘ãæn•Á { `• oÁà^Áscåå¦^•• ^åÁs@[`* @Á\$] |^{ ^} cæcā} } Á; -Ás@ ÁÔÙ QÁ; |ÁOE/Ù QÁ; |æ} ĒÁÓ; & 4^Ásã^}; cã^Ása} åÁs^• & 8i ãà^Ása} ^Á ¦^•[ˇ¦&^Áā,^ˇˇãaã^•Áãa^}cãað åÁæ ÁæÁ^•ˇ|cÁ, Ác@ Á^ˇˇã!^åÁ, ^^å•Áæ••^••{ ^}cÁæ)åÁ*ˇ{ { ætã ^ÁQ! Ác@ Á ãå^}cãa?àÁ^•[ˇ¦&^Á§^ˇ ããa?•Ásd-^Ásdàå¦^••^åÁ§ Ás@•ÁÙÚÙOŒÁÁ

[This section meets the requirements for CSI and ATSI. If the school is not identified for CSI or ATSI this section is not applicable and may be deleted.]

; cƯgžGlfUhY[]Ygž9IdYbX]hifYgž/ '5 bbi ƯFYj]Yk '

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QÁ&æ) Áà^Á@|]~ |ÁţÁ•^ÁæÁ¦æ; ^, [¦\Áţ¦Á; lãã; *ÁţæÞÁ*&@Á@ÁDÈ ÈDĒÜÈ/ÈÆ;] | [æ&@ÁOÆÁDÈ ÈDĒÜÈ/ÈÁ
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i^æe[}æà|^Áæ&@Açæà|^ÈÁQ&|*åä;*Áæï ^Á&[}•dæā; œÉA*&@ÁæÁ; å*O•q[}^Áåææ^•ÉA*}•`¦^•ÁæÁ^ææïæÁ
æ]]¦[æ&@ÁcææÁ*]][¦æÁc³å^}cÁ**&&^••ÈÁ

[When completing this section for CSI, TSI, and ATSI, improvement goals shall align to the goals, actions, and services in the LEA LCAP.]

⇒XYbhjZjYX"BYYX"

[Completing this section fully addresses all relevant federal planning requirements] [^]A

5 bbi U'A YUgi fUV'Y'Ci HWca Yg'

[When completing this section for CSI the school must include school-level metrics related to the metrics that led to the school's identification.]

[When completing this section for TSI/ATSI the school must include metrics related to the specific student group(s) that led to the school's identification.]
Á

Glf UhY | Yg#5 Wij]hiYg

Ö^•&|aa^ko@Adæ^*a*•Áæ}åÁæ&aaçãæ*•Áa^a,*Á|[çãa^åkq[Á,^^oko@As^•&|ãa^åÁ*[æ†ÄOÆ*&@[|Á;æÁ }`{à^|Áx@Adæ^*^Bæ&aãçãcÁ•ā;*Áo@AkJdæe^*^BOB&aãçãcÁ\+Á[¦Áxæ•^Á;-Á\^-A\^}}&^E\ Ú|æ}}^åÁndæe^*ā^• Eæ&aãçãaã^• Áæåå¦^•• Ás@ Áæjååj*• Áp. Ás@ Áp.^^å• Áæ••^•• { ^} cÁs[}•ãre^} cÁ; cæê^Á
]¦áĮ¦ããã^• Áæà¸åÁ^•[ĭ¦&^Ás¸^ĭããð• ÉŠ¸@ã&@Á;æê Áœæç^Ás^^} Ásãa^} cããðåÁs@[ĭ*@ÁæÁ^çãð¸Áp.Ás@Áp[&æþÁ
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[When completing this section for CSI, TSI, and ATSI, this plan shall include evidence-based interventions and align to the goals, actions, and services in the LEA LCAP.]

[When completing this section for CSI and ATSI, this plan shall address through implementation, identified resource inequities, which may have been identified through a review of LEA- and school-level budgeting.]
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Ghi XYbhg hc VY GYfj YX Vmil\]g Ghf UhY[m#5 Whjj]hmi

Qåa8æc^ÁnjÁxœāÁn[¢Á;@3&@Ácǎ^}œÁ;ajlÁn^}^āñÁ;[{Áx@Ádæc*að•Dæscāçããð•Án^Ánjåa8ææā;*ÁnQE‡ÁÙcå^}œ+Á [¦Ápācā;*Án}^Án¦Á;[¦^Án]^8ãa8AÁcå^}œÁ¦[ˇ]ĢDÁnjÁn^Án^¦ç^åÈÁ Á

[This section meets the requirements for CSI.]

[When completing this section for TSI and ATSI, at a minimum, the student groups to be served shall include the student groups that are consistently underperforming, for which the school received the TSI or ATSI designation. For TSI, a school may focus on all students or the student group(s) that led to identification based on the evidence-based interventions selected.]

DfcdcgYX'9 I dYbX]hi fYg'Zcf'h\]g'GhfUhY[m#5 Wf]j]hmi

Ú¦[][•^åÁn¢]^}åãc ¦^•Ás@æáschÁsj&|°å^åÁj&|°å^åÁj([¦^Ás@æjÁj}&NájÁsAÁ)ÚÚÚCEÁQ°jåáshÁsjååã&æc°åÁæeÁscÁ å`]|ã&æc°åÁn¢]^}åãc ¦^Ásjåásj&|°åÁsj&|°å^ÁseÁ^~~¦^}&NájÁs@Át[æásæjájÁÔ[å^ÉÁU^&cáj}Âil€€FǰDQHQQÔDÉÁ ^¢]^}åãc ¦^Áã•oásdj]^æb•ÁsjÁs@ÁÙÚÚCHÁÚ°¦•°æjoÁjÁòå°&ææjájÁÔ[å^ÉÁU^&cáj}Âil€€FǰDQHQQÔDÉÁ]¦[][•^åÁn¢]^}åãc ¦^•Éásæe^åÁjÁæáhÍjÁs@Áj¦[b/&c°åÁ^•[°¦&^Ásej][&ææjájÁ¦[{Ác@Át[ç^¦}já*Ás[æbåÁj¦Á *[ç^¦}já*Ás[å^ÁjÁœÁŠÒCHÁSÁæáå¦^••Ás@Ásjåå;*•ÁjÁæáhÍ,«••Ás@Ájååj*•ÁjÁæáh,°;å*Áse•^*••{ ^}oá&[}•ã*c^}oÁjãæáæÁad,°i°jæásæákæásæákæásæákæásæásæákæásæákæásæákæásæákæás

[This section meets the requirements for CSI, TSI, and ATSI.]

[NOTE: Federal funds for CSI shall not be used in schools identified for TSI or ATSI. In addition, funds for CSI shall not be used to hire additional permanent staff.]

5 bbi U'FYj JYk'

Q Áx@ Á[||[¸ ā] * ÁOE, ēqî • ār Á; |[{] o• ÉÉSE^} cār Áxe) ^ Á; ææ^¦ãæþÁsā-~¦^} & ^• Ás^ç ^^} Á; @æçÁ; æ• Á; |æè} } ^ å Áxe) å Á
¸ @ææÁxe&c æþ|^ Á; &&` ;|^å Áxe Á; ^|Áxe Á; ā; ā; ā; &&; oók @æ) * ^• Ás; Árd ææ^* ð; • Ðæ&cãçããð • Áæ; å ÐĀ; ¦Ár¢] ^} å āc` ;|^• Á; [{ Á
c@ Á; |ā; |Á^æ; ÉV @ār Áxe) } ` æþÁ^çãr¸ Áxe) å Áxe) æþî • ãr Ár @[` |å Ás^Áxæ Áxæ ár Á; |Ás^&ãr ár } Ë; æð; ā; * Áxe) å Á] å ææ^• Á
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. Á Ólā^ վ^Ása^•&lāba^Ása)^Á(add[¦Ása-Al^}& ^•Ása^c, ^^}Ánāo@l‡D¦Ás@Ás[c^}å^åÆ[]|^{ ^}cædā[}Æ[ká@Á à`å*^c^åÁn¢]^}åão`¦^•Á(Eá[]|^{ ^}cÁs@Ándase^*ãn•Ead&cāçãaān•Á(EÁ(^^cÁs@Áscba&ča&č|ase^åÁt[æþÈÁ ó

ÁÖ^•&¦āā^Áæ)^Á&@æ)*^•Ás@æÁ¸āļÁà^Á; æå^ÁţÁœÛÁ[æþÉ^¢]^&c^åÁæ)}`æþÁ; ^æ•ˇ¦æà|^Á; č&[{ ^•ÉÁ { ^dã&•Eð}; åãææ[¦•EÁ; ¦Á; dæc^*ã)•Đæ&æãçãæð•Ág Áææ%ç^Áæð; c¾ÉææÁæÁ^•ˇ|ơÁ; ÁææÁæ; éæ; åå; ÁææÁæ; åå; ÁææÁæ; åå; ÁææÁæ; lgæå; åææÅ; lgæå; lææå; lææ

[When completing this section for CSI, TSI, or ATSI, any changes made to the goals, annual measurable outcomes, metrics/indicators, or strategies/activities, shall meet the CSI, TSI, or ATSI planning requirements. CSI, TSI, and ATSI planning requirements are listed under each section of the Instructions. For example, as a result of the Annual Review and Update, if changes are made to a goal(s), see the Goal section for CSI, TSI, and ATSI planning requirements.]

6 i X[YhGi a a Ufm'

From its total allocation for CSI, the LEA may distribute funds across its schools that meet the criteria for CSI to support implementation of this plan. In addition, the LEA may retain a portion of its total allocation to support LEA-level expenditures that are directly related to serving schools eligible for CSI.

6 i X[YhGi a a Ufm

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Á V[cæhÁO*) å•ÁÚ¦[çãā^åÁq[Ás@ÁÛ&@[|ÁV@[**@Ás@ÁÔ[}•[|ãåææ^åÁOE]]|ã&ææā]}hÁV@áÁæ;[*)ơÁáÁs@Á d[cæhÁæ;[*)ơÁ,-Á*)åã,*Á,¦[çãā^åÁq[Ás@Á&@[|Ás@[**@Ás@ÁÔ[}OE]]Á;¦Ás@Ás&@[|Á^æèEÁV@Á •&@[|Á^æòÁ;^æòÁ^æòÁæ&æhÁ^æòÁq¦¦Á;@ã&@ÁæÁÙÚÙOEÆáÁæå[]ơ^åÁq¦Á]åææ^åÈÉÁ

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Ù&@[|ÁÚ|æ;Á;!ÁÙċå^}oÁŒ&@^ç^{ ^}oÁÇÙÚÙŒA

[NOTE: Federal funds for CSI shall not be used in schools eligible for TSI or ATSI. In addition, funds for CSI shall not be used to hire additional permanent staff.]

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āÉÁ P^|]Ás@^Ás&@[|Á`}å^¦•œa}åÁs@ Á``àb^&o•Áæ)åÁs\ā∥•Á[¦Á¸@a&@Ás^æ&@a;*Áæ)åÁ |^æa}ā,*Á,^^åÁg[Ás^Áag]¦[ç^åLÁæ)åÁ

and Ca^}ca^Ac@A]^8aakAndaca^{ a&A,^^a•A,-Ac`a^}o•Aa)aAt¦[`]•A,-Ac`a^}o•A, @Aad^A }[oA^oAndaca@a`ça,*Ac@Aùcac^©Andacaa^{ a&Acaa}ada•LAndacaa)ada

ããÃÒŒ•^••Ác@Á,^^å•Á,—Ác@Á&@[|Á^|æãã;^Á(Á*æ&@Á,—Ác@Á&[{][}^}o•Á,—Ác@Á •&@[[, ãå^Á,¦[*¦æ{Á}å\å^G€€ÈÈÀ

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Ó ÞÁ Cầ^ } cã að særāt } Át, Ár c@ Át; | &^ • • Át; | Ár ç cạt ˈ ærāt * Árat) å Át; [} ãt; | āt; | āt

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- Ó ÉÁ Ò Çã a^} & ^ Éa æ ^ å Án dæ ^ * æ ^ ÉÁ & Cáp } ÉÁn ¦ Án ^ ¦ Ça & ^ Ágà ^ & lán ^ å Ág Á Ú dæ ^ * æ ^ å Án Ó E& Cáp ár æ ^ Þ Ó ÉÁN & Cáp * án Án Ó ÉÁN & Cáp * Án Ó Æ ÁN Ó ÉÁN Å ÁN Ó ÁN Ó Æ ÁN Ó ÁN Ó ÉÁN Å ÁN Ó ÁN Ó ÉÁN & Cáp * Án Ó ÁN Ó ÉÁN Ó ÉÁN
 - ædÁ];[çãå^Á;]][¦č}ãã^•Á;¦ÁædÁ&@då¦^}Á§&!`åð;*Áræ&@Á;ÁœÁ;à*;[`]•Á;Árčå^}œÁ;Á {^^cÁc@Á&@dd|^}*ð;*ÁrææcÁæ&æå^{&&Acæd}åæåå•Á
 - à ÈÁ * ^ Á; ^ c@ å Áse) å Ásj d * &cāj } æ Á dæe^ * å Ás@æetÁ
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 - - ãĐÁ dæc^* ã Áq Áq] ¦[ç^Ác å^} ♂ qÁ\ å|• Áq` œ ãã^Ác@ Áæ&æå^{ ã&Á` à b^ &cÁæ}^æ LÁÁ
 - ããEÁ]¦^]ælææã[}Á[¦Áæ)åÁæçæl^}^••Á[√Á[]][¦č}ããã*•Á[¦Á][•o•^&[}åæb^Á*å*&ææã[}Áæ)åÁ o@Á[¦\-[¦&^LÁÁ

 - çÈÁ•dæc^*að•Á[¦Áæ-•ã;dā;*Á;¦^•&@[|Á&@Aå¦^}Áā;Áœ/Ádæ)•ãāā[}Á;[{Á^æ-þ^Á&@Aå@[åÁ ^å`&æaā[}Á;![*¦æ(•Áq[Á]&æ-þÁ;^{^}cæ-þ^Á&@[[Á];[*¦æ(•ÈÁ
- ÖÈÁOĐÁ^•&¦ajqaj}Áj-ÁQţ,Ás@Á-&Qţ[|Á,aj|Ás^o\;{ā,^ÁsA-&Qq[|Á,^^å•Ásæ,^Aso^}Á; ^oÁÇà^•&;aà^a,åÁsjÁ c@ÁÒ¢]^&c^åÁOE;}`æjÁT^æ*;¦æàj|^ÁU`c&[{^•Áse;åÁs@ÁOE;}`æjÁÜ^çãn;Áse;åÁN]åææ^DEÁ

 - HÉÁÜ^çãr^Ás@Á, |æ) ÉÉserÁ,^&^••æ'î ÉÉsær^åÁ; } Ás@Á^•`|œ'Á; Ás@Á^•`|æ'Á; ÆÉsEÁ; Ár}•`¦^Á &[}cāj`[`•Áā[]![ç^{ ^}oÁ; Árčå^}œ'ÁşÁs@Á; &@[[, ãå^Á;![*!æ; ÈÁ

- ØPÁOĐÁ&^•&¦ajqāj}Á;Áœ@Áæ&cãçããð\•Áœ@Áa&@[|Ájā|Ááj&|`å^Áq[Án}•`¦^Ác@ææÁcčå^}œÁ;@A¢]^¦ân}&^Á åã-ã&`|c^Áææææájā;*Áj¦[-ã&ð}oÁ;¦Áæåçæà,&^åÁn°ç^|•Á;Áæ&æå^{ ã&Áæ&æða^{ ã&Áæ&æða}°ç^{ ^}oÁ;æà;åæåå•Ájā|Áà^Á]¦[çãã^åÁjão@Á~~^&cãç^ÞÁæã;^|Áæååãæãj}æþÁ*]][¦dÉÁj&|*åä;*Á;^æ*`¦^•Áq[Á
 - FÈÁÒ}• " \^Ás@ænÁs@• ^Ác å^} o Óåã-38" |cã Ásd ^Ásã^} cãã à Á; } ÁsdÁsã; ^| ^Ásaæ ã LÁsd; åÁ
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- ÕÈMO[¦Ása) Án|^{ ^} cæb^Án &@[|Êsadên^•&la] cā[}Án ÁQ¸Án@Án &@[|Á ā|Ásæ•ã cÁ;|^•&@[|Án č å^} c•Ás] Á c@Án &&^••~ |Ása)•ãā[}Á|[{Án æ|n Ás@Bå@[åÁ];|*¦æ(•Ás[Án@A &@[|ÈÁ
- PÈÁOZÁN^•&¦ajcāj}ÁjÁQjÁs@Á;&@[|Ájā|Á•^Á^•[ˇ¦&^•Á[Ásæ¦^ÁjˇcÁc@•^Á&[{][}^}cÁ Cà^•&¦āà^àÁgÁœÁÚ![][•^åÁÔ¢]^}åãč'^•Á;IÁÛdæe**ð•£0£8cāpāñð•£Á
- ŒÁ CŒÁ^•&¼ª; cã; } Á; -Áæ; ^Á; c@¼Áæ&cãçããã^•Áæ; åÁ; འ&cãç^•Áæ; Á°•æà/ã @°åÁà Ác@ÁÙÙÔÁÇã^•&¼ãà ^åÁ§ Ác@ÁÙŮæ^* ã°•Æ0æ; ãã°•Æ0æ; ãã°•Æ
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7 ca dfY\ Ybg]j Y'Gi ddcfh'UbX' =a dfcj Ya Ybh'

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ŒÁQ&|`å^Ánçãa^}&^Ëaæe^åÁspch¦ç^}qāp}•ÁQÙdæe^*ãn•EOE&qãpãaãn•ÉÃOE;}`æþÁÜ^çãn¸ÁæpåÁMjåææêÉÁæeÁ æð]|a&æà|^DÁQZ|¦Án^•[`¦&n•Án|ææ°åÁspÁnçãa^}&nËàæe^åÁspch¦ç^}qāp}•ÉÃOE,}`æþÁNÈÙÉÄÖ^]æðq^}pÁ [-ÁÒå`&ææāp}qÁMM-āp*ÁÒçãa^}&nÁspÁspÁn&æ°åÁspÁnðå`&ææāp}AQQç^•q{^}g•Hæp\$ @d|•Hæp\$, GE°åÈ[ç⊕p||a&î+D|•^&&p**D••æð`ãaæp&n`•^•^ā;ç^•q{^}dÈå-DDÁ

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IÈÁ (3)^} cãˆÁ^•[ˇ¦&^Ás¸^ˇ ããð•ÊÁ¸ @ & @Á¸ & Ás¸ & Ás, & ÁsÁ^ç㸠Á; —ÁŠÒOŒ Ás¸ åÁ & @ [| Ё^ç^|Ás ˇ å* ^ c⏠* ÉÁ; Á à ^Ásæåå¦^••^åÁs@ [ĭ * @Ás] | ^{ ^} cæá; } Á; —Ás@ ÁÔÙ (3) | æ) ÁÇÕ [æ) ÉÁG ^} cãð åÁp ^^åÉÖ¢] ^& c³áÁOE; } ˇ æÞÁ T ^æ ˇ ¦æà|^ÁU ˇ c& [{ ^•ÊÁÚ|æ} } ^åÁÙ dæc^* ãð•£DÆScãçãcã • LÁsè; åÁOE; } ˇ æÞÁÜ^çã ¸ Ásè; åÁN] åæc^Êáse Á æ‡] | æÆæà|^ŒÁ

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Additional Targeted Support and Improvement

A school identified for ATSI shall:

1. Identify resource inequities, which may include a review of LEA- and school-level budgeting, which will be addressed through implementation of its TSI plan (Goal, Identified Need, Expected Annual Measurable Outcomes, Planned Strategies/Activities, and Annual Review and Update, as applicable).

Authority Cited: Sections 1003(e)(1)(B), 1003(i), 1111(c)(4)(B), and 1111(d)(2)(c) of the ESSA.

Single School Districts and Charter Schools Identified for School Improvement

Single school districts (SSDs) or charter schools that are identified for CSI, TSI, or ATSI, shall develop a SPSA that addresses the applicable requirements above as a condition of receiving funds (EC Section 64001[a] as amended by Assembly Bill [AB] 716, effective January 1, 2019).

However, a SSD or a charter school may streamline the process by combining state and federal requirements into one document which may include the local control and accountability plan (LCAP) and all federal planning requirements, provided that the combined plan is able to demonstrate that the legal requirements for each of the plans is met (EC Section 52062[a] as amended by AB 716, effective January 1, 2019).

Planning requirements for single school districts and charter schools choosing to exercise this option are available in the LCAP Instructions.

Authority Cited: EC sections 52062(a) and 64001(a), both as amended by AB 716, effective January 1, 2019.

Appendix C: Select State and Federal Programs

For a list of active programs, please see the following links:

Programs included on the Consolidated Application: https://www.cde.ca.gov/fg/aa/co/
ESSA Title I, Part A: School Improvement: https://www.cde.ca.gov/fg/sw/t1/schoolsupport.asp
Available Funding: https://www.cde.ca.gov/fg/fo/af/

Developed by the California Department of Education, January 2019

Recommendations and Assurances

The School Site Council (SSC) recommends this school plan and proposed expenditures to the district governing board for approval and assures the board of the following:

The SSC is correctly constituted and was formed in accordance with district governing board policy and state law.

The SSC reviewed its responsibilities under state law and district governing board policies, including those board policies relating to material changes in the School Plan for Student Achievement (SPSA) requiring board approval.

The SSC sought and considered all recommendations from the following groups or committees before adopting this plan:

Signature Porena García **Committee or Advisory Group Name**

X English Learner Advisory Committee

The SSC reviewed the content requirements for school plans of programs included in this SPSA and believes all such content requirements have been met, including those found in district governing board policies and in the local educational agency plan.

This SPSA is based on a thorough analysis of student academic performance. The actions proposed herein form a sound, comprehensive, coordinated plan to reach stated school goals to improve student academic performance.

This SPSA was adopted by the SSC at a public meeting on May 14, 2019.

Attested

Principal, Aida Buelna on 5/14/19

SSC Chairperson, Major Willis on-5/14/19 5/10/19

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