



1 22 § · --- µ^a ± ¶ Ž² µ^a 2 µ^{1/4}

!) µ[±] µ⁻ & µ[·] « µ² µ[·]
! " µ^{ff} ± µ[·] · · µ[·] / µ[·] |[·]
' · · 1 µ[»]

° ° ° µ² § µ^a ± ¶ µ² °

° µ⁻ ± µ[·] µ² § µ^a ± ¶ µ² °

VGUV'TGRQTV

ENKGP V'F GVCKNU	Egt v hlecvg'P q0 < 439/42686/4235
" " "	Kuug'P q0 < 36
" .45289. I tggg0	F cvg'T gegkxgf < 53 127 4235
Hqt 'vj g'c wgpwkp 'qh' 0'	Uct v'qh' Cpcn' uku < 53 127 4235
	Gpf 'qh' Cpcn' uku <
UCO RNG'F GVCKNU	F cvg'qh' Kuug'P q03 < 28 128 4235
Eqf g < 439/42686/4235	F cvg'qh' T gkuug < 29 123 4237
Ecvgi qt { < Hc w' (' Qku	UCO RNKPI 'RTQEGUUF GVCKNU
F guetkr vkqp < QNKKGUCI QWTQGNKGU"	Uco r ngr 'd { < Eqwt lgt
	Eqpf kkp < %Cee gr w d r g +
	Rceni lpi < %e p v c k p g t + @ 322 i
	Rt g u g t x c v k p < %T g h k i g t c v q t +

TGUWNVU

'Rct co gvg t u' qh' Cpcn' uku	Tgumv	Wpku	F gvgv k p Nlo kv	O gvj qf
[gcuu'Eqwv	>32	ehw i t	32	CQCE'T/Dkqr j cto
O qwf u'Eqwv	30'z'32' 3	ehw i t	32	CQCE'T/Dkqr j cto
O p q / W p u c w t c v g f ' H c w	; 06	i t B22i t	208	I NE'G E'T gi w r v k p '478: l; 3
Uc w t c v g f ' H c w	40	i t B22i t	208	I NE'G E'T gi w r v k p '478: l; 3
R q r / W p u c w t c v g f ' H c w	20	i t B22i t	208	I NE'G E'T gi w r v k p '478: l; 3
u c p u ' H c w	20	i t B22i t	208	I NE'G E'T gi w r v k p '478: l; 3
V q v e n' U w i c t u	>208	i t B22i t	2.3	Gp { o c v k e
Uc w	5; 520	o i B22i t	/	I TGGMEQF GZ
P W T K V K P C N ' H W N N ' G P \ [O K E				
I t q u i' E c m t h l e ' X c n g	8: 6	M B22i t	/	E c r e w r v k x g ' * T G I 338; /4233+
I t q u i' E c m t h l e ' X c n g	387	M e c n B22i t	/	E c r e w r v k x g ' * T G I 338; /4233+
Hc v	3406	i t B22o n	208	U q z j n g v' k p j q w u g ' O g v j q f
E c t d q j { f t c v g u' * v q v e n -	320	i t B22o n	2.3	ECNEWNCVXKG
V q v e n' F l g v c t { ' H l d t g	40	i t B22o n	208	CQCE"; ; 3065
R t q v g l p u	304	i t B22o n	208	n l g r f c j n l' k p ' j q w u g ' c e e q t f l p i ' v ' R U Q I F K U ; ; 8: /4
C u j ' * v q v e n -	50	i t B22o n	/	I TGGMEQF GZ
O q l u w t g	8; 0	i t B22o n	/	I TGGMEQF GZ
V q v e n' R i v g' E q w v' c v' 59 Å	60 'z'32' 3	ehw i t	32	CQCE'T/Dkqr j cto
G p v g t d c e v g t k e g c g' c v' 59 Å	>32	ehw i t	32	CQCE'T/Dkqr j cto
G u e j g t k e j k c' e q r k	>32	ehw i t	32	CQCE'T/Dkqr j cto
Uc m q p g m c' u r r 0' * F g v g v k p +		ehw 47' i t	3	T x g c i l h t' U c m q p g m c' C Q C E' C r t q x c n N l e g p u g' P w o d g t"; 82: 23

Vj g'Vgej plecnF h' gevt

Vj g'Egt v hlecvg' qh' Cpcn' uku Uwr gt xkuq
Go o 0Rqrksku. 'Dkqrqi kv' O Ue

Vj g'Ncd' F h' gevt
I 0Uktci cnku. 'Ej go kv' O Ue

VJ KU'K'CP 'GNGEVTQP KE'EQR' 0UH P CVW'TGP QV'TGS WRT'GF 0

Vj ku'gr qt v' t g h t u' q p r f ' v q' j g' l c o r n g' g u g f ' c p f ' T q g u' p q v' c r r n' ' c u' * q t' ' l o r n' f ' c p { ' h l p f ' q h' r t q f v e v e g t v h l e c v k p 00 q f h l e c v k p ' q t' r c t v c n l g r t q f v e l k p ' q h' i' c p c n' u k u' t r q t v' k u' p q v' c m y g f' y' k j q w' d k p i y' t k s e p' c w j q t k' d { ' v j g' H q q f ' C n g i g p u' N e d q t c v q t { ' * q p n' ' k u' ' v c n l e q p v p t' g r t q f v e l k p' k u' c m y g f' 0



1 2 2 § μ a .. ± ¶ Ž 0 ½ 2 μ 0 . 2 μ 1 / 4

!) qj ± 0 - & μ . « 0 2 μ
! .. 0 ff ± + 0 0 - / μ .. | ..

0 0

VGUV'EGTVKHKCVG

Eqrkpwkpi 'Itgo 'rtgkqwu'rci g

Tgummu

Vgumu' b ctmgf 'y ksj %kj cxg'dgpp'uwdqpxcegf 'q'cp'ceetgfkgf 'Ncdqtcvqt {'wpg ft'KQ'39247'Ceetgf kcckp0'

Uhm5 WXg	/	Ca Yl U' ZHmiUMXg	\$ " \$		
7 (. \$ Vi ImfjW	\$	Ca Yl U* ZHmiUMXg	* " \$		
7 * . \$ 7 UdfcbjW	\$	' # *	\$ " -		
7 , . \$ 7 UdfmjW	\$	* # '	%) \$		
7 % \$. \$ 7 UdfjW	\$				
7 % & . \$ @ li fjW	\$	' ' ZHmiUMXg	* ' ZHmiUMXg		
7 % % . \$ a mfjghjW	\$	7 % . ' Vlg	7 % . &		
7 % % . \$ a mfjghc `YjW	\$	7 % . ' 'fUbg	7 % . & 'fUbg		
7 %) DYbXUXYVUbcjW	\$	7 & \$. ' b'	7 % . ' Vlg		
7 %) . % Vgl ! % \$! dYbXUXYVUbcjW	\$	7 & \$.) b'	7 & \$. ' b*		
7 % . \$ dUa]hjW	% ')	7 & & . ' b'	7 & \$. (' b*		
7 % . % dUa]hc `YjW	\$ "	7 & & * b'		ZH f # \$ \$] t	% & ('
7 % + . \$ < YdHUXYVUbcjW	\$				
7 % + . % Vgl ! % \$ < YdHUXYVUbcjW	\$	DYfWbHj Yl ' cZ: Uh		DYfWbHj Yl ' cZ: Uh dfcXi Wh	
7 % . \$ gh'UfjW	&)	GUh fUHX' ZHmiUMXg ' i	% ' (\$	GUh fUHX' ZHmiUMXg ' i	& \$ ' i
7 % . % 'fUbg	\$	Acpci bgUhi fUHX' ZHmiUMXg ' i	+ ' ' % \$	Acpci bgUhi fUHX' ZHmiUMXg ' i	- ' ((
7 % . % c `YjW	+) ')	Dc' mi bUhi fUHX' ZHmiUMXg ' i	+) \$	Dc' mi bUhi fUHX' ZHmiUMXg ' i	\$ " - ' i
7 % . & 'fUbg	\$	HfUbgj ']b' hcU' ZUh	\$ \$ \$	HfUbgj ']b' hcU' ZUh	\$ \$ \$
7 % . & `]bc `YjW	* "				
7 & \$. \$ 5 fUW]XjW	\$ ('				
7 % . ' 'fUbg	\$				
7 % . ' `]bc `Yb]W	\$ "				
7 & \$. % Vgl ! - ! 9]Wt gYbc]WUWX	\$				
7 & % \$ \ Ya]Wt gUbc]W	\$				
7 & \$. & Y]Wt gUx]Ybc]W	\$				
7 & \$. ' b' Yl cgUf]Ybc]W	\$				
7 & \$. \$ 6 Y Yb]W	\$				
7 & \$. ' b* Yl cgUf]Ybc]W	\$				
7 & \$. (' b* 5 fUW]Xcb]W	\$				
7 & \$ % 9 fi VjW	\$				
7 & . \$ hf]Wt gUbc]W	\$				
7 & \$ & XcVt gUx]Ybc]W	\$				
7 & \$.) b' 9 D5	\$				
7 & (. \$ @ [bcVwf]W	\$				
7 & (. % bYj fcb]W	\$				
7 & \$.) b' ` Vlg + z \$ z % z % z % !	\$				
XcVt gUdYbH]Ybc]W	\$				
7 & \$ * b' 8 < 5	\$	hcU	% \$ \$		

Vj g'Vej plecdF h' gevqt

Vj g'Egt vllccv'gh' Cpca' uku' Uwr' gt xluqt
Go o ORqRku. 'Dkqngi kuv' O Ue

Vj g'Ncd' F h' gevqt
I O'Ukci cnku. 'Ej go kuv' O Ue

VJ KUK'CP'GNGEVTQP'E'EQRI'OUH'PCVWV'GP'QV'TGS'WR'GF'0

Vj ku'tgr q'tv'gh'gtu'q'p'q' 'q' 'j' g'bc' r'ng' 'g'ugf' 'cpf' 'T'q'gu'p'qv'rr'n' 'cu' %qt' 'bo' r'n' '#cp' 'h'lpf' 'qh'rt'q'f' ve'v'eg't'v'ke'ck'qp'00' q'f' h'ke'ck'qp' 'qt' 'r'ct'cl'nt'gr'q'f' ve'k'qp' 'qh'cpca' uku' 'gr' q'tv'ku'p'qv'cmny' g'f' 'y' ksj' q'w'd'g'kpi' y' tks'ep' 'cwj' q't' k'f' 'd' {' 'j' g' H'q'f' 'C'ngti' g'pu' 'Ncd'q'tcvqt' {' %q'p'q' 'ku' 'q'v'cn'ep'g'v'p't'gr'q'f' ve'k'qp' 'ku' 'cmny' g'f' 4