

$8 \, mb \, Y \, cb$; $Y \, b \, X \, cf \, Z'j \, cf \, GWX \,]Y \, width \, b \, [$. A $]h \, Uf \, VY \,]h \, Y \, f \, i \, b \, h \, Y \, f \, S \, fi \, W \, ^\circ$

8 mbYcb']b'; YbXcfZ'd`Ubh'V]g'9bXY'&\$&) 'DfcXi _h]cbgghcdd i bX'DYfgcbU`UVVUi ž'k À\fYbX'Ubcbma Y'Jcfk ØfZY'ØVYf 8 fi W_'i bX'l bg]WXYf\Y]h'_i fg]YfYb"



; YbXcfZž8Yi hgWX`UbX`!'8]Y`8mbYcb; a V<`]b; YbXcfZghY\h
j cfY]bYfYbhgWXY]XYbXYb`K YbXY"'8UgʻI bhYfbY\a Ybʻd`Ubhž'X]Y
DfcXi _h]cb`V]gʻ9bXY`&\$&) Y]bni ghY``Ybʻi bX`XUa]h`XfUgh]gWX
DYfgcbU``UVni VUi Yb"'FcgYb\Y]a &(`VYf]WXhYhž'XUgg`XYfnY]h`fi bX
(*\$`A]hUfVY]hYf`]a `K Yf_`VYgWXÀZh][h`g]bXž'Y]bY`g][b]Z]_UbhY
FYXi _h]cb`j cb`ZfØ\Yf`Yhk U`+&\$`5fVY]hgd`AhnYb"'8]YgY
A U»bU\a Yb`k i fXYb`]a `FU\a Yb`Y]bYf`I a ghfi _hi f]Yfi b[
Ub[Y_ØbX][hž'bUWXXYa `XYf`A i hhYf_cbnYfb`' A `Ua `&\$"`8YnYa VYf
&\$&&`XYb`5i ggh]Y[`Ui g`XYf`D: 5G!DfcXi _h]cb`VY_Ubbh`[UV"

9]b 'Ubcbma Yf'6f]YZ'k]fZh'XYa 'I bhYfbY\a Yb'gW\k Yfk]Y[YbXY Jcfk ØfZY'j cfž'X]Y'j cb'Y]bYa '?`]a U'XYf'5b[ghž'XYg'8fi \underline{W} g'i bX XYf'I bq]W\Yf\Y]h'i bhYf'XYb'A]hUfVY]hYfb'VYf]W\hYb"'8]Y

5bcbma]hÀh'XYf'Jcfk ØfZY'V`Y]Vh'YXcW.'VYghY\Ybž'XU'XYf
JYfZUggYf'Ui Z'F ØW_ZfU[Yb'V]g\Yf'b]W\h'fYU[]YfhY"'6Yhf]YVgfUh
DYhYf'9b[Y``\Uh'X]YgY'6YgW\i `X][ib[Yb'YbhgW\]YXYb
ni fØW_[Yk]YgYb'ibX'Yf_`Àfhž'XUgg'X]Y'FYXin]Yfib['XYg'DYfgcbU`g
j cb'5bZUb['Ub'hfUbgdUfYbh'_ca a ib]n]Yfh'kifXY"

$: fY]k]^{``}[Ybdfc[fUaa`ibX`lbg]WXYf\Y]hYb$

I a 'XYb'A]hUfVY]hYfb'Y]bY'C dh]cb'ni 'V]YhYbž'\Uh'8 mbYcb'Y]b
: fY]k]``][Ybdfc[fUa a 'fl K DŁ'Ui Z[Y`Y[hž'k Y`W\Yg'Yg'XYb
6YgW\AZh][hYb'Yfa O[`]W\hž'ZfY]k]``]['Ui gni gW\Y]XYb"'9]b
Di b_hYgmghYa 'YbhgW\Y]XYh'ØVYf'X]Y'5i gk U\``XYf'? UbX]XUhYb"
8YbbcW\[]Vh'Yg'_f]h]gW\Y'Gh]a a Ybž'X]Y'VY\Ui dhYbž'XUgg'Y]b][Y
A]hUfVY]hYf'i bhYf'8fi W_'[YgYhnh'k YfXYbž'g]W\'ZfY]k]``]['ni
a Y`XYbž'UbXYfbZU``g'Xfc\Y'Y]bY'VYhf]YVgVYX]b[hY'?ØbX][i b["
9b[Y``VYhcbhž'XUgg'X]YgY'J cfk ØfZY'i bVY[fØbXYh'g]bX'i bX'XUgg
A]hUfVY]hYf'[i h']bZcfa]Yfh'ØVYf'XUg': K D'g]bX"

A Ufh]b ; fY]bYfžY]b '6Yhf]Y VgfUh i b X 'GYfj]WYhY W b]_Yfž ghY ``h 'ZYghž X Ugg 'X]Y 'VYj c fghY \ Yb XY 'GW\ `]Y $^{\circ}$ i b ['Y]bYb 'GW\ c W_ 'ZØf 'j]Y `Y A]hUfVY]hYf 'X UfghY ``h'' '6Ygc b XYfg 'VYhfc ZZYb 'g]b X '? c ``Y [Yb 'a]h : Ua] `]Ybj YfUbhk c fhi b ["'8]Y 'I bg]W\ Yf\ Y]h 'i b X 'X]Y : fU[Y 'b UW\ 'XYf VYfi Z]W\ Yb 'Ni _i b Zh 'VY `UghYb 'j]Y `Yž 'k \ A\ fYb X '; fY]bYf 'gY `Vgh 'V]g ni f 'GW\ `]Y $^{\circ}$ i b [']a 'I b hYfbY\a Yb 'V `Y]VYb 'a \ OW\ hYž 'X U 'Yf 'Z]b Ubn]Y `` UV [Yg]W\ Yfh ']gh'' 'Hfc hn XYa '\ Uh 'gY]h 'XYf '6Y_Ubbh[UVY 'VYfY]hg 'Y]b Yf\ YV `]W\ Yf 'HY] `` XYf '6Y `Y [gW\ UZh ' 'Yhk U ') \$ 'j c b 'ØVYf '+\$\$ A]hUfVY]hYfb ' '[Y_Øb X][h"

; $YZA \setminus fXYhY \cdot 5fVY]hgd \cdot AhnY \cdot]b \cdot XYf \cdot FY[]cb$

8]Y'GW\`]Y\ib['jcb'8mbYcb'_\ObbhY'k Y]hfY]W\YbXY': c`[Yb'ZØf'X]Y
[YgUa hY'FY[]cb'\UVYb''; fY]bYf'\Ai\in\Yfh'6Ygcf[b]g'\ØVYf'X]Y
5i gk]f_i b[Yb'Ui Z'UbXYfY'5fVY]hgd\AhnY']a '7\Ya]YdUf_'; YbXcfZz
j cf'U``Ya'Ub[Yg]W\hg'XYf'HUhgUW\Yz'XUgg'nk Y]'I bhYfbY\aYb
X]fY_h'jcb'8mbYcb!: \icf_i bghghcZZYb'UV\\Ab[Yb'''8Yf'5\hOhh]b[Yf
@UbXfUh'9fk]b'GW\bY]XYf'gYhnh'g]W\'U_h]j'Z\Øf'XYb'9f\U\h'XYg
K Yf_g'Y]bz'XU'XYf'5i g[Ub['XYg'I bhYfbY\aYbg'jcb'XYf'\Ui h'; fY]bYf

8 Yf'Gcn]U`d`Ubž'XYf'ni f'gcn]U`Yb'J YfhfÀ[`]W_Y]h'XYg'5i ggh]Y[g VY]hfU[Yb'gc``ž'k]fX'j cb'' A 'YVYbZU``g'Yfk À\bh"'Ni bY\a YbX'ghY``h g]W\'YXcW\'X]Y': fU[Y'bUW\'XYf'`Ub[Zf]gh][Yb'5fVY]hgni Zf]YXYb\Y]h i bX'XYb'5fVY]hgVYX]b[i b[Yb']a 'I bhYfbY\a Yb"'9]bY : cfgW\i b[gghi X]Y'j ca '6A 5G'i bhYfgi W\h'XYb'Ni gUa a Yb\Ub[nk]gW\Yb'XYf'5fVY]hgei U`]h\h'XYf'6YgW\\\AZh][hYb'i bX'XYa k]fhgW\UZh`]W\Yb'9fZc`['j cb'6Yhf]YVYbž'k Ug']a '?cbhYl h'XYf VYj cfghY\YbXYb'GW\`]Y»i b['j cb'8 mbYcb'VYgcbXYfg'fY`Yj Ubh']gh"

8]Y'G]hi Uh]cb'VY]'8 mbYcb'nY][h'X]Y'j]Y`ZÀ`h][Yb < YfUi gZcfXYfi b[Ybžj cf'XYbYb'A]hUfVY]hYf'i bX'l bhYfbY\a Yb']b Y]bYa 'g]W\'k UbXY`bXYb'k]fhgW\UZh`]W\Yb'l a ZY`X'ghY\Yb"'8]Y
I bg]W\Yf\Y]h'V]g'9bXY'&\$\&\) 'V`Y]Vh'ZØf'j]Y`Y'Y]bY'Ya ch]cbU`Y
6Y`Ughi b[ž'k À\fYbX'X]Y' < cZZbi b['Ui Z'Y]bY'dcg]h]j Y'K YbXY']b
X]YgYf'Ub[YgdUbbhYb'G]hi Uh]cb'YVYbZU``g'J cfUi ggYhni b['ZØf ni _ØbZh][Y'9bhgW\Y]Xi b[Yb'gY]b'_ObbhY'"

8 Y hU]`g	
J c f ZU``	GhY``YbUVVUi
Cfh	; YbXcfZž8Yi hgWX`UbX
EiY``Yb	• k k k "fcgYb\Y]a &("XY
	• k k k "Vf"XY
	• k k k "Va Ug"XY

6 Ygi W Yb 'G]Y 'i bg 'Ui Z 'b!U["bYh