

I ? K !5VgWXU`hi b[. 'A 8F 'ghY``h'9a dZUb[]b 'GUWXgYb 'Ui Z'856Ž 'i a °

A 8 F 'gW\U`hYh'Ua '&("'⇒ b]'&\$&) 'l ? K !: fYei YbnYb']b 6Ui hnYb'UV"'9a dZUb['k Y]hYf\]b'ØVYf'856Ž'i bX'±bhYfbYh a Ò[`]W\"



6Ui hnYbž'8Yi hgWX`UbX'!'<Yi hYž'Ua '&("'¾ b]'&\$&) ž']gh'Y]b

VYXYi hYbXYf'HU['ZØf'X]Y'FUX]c`UbXgWXUZh']b'GUWXgYb"'8Yf'A 8F
b]a a h'X]Y'YfghYb'GWXf]hhY'ni f'5VgWXU'hi b['gY]bYf'I ?K!

: fYei YbnYb'i bX'k YWXgY`h'_ca d`Yhh'Ui Z'856Ž'fB][]hU`'5i X]c

6fcUXWUgh]b['Ł"'8]YgY'I a ghY``i b['VYhf]ZZh'gdYn]Y```X]Y'FY[]cbYb
6Ui hnYbž'Hcf[Ui ž'A Uf_bYi _]fWXYb'i bX'9]`YbVi f["': f]gWXYghY

♣>Zcfa Uh]cbYb'Z]bXYb'g]WX'VY]'XYf'GÀWXg]gWXYbž'X]Y'XYhU]``]Yfh
ØVYf'X]Y'VYhfcZZYbYb': fYei YbnYb'VYf]WXhYh"

 \pm 0.6 Ui hnYb'j YfUVgWX]YXYh'g]WX'XYf'GYbXYf'A 8 F' \Rightarrow A D'j cb'XYf : fYei Ybn'-, ž, 'A < nž'X]Y'Xi fWX'5`hYfbUh]j Yb']b'@ÒVUi 'fl-%ž, 'A < nŁ i bX'8 fYgXYb'fl-\$ž%'A < nŁ'YfgYhnh'k]fX"'Hcf[Ui 'k]fX']b'Ni _i bZh A 8 F'G57 < G9B'Ui Z', , ž- 'A < n'j Yfa]ggYb/'X]Y'bYi Yb': fYei YbnYb

8]Y; fØbXY ZØf X]Y I a ghY``i b[

8]Y'fUX]_U`Y'A U» bU\a Y'\Uh']\fY'K i fnY`b']b'XYb'Jcf[UVYb'XYf?ca a]gg]cb'ni f'9fa]hh`i b['XYg':]bUbnVYXUfZg'f? 9: Ł"'@Ui h'Y]bYa 6Yf]W\h'XYf'856Ž'gc``Yb'XUa]h'?cghYb'[YgYb_hi bX'X]Y JYfVfY]hi b['XYf'Dfc[fUa a Y'YZZ]n]YbhYf'[YghU`hYh'k YfXYb"'8]Y D`Ubi b['XYg'A8F'g]Y\h'j cfž'XUgg'_ØbZh]['U``Y'Dfc[fUa a Y'X][]hU` ØVYf'856Ž'i bX'\bhYfbYh_UbÀ`Y'Ui g[YghfU\`h'k YfXYb"

8]Y'l a ghY`i b['YfZc`[higWkf]hhk Y]gY'ØVYf'a Y\fYfY'\\fYz'k cVY]
X]Y'j c``ghÀbX][Y'5VgWkU`hi b['U``Yf'l ?K!: fYei YbnYb'bcWk']b'XYf
Ni _i bZh``]Y[h"'\dangle X]YgYa 'Ni gUa a Yb\Ub['k]fX'XUfUi Z
\]b[Yk]YgYbz'XUgg'U`hY'l ?K!FUX]cgz']bgVYgcbXYfY']b
9a dZUb[ggWkkÀWkYb'k]Y'?ØWkYbfUX]cg'cXYf'FUX]ckYW_Yfz
a Ò[`]WkYfkY]gY'b]Wkha Y\f'ghÒfi b[gZfY]'Ya dZUb[Yb'_ObbYb"
Bi hnYf'gc`WkYf'; YfÀhY'g]bX'[i h'VYfUhYbz'fYWkhnY]h]['Ui Z'856Z'
i a ni ghY][Ybz'XU'Y]b'Y]bZUWkYg'BUWkfØghYb'b]Wkha Ò[`]Wk']ghz'k]Y
X]Y'A 8F'hYWkb]gWkY'6YfUhi b['Yf_`Àfh''

5 hYfbUh]j Yb ZØf FUX]c]YV\UVYf

#bg[YgUa h'ghY\h'X]Y'FUX]ck Y`h'GUWkgYbg'j cf'Y]bYa 'gdUbbYbXYb
I a Vfi Wkž'XYf'nY][hYž'XUgg'Yg'VY]'XYf'I bhYf\U`hi b['ghYhg
j cfk Afhg'[Y\h"8Ug'I a ghY][Yb'Ui Z'X]Y'X][]hU`Yb': fYei YbnYb
_ObbhY'g]Wk'U`g'Y]b'[i hYf'; f]ZZ'\YfUi gghY``Ybž'XYf'XYb'< Of[Ybi gg
j YfVYggYfb'_ObbhY"'GY\Yb'k]f'XYb'JYfAbXYfi b[Yb'cdh]a]gh]gWk
Ybh[Y[Yb' XYbb'X]Y'VYghY'A i g]_'i bX'gdUbbYbXY'#b\U`hY'[]Vh'Yg
bi b']b'X][]hU`Yf': cfa *</pre>

8 YhU]`g	
Cfh	6UihnYbž'8YihgW\`UbX
EiY``Yb	 k k k "gUYWX g]gWX Y"XY
	• k k k "a Xf"XY
	• k k k "XUVd`i g"XY

6Ygi WXYb G]Y i bg Ui Z. b!U["bYh