

?fmdhck À\fi b[g!; Y`XUi hca UhYb!6cca _ca a h'bUWX '?c`i a V]Yb' GWXk Y``Yb`ÀbXYf

?c`i a V]Yb']gh'nk Uf'_Y]b'@UbXžXUg']a 'JYf[`Y]W\'ni
JYbYni Y`U'cXYfY]b][Yb'UZf]_Ub]gW\Yb'@AbXYfb
?fmdhck A\fi b[Yb'Ub[Ybca a Yb'\Uhz'UVYf'Yg']gh'XUg'@UbX
a]h'XYb'nk Y]ha Y]ghYb'?fmdhck A\fi b[g!; Y`XUi hca UhYb']b
XYf'FY[]cb'@UhUa "'8Yf'; fi bX'XUZØf'_ObbhY'gY]bžXUgg
?c`i a V]Yb'Y]bYb'\c\Yb'5bhY]`'Ub'6Uf[Y`X'\Uh''8]Yg'a UW\h?fmdhck A\fi b[g!; Y`XUi hca UhYb'ni 'Y]bYa 'gY\fik]W\h][Yb
bghfi a Ybh'ZØf'X]Y'9]bZØ\fi b[']a '@UbX'''?c`i a V]Ybž'?fmdhc!
; Y`XUi hca UhYb\UZYb'\D'?c`i a V]Yb'[]Vh'Yg'XYfnY]h'Y]bYb
6cca 'j cb'?fmdhck A\fi b[g!; Y`XUi hca UhYbž'XU'X]Yg'XUg
@UbX']ghž'XUg'X]Y'nk Y]h\OW\ghY'5bnU\`'X]YgYf
; Y`XUi hca UhYb']b'XYf'FY[]cb'VY\YfVYf[h''?c`i a V]Yb'k Uf
V]g'j cf'b]W\h'U``ni '`Ub[Yf'NY]h'Ub'YfghYf'GhY``Yž'VYj cf'9`
GU'j UXcf'gY]bY'6]hWc]b!K YhhY'UVgW\`cgg'i bX'/ Ua d\Y\`']d/

?c`i a V]Yb']gh'nk Uf'_Y]b'@UbXž'XUg']a 'JYf[`Y]W\'ni
JYbYni Y`U'cXYf'Y]b][Yb'UZf]_Ub]gW\Yb'@ÀbXYfb
?fmdhck À\fi b[Yb'Ub[Ybca a Yb'\Uhž'UVYf'Yg']gh'XUg'@UbX
a]h'XYb'nk Y]ha Y]ghYb'?fmdhck À\fi b[g!; Y`XUi hca UhYb']b
XYf'FY[]cb'@UhUa "'8Yf'; fi bX'XUZØf'_ÒbbhY'gY]bž'XUgg
?c`i a V]Yb'Y]bYb'\c\Yb'5bhY]''Ub'6Uf[Y`X'\Uh"'8]Yg'a UW\h
?fmdhck À\fi b[g!; Y`XUi hca UhYb'ni 'Y]bYa 'gY\f'k]W\h][Yb
=bghfi a Ybh'ZØf'X]Y'9]bZØ\fi b[']a '@UbX"

?c`i a V]Ybž'?fmdhc!; Y`XUi hca UhYb\UZYb

#D'?c'i a V]Yb'[]Vh'Yg'XYfnY]h'Y]bYb'6cca 'j cb'?fmdhck À\fi b[g!; Y'XUi hca UhYb'ZXU'X]Yg'XUg'@UbX']ghz'XUg'X]Y'nk Y]h\OWXghY

5bnU\`'X]YgYf'; Y'XUi hca UhYb']b'XYf'FY[]cb'VY\YfVYf[h''

?c'i a V]Yb'k Uf'V]g'j cf'b]Wkh'U``ni '`Ub[Yf'NY]h'Ub'YfghYf'GhY``Yz

VYj cf'9`'GU'j UXcf'gY]bY'6]hWc]b!K YhhY'UVgWk`cgg'i bX'Yf_`Afh'XUg

ZØ\fYbXY'[YgYhn`]WkY'NU\`i b[ga]hhY`'ZØf'?fmdhck À\fi b[Yb''

8YfnY]h'[]Vh'Yg']b'?c'i a V]Yb') \$'; Y`XUi hca UhYb'ZØf

?fmdhck À\fi b[Ybz'UVYf'X]Y'; fØbXY'ZØf'X]YgYb'6cca 'g]bX'Y]b][Yb
bcWk'b]Wkh'_`Uf''

?c`i a V]Yb']gh'b]Wkh'VYgcbXYfg'VY_Ubbh'ZØf'gY]bY'9]bZØ\fi b['j cb ?fmdhck À\fi b[Ybž'i bX'gY]bY'6YhY]`][i b['Ub'?fmdhck À\fi b[Yb Ui Z'FY[]Yfi b[gYVYbY'k Uf'Ui Z'Y]bY'fY[i `Uhcf]gWkY'VYgWkfÀb_h'GUbX_UghYb'XUgg'XYf'5i ghUi gWk'a]h'6Ub_Yb'`Ài Zh"'9g'gWkY]bh YxcWk'Y]b'ni bY\a YbXYg'\deltahYfYggY'j cb'?fmdhck À\fi b[g!; Y`XUi hca UhYbi bhYfbY\a Yb'ni 'VYghY\Ybž']\fY'8]YbghY'Xcfh Ubni V]YhYb"'8]Yg'_ObbhY'a]h'XYf'BÀ\Y'ni 'J YbYni Y`U'i bX'XYa fY[Yb'<UbXY`gUi ghUi gWk'nk]gWkYb'X]YgYb'VY]XYb'@ÀbXYfb'ni 'hi b\\UVYb"

8 UfØVYf'gU[hY'5`Y'UbXfc'6Y`hf½bž'79C'jcb'6iXUž'Y]bYf']b'@UhUaUbgÀgg][Yb'6ÒfgY': cfVYg.

?c`i a $V]Yb']gh'bUW\k k]Y'j cf'Y]b'k]W\k h][Yf'?fmd hc! < i <math>V']b$ 6Yni ['Ui Z'X]Y'HfUbgU_h]cbU`]h\k h\k i bX'XU'J YbYni Y`U'i bhYf

XYb 'Hcd'' 'XYg'[`cVU`Yb '5Xcdh]cbg]bXYI '`]Y[hž'a UW\h'X]Y; fYbndcg]h]cb'; Y`XUi hca UhYb'ni '[i hYb'5`hYfbUh]j Yb'ZØf JYfVfUi W\Yf"

. . .

NU\`Yb'i bX'9f_`Àfi b[Yb

8]Y?fmdhck À\fi b[g!; Y`XUi hca UhYb`g]bX`\Ui dhgÀW\`]W\`]b`XYf < Ui dhghUXh`XYg`@UbXYgž'6c[chUž'_cbnYbhf]Yfhž'k c`Yg`&-`[]Vh" GYW\\g`VYZ]bXYb`g]W\`]b`A YXY``£bž'XfY]`]b`6i WUfUa Ub[U`i bX DYfY]fUž'X]Y`fYgh`]W\Yb`g]bX`Ub`UbXYfYb`CfhYb`j YfghfYi h"`8]Yg nY][h`XYi h`]W\\Z`XUgg`X]Y`a Y]ghYb`?fmdhc!; Y`XUi hca UhYb`]b GhUXh[YV]YhYb`_cbnYbhf]Yfh`g]bXZ`UVgY]hg`XYf`; fYbnYb"`8]YgY HUhgUW\Y`gW\Y]bh`X]Y`HfUbgU_h]cbU`]hÀh`nk]gW\Yb`@ÀbXYfb`U`g`Y]bY k]W\\h][Y`hfY]VYbXY`?fUZh`\]bhYf`XYa `5HA!Jcfghc» Ui gni gW\`]Y»Yb"`6Y`hfUb`\Uh`YXcW\`Y]bY`UbXYfY`H\Ycf]Y`ni X]YgYa `6cca "

?c`i a V]Yb']gh'Y]bYg'XYf'ZØ\fYbXYb'@ÀbXYf'ZØf'X]Y
6Uf[Y`Xbi hni b[']b'XYf'FY[]cbž'i bX'X]YgY'; Y`XUi hca UhYb'\Y`ZYb
XYb'?i bXYb'VY]'XYf'JYfk U`hi b['i bX'5Vk]_`i b['j cb'; Y`XYfbž
X]Y'a]h'XYb'U_hi Y``Yb'6Yg\\\fÀb_i b[Yb'XYg'6Ub_YbgY_hcfg'XYg
@UbXYg'b]\\\h'Y\\\Z]n]Ybh'[Ybi hnh'k YfXYb'_\ObbhYb"'5Vg\\\`]Y»YbX
gU[hY'6Y`hfUb.

K]f'[`Ui VYbž'XUgg'X]Yg'Y]bYf'XYf'[fc»Yb'6Y]hfÀ[Y'XYg GY_hcfg'gY]b'_Ubbž'XUa]h'XUg'² _cgmghYa 'k Y]hYf\]b j Yfh]_U`'k ÀW gh"

K Ug`\U`hYb`G]Y'j ca '6cca 'XYf'?fmdhck À\fi b[g!; Y`XUi hca UhYb']b'?c`i a V]Yb3'GU[Yb'G]Y'Yg'i bg']a

?ca a YbhUfVYfY]WX i bhYb"

6] `XbUW k Y]gY. G\i hhYfghcW_žD]I UVUmžK]_] 7ca a cbg

fZ bWh]cbfXžgž]XŁoj Uf~gžZgʻ1 X"[Yh9`Ya Ybhg6mHU[BUa YfgŁO\$Q']ZfK"[Yh9`Ya Ybh6m=Xf]XŁŁfYhi fb/gʻ1 X"WfYUhY9`Ya YbhfgŁ/gʻ]X1]X/gʻgfWl ~\hhdg.#WcbbYWh'ZUWYVcc_"bYh#YbSl G#gX_"g, I ZVa `1 %/j Yfg]cb1j' "&~/ZgʻdUfYbhBcXY"]bgYfh6YZcfYflgžZgŁ/qfXcW a YbhžfgWf]dhfžfZUWYVcc_!ggX_fŁŁ/

8 YhU]`g

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. '_fmd hc!b Yk g"Uh