

: `i W\ h'Ui g'XYf'? O`bYf'DgmW\]Uhf]Y. 'Dc`]nY] gi W\ h'5VXi `'C bghY]b!? UfUXYa]f°

9]b'', !'À\f][Yf'GhfUZhÀhYf'Zc\'Ua '%, "\$*"&\$&) 'Ui g'XYf ZcfYbg]gW\Yb'?`]b]_'?Ò`b"'Dc`]nY]'gi W\h'Xf]b[YbX'bUW\ <]bk Y]gYb"



? O`b!Dcfn!; fYa VYf[\cjYbž'8Yi hgWX`UbX'!'5a
A cbhU[UVYbXž'XYa '%, "'\$ b]'&\$&) ž'YfgWXØhhYfhY'Y]bY': `i WXh'Ui g
Y]bYf'ZcfYbg]gWXYb'?`]b]_']b'?O`b'X]Y'2 ZZYbh`]WX_Y]h"'8Yf
',!'À\f][Y'5bXfY'CbghY]b!?UfUXYa]f']gh'k À\fYbX'Y]bYg'VYhfYi hYb
GdUn]Yf[Ub[g'Ui g'XYf'@F!?`]b]_']b'?O`b!Dcfn!; fYa VYf[\cjYb
Ybh_ca a Yb"'5_hi Y```]gh'X]Y'Dc`]nY]'?O`b'Ui Z'XYf'Gi WXY'bUWX'XYa
A Ubbž'XYf'gY'Vgh'Ua '8]YbghU[UVYbX'bcWX'b]WXhY]b[YZUb[Yb
k YfXYb'_cbbhY"'8]Y':U\bXi b[']gh'a]h'Y]bYa '5i Z[YVch'Ub'Dc`]nY]!
<i VgWXfUi VYfb'i bX'<i bXYfhgWXUZhYb'[YghUfhYh'k cfXYbž'V]g\Yf
'Y]XYf'c\bY'9fZc`["'8]Y'Dc`]nY]'hY]'h''YxcWX'a]hž'XUgg'j cb']\a
ni fnY]h'_Y]bY'; YZU\f'ZØf'X]Y'2 ZZYbh`]WX_Y]h'Ui g[Y\hž'k Ug
ni a]bXYghYhk Ug'ni f'6Yfi \][i b['VY]hfÀ[h"H!Cb`]bY'VYf]WX hYh"'

C bghY]b!? UfUXYa]fžXYf'k Y[Yb'dgmWk]gWkYf'9f_fUb_i b[Yb'dYf;Yf]Wk hgVYgWk i gg']a 'A U» fY[Y'] c``ni ['i bhYf[YVfUWkh'k Ufž\UhY]bY'Ui ZZÀ``][Y'6YgWkfY]Vi b["'9f']gh'nk]gWkYb'%ž+\$'i bX'%ž,\$

A YhYf'[fc» ž'hfÀ[h'Xi b_Y`V`Ui Y'¾UbgžY]b'gWk k UfnYg'H!G\]fh'i bX
[fUi Y'GbYU_Yf"'Ni XYa 'g]bX'nk Y]'a Uf_UbhY'B UfVYb'ni 'gY\Yb.
Y]bY'@ZÒfa][Y'Ua 'I bhYfUfa 'i bX'Y]bY'Ub'XYf'`]b_Yb'<UbX"'9]b
ghYfbYbZÒfa][Yg'HUhhcc'n]Yfh'gY]bYb'fYWkhYb'C VYfUfa ž'k À\fYbX
Yf'a]h'gWk`Ub_Ybž'VfUi bYb'<UUfYb'i bX'5i [Yb'VYgWkf]YVYb'k]fX"
8]Y'Dc`]nY]'\Uh'VYfY]hg'nk Y]': U\bXi b[gZchcg'j YfÒZZYbh`]Wkhži a
X]Y'2 ZZYbh`]Wk_Y]h'i a 'I bhYfghØhni b['ni 'V]hhYb"'NYi [Yb'k YfXYb
[YVYhYbž'5i ZZÀ``][_Y]hYb'gcZcfh'ni 'a Y`XYbž'Ybhk YXYf'hY`YZcb]gWki bhYf'\$&&%'&-!\$'cXYf'dYf'9!A U]`'Ub
dcghghY``Y'"_cY`b4 dc`]nY]"bfk "XY"

8 Yf'A U» fY[Y'j c``ni ['i bX'gY]bY < YfUi gZcfXYfi b[Yb

9]b '6`]W_'Ui Z'X]Y '<]bhYf[fØbXY 'nY][hž'XUgg'C bghY]b!? UfUXYa]f Ui Z[fi bX'gY]bYf'dgmWX]gWXYb 'J YfZUggi b['i bX'Y]bYf'j Yfa]bXYfhY GWX i `XZÀ\][_Y]h'i bhYf'XYa 'A U» fY[Y`j c``ni ['ghY\h'' 8]Yg']gh'Y]b 6YfY]WX 'XYg' \Rightarrow gh]ngmghYa gž']b 'XYa 'GhfUZhÀhYf'Ui Z[fi bX dgmWX]gWXYf'cXYf'Gi WXhYf_fUb_i b[Yb']b 'ZcfYbg]gWX! dgmWX]Uhf]gWXY'? `]b]_Yb'Y]b[Yk]YgYb'k YfXYb'' ']a '; Y[YbgUhn'ni gWX i `XZÀ\][Yb'HÀhYfbž'X]Y']b' \Rightarrow gh]nj c``ni [gUbghU`hYb'`UbXYb'' =a A U» fY[Y`j c``ni ['[]`h'Ygž'X]Y'DUh]YbhYb'Ui Z'Y]bY'a Ò[`]WXY FY]bhY[fUh]cb']b'X]Y'; YgY``gWXUZh'j cfni VYfY]hYb'''

9g'V'Y]Vh'UVnikUfhYbž'k]Y'`Ub[Y'CbghY]b!?UfUXYa]f'VYfY]hg']b'XYf

?`]b]_'k Uf'i bX'i bhYf'k Y`W\Yb'6YX]b[i b[Yb'X]Y': `i W\h'ni ghUbXY _Ua "'@Ui h'9| dYfhYb'_ObbYb'@c\W_Yfi b[Yb']a 'A U\\fY[Y`j c``ni [bi f'VY]'bUW\[Yk]YgYbYb'H\YfUd]YZcfhgW\f]hhYb'YfZc`[Ybž'k Ug'X]Y: $fU[YghY``i b[ž'k]Y'hfU[VUf'X]Y'G]hi Uh]cb'ZØf'X]Y'?`]b]_'i bX'X]Y: YgY``gW\UZh']ghž'Ui Zk]fZh''?`]b]_i a 'K Y]\\Yb\cZ'V]YhYh'\]Yfni Ui <math>gZ\emptyset\f`]WXY'=bZcfa Uh]cbYb''$

6Øf[Yf'k YfXYb'Y]bXf]b[`]W\'Ui Z[YZcfXYfhž'Fi\Y'ni 'VYk U\fYb'i bX]a ': U``Y'Y]bYf'G]W\hi b['XYg': `ØW\h][Yb'X]fY_h'X]Y'Dc`]nY]'ni j Yfgh\ddot X][Yb"'G]W\Yf\Y]h'[Y\hij cfž'Ui W\'k Ybb'X]Y'I a gh\ddot bXYX]YgYf': `i W\hij Yfgh\dot fYbX'g]bX"

8 Y hU]`g	
Cfh	?Òb!Dcfn!; fYa VYf[\cjYbž8Yi hgW\`UbX
EiY``Yb	• k k k "h!cb`]bY"XY
	• k k k "hU[&("XY
	• k k k "_`]b]_i a !k Y]ggYb\cZ"XY

6Ygi WXYb G]Y i bg Ui Z a Y]b!_cY`b"bYh