

9]bVfi WX ']b'; ØW_]b[Yb. '?`]a UUb`U[Y'i bX K Yf_nYi [Y'Ybhk YbXYh

±b; ØW_]b[Yb'kifXY']b'XYf'BUW\h'UiZ'A]hhkcW\']b'Y]bYb6UiWcbhU]bYf'Y]b[YVfcW\Yb/8]Y'Dc`]nY]'giW\h'NYi[Yb"

9]bVfØWXY']b'6Ui WcbhU]bYf.'5i gk]f_i b[YbUi Z'X]Y'`c_U`Y'; Ya Y]bgWXUZh

 $8]Y \land \emptyset b [ghYb \land 9]bVf \emptyset WXY \land]b ; \emptyset W_]b [Yb \land YfZYb \land Y]b \land GWX \land U[`]WX h \land Ui ZX]Y \land Yf Ui gZcfXYfi b [Yb Ž a]h \land XYb Yb \land GUi ghY ``Yb i b X \\ 6Ui i b h YfbY \ a Yf '_cb Zfcbh]Yfh \land g]b X "' <math>\Rightarrow$ `XYf `B UWX h 'j cb `8]Y b ghU [Ui Z A]hhk c WX `k i fXY \ Y]b `V `Ui Yf `GUi WcbhU]b Yf `]b `XYf \\ C f Ub]Y b ghY]b Yf `Ghf U >> Y `N]Y ``Y]b Yg `9]b V fi WX g " `8]Y `HUh `YfY][b YhY g]WX `Xi f WX `XUg `5 Va cbh]Yf Yb `Y]b Yf `? `]a UUb `U[Y Ž k c Xi f WX `Y]b \\ Ni [Ub [`[YgWX UZZYb `k i f XY "' \Rightarrow `XYf : c`[Y k i f XYb `XfY] \\ 6c \ fa UgWX]b Yb `i b X `X]Y `? `]a UUb `U[Y `gY `Vgh `[Yghc \ `Yb "

8]Y 6YXYi hi b[XYfG]WXYfY]h a 6Ui k YgYb

8]YgYf'JcfZU``nY][h'X]Y'Bchk YbX][_Y]h'Xc_i a Ybh]YfhYf G]W\Yf\Y]hga U»bU\a Yb'Ui Z'6Ui ghY``Yb"'8]Y'6Yi hY'j cb <UbXk Yf_nYi [Yb'i bX'; YfÀhYb'\Uh'b]W\h'bi f'Z]bUbn]Y``Y': c`[Yb ZØf'X]Y'6Ui i bhYfbY\a Ybž'gcbXYfb'_Ubb'Ui W\'NY]hj YfnÒ[Yfi b[Yb VY]'Dfc Y_hYb'j Yfi fgUW\Yb"'8]Y'7ca a i b]hmž'X]Y'Ui Z'X]Y : Yfh][ghY``i b['X]YgYf'Dfc Y_hY'Ub[Yk]YgYb']ghž'_ÒbbhY'YVYbZU``g VYhfcZZYb'gY]b"'9]b'g]W\YfYf'5fVY]hgd`Uhn'[Yk À\f`Y]ghYh'b]W\h'bi f XYb'GW\i hn'j cb'A UhYf]U`]Ybž'gcbXYfb'Ui W\'X]Y'G]W\Yf\Y]h'XYf A]hUfVY]hYf'j cf'dchYbh]Y``Yb'8]YVghÀ\`Yb'i bX', VYf[f]ZZYb"

8]Y'Dc`]nY]]bgdY_h]cb'8]Yn'\Uh'X]Y'9fa]hhìi b[Yb'Ui Z[Ybca a YbibX'gi WhibUW\'<]bk Y]gYb"'K Yf'\DZcfa Uh]cbYb'ni 'XYa 'J cfZU``\Uhz'k]fX'[YVYhYbz'g]W\'i bhYf'XYf'HY`YZcbbi a a Yf'\\$*('\&!*\\$\%\ni\a Y`XYb"'Gc`\W\Y'5i Zfi ZY'g]bX'Ybhg\W\Y]XYbXz'i a 'Y]bY'g\W\bY``Y 5i Z_`\Afi b['ni 'Yfa \O[\`]\W\Yb'i bX'X]Y'G]\W\Yf\Y]h']b'XYf BU\W\VUfg\W\UZh'ni 'Z\OfXYfb"'9g']gh'j cb'6YXYi hi b[\z'XUgg'X]Y ; Ya Y]bg\W\UZh'ni gUa a YbUfVY]hYhz'i a 'gc`\W\Y'J\YfVf\W\Yb'ni j\Yf\]bXYfb"

GWXi hna U» bU\a Yb ZØf 6Ui i bhYfbY\a Yb

I a 'ni _ØbZh][Y'JcfZÀ``Y'ni 'j Yfa Y]XYbžgc``hYb'6Ui `Y]hYf

ØVYf`Y[Ybžni gÀhn`]W\Y'G]W\Yf\Y]hgj cf_Y\fi b[Yb'ni 'hfYZZYb"'8Uni
nÀ\`Yb'i bhYf'UbXYfYa 'X]Y' ≠bghU``Uh]cb'j cb

, VYfk UW\i b[g_Ua YfUg'i bX'U`Ufa [Yg]W\YfhYb'7cbhU]bYfb"

Gc`W\Y'DfÀj Ybh]j a U» bU\a Yb'_ÒbbYb'\Y`ZYbž'XUg'F]g]_c'j cb

8]YVghÀ\`Yb'ni 'a]b]a]YfYb'i bX'`Ub[Zf]gh]['X]Y'?cghYb'ZØf
I bhYfbY\a Yb'ni 'gYb_Yb"

: Un]h. 9]b GWX f]hh]b F]WX hi b[<math>G]WX Y f Y]h

8 Yf'9]bVfi W\]b'; ØW_]b[Yb']gh'Y]b'K YW_fi Z'ZØf'X]Y'6Ui]bXi ghf]Y i bX'X]Y'i a `]Y[YbXY'; Ya Y]bgW\UZh"'9g']gh'k]W\h][ž'XUgg'k]f'U`g; YgY``gW\UZh'X]Y'F]g]_Yb'Yf_YbbYb'i bX'GW\f]hhY'i bhYfbY\a Ybži a 'g]W\Yfni ghY``Ybž'XUgg'6Ui ghY``Yb'[i h'[YgW\Øhnh'g]bX"'8]Y?ccdYfUh]cb'a]h'XYf'Dc`]nY]'_Ubb'YbhgW\Y]XYbX'gY]bž'i a 'X]Y?f]a]bU`]hÀhgfUhY'ni 'gYb_Yb'i bX'; ØW_]b[Yb'ni 'Y]bYa 'g]W\YfYfYb Cfh'ZØf'U``Y'ni 'a UW\Yb"

A Y\f'\delta Zcfa Uh]cbYb'ni 'X]YgYa 'H\Ya U'Z]bXYb'G]Y']b'XYb
DfYggYa Y'Xi b[Yb'XYf'Dc']nY]'F\Y]b'UbX!DZU'n"'8]Y
Dc']nY]X]fY_h]cb'A cbhUVUi f'ghY'`h'g]W\Yfž'XUgg'gc'W\Y'JcfZ\'Y
nY]hbU\'_ca a i b]n]Yfh'k YfXYbž'i a 'XUg'6Yk i gghgY]b'ZØf
?f]a]bU']h\h'i bX'G]W\Yf\Y]h']b'XYf'FY[]cb'ni 'Z\h'fXYfb"

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