

A]YhYf']b'A Yhfcdc`Yb.'BYVYb_cghYbghY][Yb'ghUf_'i bX'VY`UghYb'<Ui g\U`hY

GhY][YbXY'BYVYb_cghYb'VY`UghYb'A]Yh\Uig\U`hY']b
8 Yi hgW\`UbX.'\d=b'XYb'[fc\) Yb'A Yhfcdc`Yb'g]bX'X]Y
A]YhbYVYb_cghYb'gY]h'XYf'9bYf[]Y_f]gY'&\$&&ia'V]g'ni'&\$
DfcnYbh'[Ygh]Y[Yb''9fZU\fYb'G]Y']b'i bgYfYa'5fh]_Y`ž'k Ufia
]bgVYgcbXYfY'6YghUbXgk c\bib[Yb'ghAf_Yf'VYhfcZZYb'g]bX
i bX'k Y`W\Y'Z]bUbn]Y``Yb'5i gk]f_i b[Yb'X]Yg'ZØf'A]YhYf'\Uh''
5``Yg'ni'XYb'9bhk]W_`i b[Yb'XYf'BYVYb_cghYb'i bX']\fYb
5bhY]`Yb'Ub'XYf'; YgUa ha]YhY'Z]bXYb'G]Y'\]Yf''



±b 'XYb '`YhnhYb 'nk Y] '≯J\fYb 'g]bX 'X]Y 'BYVYb_cghYb 'ZØf 6YghUbXgk c\bi b[Yb ']b '8 Yi hgWX `UbXg 'GhÀXhYb'i a UhYa VYfUi VYbXY'&\$'DfcnYbh'[Ygh]Y[Yb*'8]Y'8ifWkgWkb]hhgk YfhY gdfYWkYb'Y]bY'XYih']WkY'GdfUWkY.'A]YhYf']b'XYb'AYhfcdc'Yb a ØggYb'Yhnh'Â\f`]Wk'fibX'(&%'9ifc'aY\f'Ub'BYVYb_cghYbY]bd'UbYb'U`g'XYf'FYgh'XYg'@UbXYg"'8]YgY'd`Òhn`]WkY'9f\Ò\ib[hf]ZZh'j]Y`Y'<Uig\U`hY'a]hhYb']bg'6iX[Yh'ibX'XUg']b'Y]bYf'NY]hž']bXYf'X]Y'?U`ha]YhYb'c\bY\]b'gWkcb'qdfib[\UZh'UbghY][Yb*

9]b $XcddY^hYfGWX^U[ZØfX]Y^; Y^XVOfgY^$

GhY][YbXY'9bYf[]YdfY]gYž±bZUh]cb'i bX'\Ò\YfY'@c\b_cghYbhfY]VYb'X]Y'BYVYb_cghYb'bUW\'cVYb'i bX'VY`UghYb'A]YhYfž'X]Yc\bY\]b'i bhYf'ghY][YbXYb'?U`ha]YhYb'`Y]XYb ž'k Ufbh'8f"; YgU7fcW_ZcfXž'; YgW\ÀZhgZØ\fYf]b'j cb'=a a cGWci h&("'8Ug'VYXYi hYhB]W\h'bi f'X]Y'A]YhY'U`g'gc`W\Y'k]fX'hYi fYfž'gcbXYfb'Ui W\'X]YXUni [Y\Òf][Yb'BYVYb_cghYb'YI d`cX]YfYb'i bX'gcf[Yb'ZØf'Y]bYXcddY`hY'6Y`Ughi b['XYf'<Ui g\U`hY']b'8Yi hgW\`UbX"

 $= 3 \times \text{Mu} \cdot \text{my} \cdot \text{mx} \cdot \text{my} \cdot \text{mx} \cdot \text{my} \cdot \text{my}$

BYVYb_cghYb'U`g'<UidhdfcV`Ya'ZØf'A]YhYf

5i WX 'X]Y 'B Yi VUi k c\bi b[Yb 'g]b X 'j cb 'X]YgYf 'DfY]ggd]fU`Y
VYhfc ZZYb ž'k Ybb 'Ui WX 'b]WX h 'gc 'ghUf_ 'k]Y 'X]Y '6 YghUb Xga]YhYb"
<]Yf``]Y[h'XYf '5 bgh]Y[']a a Yf\]b 'VY] 'ØVYf '%\$ 'Dfc nYbh 'gY]h '5 b ZUb[
&\$ & "'6Y] 'B Yi VUi hYb ']b 'XYb 'GhÀXhYb 'nU\`Yb 'X]Y 'A]YhYf
Xi fWX gWX b]hh`]WX '' ž(, '9i fc 'dfc 'E i UXfUha YhYf" '8 c WX 'X]Y
I bhYfgWX]YXY 'ni f 'fYgh`]WX Yb 'F Ydi V`]_ 'g]b X 'i b ØVYfgY\VUf.': Øf
Y]b Y 'B Yi VUi a]Yhk c\bi b['a ØggYb 'X]Y 'A]YhYf']b 'XYb 'A Yhfcdc `Yb
a]h'a cbUh`]WX '((ž%\$ '9i fc 'a Y\f'fYWX b Yb '' 8 Ug'a UWX h'ZØf'X Ug' *\J\f
ZUgh') '\$ '9i fc 'Y]b Y 'ni gÀhn`]WX Y '6 Y`Ughi b[ž'X]Y 'j]Y 'Y 'b]WX h'a Y\f
ghYa a Yb '_ObbYb"

8]Y'BYVYb_cghYbž'X]Y'Ui W\'6Yhf]YVg_cghYb'[YbUbbh'k YfXYbž i a ZUggYb'YggYbh]Y``Y'8]YbghY'k]Y'<Y]n_cghYbž'K UggYf'cXYf A Ø``UVZ\\f"'8cW\'k\A\fYbX'X]Y'GhAXhY'i bhYf'XYb'\c\Yb'DfY]gYb ZØf'8]YbghY]ghi b[Yb'`Y]XYbž'V`Y]Vh'Ui W\'XYf'`AbX`]W\Y'FUi a 'b]W\h j YfgW\cbh '8cfh']gh'XYf'DfcnYbhgUhn'XYf'BYVYb_cghYb'Ub'XYf ; YgUa ha]YhY'\O\Yf"8]Y'A]YhYf'Ui »Yf\U`V'XYf'AYhfcdc`Yb nU\`Yb'nk Uf'k Yb][Yf']b'UVgc`i hYb'NU\`Ybž'UVYf'Y]b'[fO`»YfYf'HY]`]\fYg'9]b_ca a Ybg'[Y\h'ZØf'X]YgY': U_hcfYb'XfUi Z'

9]bY =a a cGWci h&(!I a ZfU[Y'\Uh'ni XYa 'Yf[YVYbž'XUgg'* - DfcnYbh'XYf'df]j UhYb'JYfa]YhYf'd`UbYbž']\fY'6Yhf]YVg_cghYb']b Ni _i bZh'ni 'Yf\ \dot{O} \Yb"8Ug'` \dot{A} ggh' \dot{A} ggh' \dot{A} OgYg'YfU\bYb'ZØf' \dot{A} JYhYfž'X]Y'Yhnh gW\cb'i bhYf'XYf'k]fhgW\UZh`]W\Yb'8fi W_'`Y]XYb"

Ni gUa a Yb[YZUggh'ghY\Yb'8Yi hgW\`UbXg'A]YhYf'j cf'Y]bYf Ybcfa Yb'<YfUi gZcfXYfi b[.'GhY][YbXY'?U`ha]YhYb'i bX Yl d`cX]YfYbXY'BYVYb_cghYb'hfY]VYb'j]Y`Y'A YbgW\Yb']b'X]Y :]bUbW]U`'8]`Ya a U''K Yf'k]fX'bcW\']b'XYf'@U[Y'gY]bž'g]W\'X]Y K c\bi b['ni '`Y]ghYbž'k Ybb'X]Y'?cghYb'k Y]hYf'i b_cbhfc``]Yfh UbghY][Yb3

8 Y hU]`g

6Ygi WXYb G]Y i bg Ui Z. a Y]b!VYf`]b bYh