

DUb_ck Yf'5i gV]`Xi b[gdfY]g'&\$&(.'J]Yf I bhYfbY\a Yb'ZØf'¾ [YbXZÒfXYfi b[[YY\fh

9fZU\fYb`G]Y`U``Yg`ØVYf`X]Y`JYf`Y]\ib[`XYg`DUb_ck Yf
5i gV]`Xi b[gdfY]gYg`&\$&(ž`X]Y`Ua `%- "`GYdhYa VYf`]b`XYf
K 569`ghUhhZUbX"`8Yf`DfY]g`k ØfX][h`I bhYfbY\a Ybž`X]Y`g]W\
ZØf`X]Y`VYfi Z]W\Y`Ni _i bZh'j cb`\$[YbX`]W\Yb`]b`DUb_ck
Yb[U[]YfYb"`9bhXYW_Yb`G]Y`X]Y`DfY]ghfÀ[Yf`i bX`XYfYb\
VYgcbXYfY`@Y]ghi b[Yb`]b`XYf`5i gV]`Xi b["`K Y]hYfY
\DZcfa Uh]cbYb`Z]bXYb`G]Y`Ui Z`k k k "Ui gV]`Xi b[gcZZYbg]j Y!\
dUb_ck "XY"



"8 fUa U'Ui Z'XYf'6 \emptyset \bY'XYf'K 569°5a '%- "'GYdhYa VYf'&\$&('i a %, 'I \f'k i fXY'XYf'%) "'DUb_ck Yf'5i gV]'Xi b[gdfY]g'j Yf']Y\Yb' 'Y]b YW\hYg'<][\`][\h'Z\Øf'Yb[U[]YfhY'I bhYfbY\a Ybž'X]Y'g]W\'Z\Øf'X]Y Ni _i bZh'i bgYfYf' \Rightarrow [YbX`]W\Yb'Y]bgYhnYb°8]YgYf'DfY]g'k]fX'b]W\h bi f'Z\Øf'X]Y'VYghYb'5i gV]'Xi b[gVYhf]YVY'j Yf[YVYbž'gcbXYfb']gh Ui W\'XUg'<Yfngh\Ø_'XYf' 5i gV]'Xi b[gcZZYbg]j Y'DUb_ck

"<i bXYfhY'j cb'5i [Yb'k UfYb'Ui Z'X]Y'6Ø\bY'[Yf]W\hYhž'U`g'X]Y
DfY]ghfÀ[Yf'[YZY]Yfh'k i fXYb°'I bhYfbY\a Yb'Ui g'XYa '6Yn]f_
DUb_ck ž'X]Y'g]W\'V]g'ni a '' %"'\$\'\]'&\\$\((\'\Z\O\f'X)Y'Bca\']b]Yfi b[
ei U`]Z]n]YfYb'_cbbhYbž'nY][hYbž'k]Y'k]W\h]['X]Y': \(\O\f'X)Yfi b['j cb\']BUW\ki W\ghU`YbhYb']qh"'5VYf'kYf'g]bX'X]Y'['\O\W_`]W\Yb'; Yk]bbYf3</pre>

8]Y ghfU\`YbXYb; Yk]bbYf

"#D'Y]bYa 'gdUbbYbXYb'K Yhh_Ua dZ'k i fXYb'X]Y'D?B

8 UhYb_ca a i b]_Uh]cbg'; a V<#D?B'8 UhYbj YfbYhni b[g'; a V<ž'XUg

D5F #HŸH-G7<9'GYb]cfYbk c\bYb'i bX'X]Y'; 9GC 65I '5; 'U`g'Hcd!

5fVY]h[YVYf'[Y_Øfh'8]YgY'I bhYfbY\a Yb'[`ÀbnYb'Xi fWX']\f

Ui »Yf[Yk Ò\b`]WXYg'9b[U[Ya Ybhž'ghY][YbXY', VYfbU\a Yei chYb

ZØf'5i gni V]`XYbXY'i bX'Yb[Y'Ni gUa a YbUfVY]h'a]h'GWXi `Yb"'9]b

YWXhYf'J cfV]`XWXUfU_hYf'''

BYi i bX Ui ZfY[YbX. 8Ug 5ni V] Jch]b[°

": Øf'Zf]gWXYb'K]bX'gcf[hY']b'X]YgYa '\J\f'XUg'bYi Y'5ni V]'Jch]b['\centricles of Zf]gWXYb'X]Y'5i gni V]'XYbXYb']\fYb'Y][YbYb \centricles of Zf\gV]'Xi b[gVYhf]YV'j cfgWX`U[Yb'i bX'XUVY]'' \centricles of Zf\gV]'Xi b[gVYhf]YV'j cfgWX`U[Yb'i bX'XUVY]'' \centricles of Zf\gV o

"K Ug'[]Vh'Yg'bcW\'ZØf'X]Y'DfY]ghfÀ[Yf3'¾XY'5i gnY]W\bi b['_Ua a]h'Y]bYf'I f_i bXY'i bX'Y]bYf'XY_cfUh]j Yb'DfY]ghUZY`'ni a 5i Z\Àb[Yb°'5i »YfXYa 'k i fXYb' =a U[YZ]`a Y'ØVYf'X]Y'g]Y[fY]W\Yb I bhYfbY\a Yb'[YZ]`a h' 'Y]b'YW\hYf'K YfVY\]h''I bX'Ui W\'Ui Z'XYf K YVg]hY'k k k "Ui gV]`Xi b[gcZZYbg]j Y!dUb_ck "XY'k YfXYb'g]Y'bi b dfÀgYbh]Yfhži a 'k Y]hYfY'HU`YbhY'ni '[Yk]bbYb"''

``K Yf`a Y\f`ØVYf`X]Y`DfY]ghfÀ[Yf`i bX`X]Y`5i gV]`Xi b[gcZZYbg]j Y YfZU\fYb`a ÒW\hYž`_Ubb`g]W\`Ui Z`XYf`cZZ]n]Y``Yb`K YVgY]hY]bZcfa]YfYb°`8]YgY`DfY]gY`g]bX`b]W\h'bi f`5i gnY]W\bi b[Ybž'g]Y .

8 Y hU]`g

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