

G]`j YghYf`]b`6Yf`]b.`7\Ucgž'5b[f]ZZY`i bX nU\`fY]WXY'JYf`YhnhY°

6Yf`]b'Yf`YVhY'Y]bYb'W\Uch]gW\Yb'\J\fYgk\YW\gY`'&\&(#\&\&) a]h'[Yk\U`hgUa\Yb'J\cfZ\A``Yb\Z'nU\`fY]W\Yb':\YghbU\a\Yb'i\bX\ DfcV`Ya\Yb'\Y]'XYf'K\UggYfj\Yfgcf[i\b["

6Yf`]b Yf`YVhY`ni `G]`j YghYf`&\$&(#&\$&) `Y]bY`W\Uch]gW\Y`BUW\hž k À\fYbX`\i bXYfhY`j cb`A YbgW\Yb`XUg`bYi Y`\J\f`ZY]YfhYb"

\[
\dangle a]hhYb`j cb`: Yi Yfk Yf_`i bX`: Y]Yfgh]a a i b[`_Ua `Yg`ni [Yk U`hgUa Yb`5i ggW\fY]hi b[Ybž'X]Y`X]Y`Dc`]nY]`j cf`[fc\gamma Y\]

\[
\text{YfUi gZcfXYfi b[Yb`ghY``hYb"`6Yf]W\hYb'j cb`6Yf`]b`@]j Y`ni Zc`[Y\]

\[
\k i fXYb`]b`XYf`BUW\hYhk U`'\ \$`DYfgcbYb`ZYgh[Ybca a Ybž\]

\k \A\fYbX`%'\ `Dc`]nY]VYUa hY`hY]`g`gW\k YfY`J Yf`Yhni b[Yb`Yf`]hhYb"

9]b`gW\k Yf`j Yf`YhnhYf`Dc`]n]gh'a i gghY`Ui Z[fi bX`Y]bYg`\UfhYb

5b[f]ZZg`Xi fW\Y]bYb`a i ha U\gamma`]\dangle Y[Ui Yb`: Yi Yfk Yf_g_\degree)fdYf\]

bchcdYf]Yfh`k YfXYb"`9f`i bX`Y]bY`?c``Y[]b`k i fXYb`]a `DfYbn`Ui Yf\]

6Yf[`UhhUW_]Yfhžk c`g]W\'a Y\fYfY`DYfgcbYb`Ub`XYf`; Yk U`hhUh\]

VYhY]`][hYb"

7\Uch]gWXY'GnYbYb'i bX'JYf`YhnhY

K]Y 'X]Y '6Yf`]bYf'NY]hi b['VYf]W\hYhž'Ybh[`]hh'X]Y 'G]hi Uh]cb'XYb
6YUa hYb'Ub'a Y\fYfYb'6fYbbdi b_hYb"' ≠bgVYgcbXYfY'Ua
5`YI UbXYfd`Uhn'i bX']b'DUb_ck 'ZUbXYb'? Àa dZY'nk]gW\Yb'; fi ddYb
ghUhh''5i W\Y]b'%'!À\f][Yf'k i fXY'ZYgh[Ybca a Ybž'bUW\XYa 'Yf
Dc`]n]ghYb'a]h: Yi Yfk Yf_'Ub[f]ZZ"'Ni XYa '[UV'Yg'X]j YfgY
6fUbX\YfXY']b'XYf'GhUXhž'i bhYf'UbXYfYa 'VfUbbhYb'j]Yf
K c\bi b[Yb']b'@]W\hYbVYf['b]YXYf'i bX'Y]b': Yi Yf']a 'DUf_\Ui g']b
?fYi nVYf['YfZcfXYfhYb'XYb'9]bgUhn'j cb'ØVYf'-\$
: Yi Yfk Y\f`Yi hYb"

Ni 'XYb'nU\`fY]W\Yb'JcfZÀ``Yb'_Ua 'Yg'hfchn'ghfYb[YfG]W\Yf\Y]hga U» bU\a Ybž'XUfi bhYf'K UZZYb!'i bX
A YggYfj YfVchgncbYb"'I b[YUW\hYh'X]YgYf'Jcf_Y\fi b[Yb'k i fXYY]b'gmf]gW\Yf'HUhj YfXÀW\h][Yf']b'7\Uf`chhYbVi f['ZYgh[Ybca a YbžbUW\XYa 'Yf'nk Y]'A ÀbbYf'a]h'Y]bYa ']a 'Gi dYfa Uf_h
Ybhk YbXYhYb'A YggYf'Ub[Y[f]ZZYb'\UhhY"'5``X]YgY'9fY][b]ggY
j YfXYi h`]W\Ybž'XUgg'XYf'\J\\fYgk YW\gY``]b'6Yf`]b'YfbYi h'Xi fW\
; Yk U'h'i bX'DUb]_'[YdfÀ[h'k Ufž'k Ug'X]Y'9bhgW\`cggYb\Y]h'XYf
9]bgUhn_fÀZhY'Ui Z'X]Y'DfcVY'ghY``hY"

8 YhU]`g	
EiY``Yb	• k k k "VYf`]b!`]j Y"XY
	k k k "VYf`]bYf!nY]hi b["XY

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