

@Y\fYfjYfVUbX`[Y[Yb`5`hYfg[fYbnY. FYU`]hÀh'cXYf'GWXihn'ZØf'?]bXYf3

8]g_i gg]cb ØVYf 5`hYfg[fYbnY ZØf gcn]U`Y A YX]Yb. @Y\fYfj YfVUbX gdf]WXh g]WX [Y[Yb JYfVchY Ui gž 6i bXYg hgh]na]b]ghYf]b ZcfXYfh GWXi hn ZØf ?]bXYf"



6UXYb!K ØfhhYa VYf[ž:8Yi hgW `UbX '! 5a '%, "'\$ b]'&\$&) XfY\h
g]W `]b `6UXYb!K ØfhhYa VYf['U``Yg'i a 'X]Y _cbhfcj YfgY '8]g_i gg]cb

ØVYf'Y]bY '5`hYfg[fYbnY 'ZØf'X]Y 'Bi hni b['gcn]U`Yf'A YX]Yb 'k]Y

H]_Hc_'i bX '\$ghU[fUa "'8Yf'8Yi hgWXY '@Y\fYfj YfVUbX '\Uh'g]WX

YbhgW]YXYb '[Y[Yb 'Y]bY '[YgYhn`]WXY FY[Y`i b['Ui g[Ygdfc WXYb"

J YfVUbXgdfAg]XYbh'GhYZUb'8 Ø``bYbbh'X]Y '\$XYY' fYU`]hAhgZYfb i bX

Ui WX 'b]WX h'g]bbj c`` "'9f'Yf_Ybbh'nk Uf'XYb'j YfghAbX`]WXYb'K i bgWX

Ubž'?]bXYf'ni 'gWX ØhnYbž'g]Y\h'^YXcWX'JYfVchY'U`g'K Yb]['\]'ZfY]WX

Ub"'Gcn]U`Y'A YX]Yb'gY]Yb'gWX`]WX hk Y['Y]b'ZYghYf'6YghUbXhY]`XYf

FYU`]hAhž']b'XYf''A b[Y'A YbgWXYb'`YfbYb'a ØggYbž'g]WX

ni fYWX hni Z]bXYbž'gc'8 Ø``k Y]hYfž'XYf'Ui WX'VYhcbhž'XUgg'?]bXYf
i bX'\$ [YbX`]WXY'Y]b'FYWXh'Ui Z'\$Zcfa Uh]cb'\UVYbž'K Ug']a

X][]hU`Yb'NY]hU`hYf'i a gc'k]WXh][Yf']gh"'GK F'VYf]WX hYhž'XUgg'XYf

@Y\fYfj YfVUbX`Y]bY`9fn]Y\i b[`ni `Y]bYa `_`i [Yb`l a [Ub[`a]h XYa `\dightarrow hYfbYh`Y]bZcfXYfhž'k cfUb`gck c\``9`hYfb`U`g`Ui W\`GW\i `Yb [YZcfXYfh`g]bX"

8]Y8YVUhhY'_ca a h'b]Wkhj cb'i b[YZÀ\f"6i bXYg'i gh]na]b]ghYf]b
GhYZJb]Y'<i V]['fGD8Ł'\Uhrg]Wk'ZØfY]bY'5'hYfg[fYbnY
Ui g[YgdfcWkYbži a '?]bXYfb']b']\fYf'Df]j Uhgd\ÀfY'GWki hn'ni
V]YhYb'i bX']\fY'[Ygi bXY'9bhk]W_'i b['ni 'ZÒfXYfb"'G]Y'\YVh
\Yfj cfž'XUgg'?]bXYf'i bX'*i [YbX']WkY'GWki hn'ghUhh
GY'VghXUfghY'`i b[gXfi W_'VYbOh][Yb"'9]bY'5'hYfg[fYbnY'_ObbhY
Ui Wk'9'hYfb'Ybh'UghYbž'X]Y'gc'k Yb][Yf'ØVYf'GcW]U''AYX]U'a]h
]\fYb'?]bXYfb'X]g_i h]YfYb'a ØgghYb"'8]YgY'G]Wkhk Y]gY'Z]bXYh
I bhYfghØhni b[']b'Y]bYf'U_hi Y'`Yb'I a ZfU[Yž'X]Y'nY][hž'XUgg'Y]bY
AY\f\Y]h'XYf'9fk UWkgYbYbž']bgVYgcbXYfY'i bhYf'%,!'V]g
&(!À\f][Ybž'Y]b'JYfVch'gcn]U'Yf'AYX]Yb'ZØf'i bhYf'%*!'À\f][Y
VYZØfk cfhYh"'8]Y'NY]h'VYf]WkhYh'k Y]hYfž'XUgg'GWk'Ygk][!
<c`ghY]bg'A]b]ghYfdfAg]XYbh'8Ub]Y''; Øbh\Yf'f781 Ł'YVYbZU'`g'Y]bY
5'hYfg[fYbnY'ZØf'g]bbj c`'`\À`h'i bX'g]Wk'ZØf'Y]b'JYfVch'gcn]U'Yf

=bhYfbUh]cbU`Y'9fZU\fib[Yb

9]b 6`]W_'ØVYf`X]Y @UbXYg[fYbnYb'nY][hž'k]Y Yfbgh'X]Y 'H\Ya Uh]_ [Ybca a Yb'k]fX"'5i ghfU`]Yb'\Uh']a 'Bcj Ya VYf'&\$&('U`g'YfghYg @UbX'Y]b'Bi hni b[gj YfVch'ZØf'gcn]U`Y'A YX]Yb'ZØf'\$ [YbX`]W\Y Y]b[YZØ\fhž'X]Y'bi b'Yfgh'UV'%* '\$\J\fYb'Ui Z'D`UhhZcfa Yb'k]Y : UWYVcc_'cXYf'\$\deltaghU[fUa 'ni [fY]ZYb'XØfZYb"'9fghY'9fZU\fi b[YbUi g'UbXYfYb'@\bXYfb'VY`Y[Yb'dcg]h]j Y'5i gk]f_i b[Yb'Ui Z'?]bXYfi bX'\$\frac{1}{2}\text{b}X\frac{1}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}\text{b}X\frac{1}{2}\text{b}X\frac{1}{2}\text{b}X\frac{1}\text{b}X\frac{1}{2}\text{b}X

; YfUXY`]b`8Yi hgW\`UbX`[]Vh`Yg`V]g\Yf`_Y]bY`Y]b\Y]h`]W\Yb FY[Y`i b[Yb"`9]b][Y`6i bXYg`ÀbXYf`\UVYb`VYfY]hg`JYfVchY`cXYf

Gc 'nY]W\ bYh'g]W\ 'UV. '8]Y '8]g_i gg]cb 'i a 'XYb'l a [Ub['a]h'gcn]U`Yb A YX]Yb 'i bX'X][]hU`Yb'; YfÀhYb']b 'GW\ i `Yb'i bX'VY]'\\$ [YbX`]W\ Yb k]fX'\b]W\ h'gc 'gW\ bY```ni '9bXY'[Y\Yb"'CV'i bX'\k Ubb'Y]b'[YbYfY``Yg JYfVch'_ca a h\z'V`Y]Vh'UVni k UfhYb\z'UVYf'_`Uf']gh\z'XUgg'XUg'H\Ya U\cW\']a '?i fg'ghY\h'i bX'U``Y'6YhY]`][hYb'[Y\zcfXYfh'g]bX\z']\fY GhUbXdi b_hY'Y]bni Vf]b[Yb"

8YhU]`g	
Cfh	6UXYb!K ØfhhYa VYf[ž8Yi hgWX`UbX
EiY``Yb	• k k k "gk f"XY
	• k k k "nY]h"XY
	• k k k "hU[YggW\Ui"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z 'bU[!Vk "XY