

5 i Zgh]Y[i $b X F ØW_Y f. 8 Yi hgW V UgY`]hn k <math>fX 8 ci V Y!GY Yf$

8 Yi hgW\VUgY`]hn'ZY]Yfh'XYb'5i Zgh]Y[']b'X]Y'GUW\gYb_`UggYa]h'Y]bYa'&.\$!G]Y["'HfU]bYf'_ØbX][h'k]W\h][Y'FØW__Y\f'Ub"



 $8 cWX `X]Y `dcg]h]j Yb `BYi][_Y]hYb `YbXYb `Xcfh`b]WX h" `HfU]bYf`F cbbm ; `OW_bYf`\Uh'X]Y `FØW__Y\f`j cb `: Y`]I `FY\cf`Ub[Y_ØbX][hž`XYf ni j cf`ni f`G; `BYVY`gWX Øhn`[Yk YWX gY`h`k Uf"`FY\cfž`Y]b `') ! ^A\f][Yf$

YfZU\fYbYf'Gd]Y`Yfž'\Uh'VYfY]hg'ZØf'ghUf_Y'HYUa g'k]Y'6i X]ggU 6Ui hnYb'i bX'9]b\Y]h'?Ua Ybn'[Ygd]Y`h''BYi Yf'Ni k UWkg'_ca a h Ui Wk'j cb'XYb'5!¾ b]cfYb'j cb'8 mbUa c'8 fYgXYb. 'A Uh\]g'GY]ZYfh\Uh'g]Wk'XYa 'HYUa 'Ub[YgWk`cggYbž'bUWkXYa 'Yf'j]Yf'CVYf`][U!DUfh]Yb'VYghf]hhYb'\Uh''9]b'k Y]hYfYf'HfUbgZYfž'XYf'j cb'@'_Ug K c`b]_'j ca 'HGJ'Di `gb]hn'Yfk UfhYh'k]fXž'ghY\h'U``YfX]b[g'bcWk'Ui Z XYf'?]ddY"

GU]gcbUVgWX`i gg`i bX`5VgWX]YXY

8 Yf? Ob][gk Ufh\UYfGJ _cbbhYg]W\ a]hXYa Xf]hhYbD`Uhn ni Zf]YXYb [YVYbža i gghY YXcW\ Y]bY %' !B]YXYf`U[Y [Y[Yb Di `gb]hn'\]bbY\a Yb"@i WUg'K c`b]_YfOZZbYhYX]YDUfh]Ya]hY]bYa HcfZØfDi `gb]hnž[YZc`[hj cb'A Ubi Y`'GW\]Xi bg'5i g[`Y]W\ i bXXYbYbhgW\Y]XYbXYb'HfYZZYfb'j cb': Y`]I '6UW\a Ubb'i bX'Hca '6i fW\Yfhž X]YXUg'Gd]Y`'ni '; i bghYb'XYf'Di `gb]hnYf'k YbXYhYb"

$Gdcfh^{\ }WXY^{\ }<\dot{O}Yb^{\ }ibX^{\ }H]YZYb$

8 Ug``YhnhY`Gd]Y``XYf`GU]gcb`VfUW\hY`ZØf`7fcghk]hn`Y]bY
i bYfZfYi`]W\Y`K YbXi b["; fY[cf?]Y»Yhn'j Yf`YhnhY`g]W\`VYfY]hg`VY]
XYf`9fk Àfa i b[ž'k Ug`XUni `ZØ\fhYž'XUgg`XUg`HYUa `a]h`Y]bYa
Gd]Y`Yf`k Yb][Yf`XYb`5bghc»`Ui gZØ\fYb`a i gghYž'Y\Y`5fj]X
?i hgW_Y`]\b`YfgYhnYb`_cbbhY"`8]Y`6Y[Y[bi b[`YbXYhY`c\bY`HcfYi bX`nY][hž'k]Y`gW\bY``XYf`:i»VU```gY]bY`i bYfk UfhYhYb
K YbXi b[Yb`bY\a Yb`_Ubb"

±b`XYf`_ca a YbXYb`GU]gcb`k]fX`XUg`HfU]b]b[`ZØf`8Yi hgW\VUgY`]hn Ua`%) "'⇒'`]`VY[]bbYbž'i bX`X]Y`: Ubg`g]bX`[YgdUbbhž'k Y`W\Y ¸VYffUgW\i b[Yb`i bX`Gd]Y`YfhfUbgZYfg`bcW\`Ui Z`g]Y`ni _ca a Yb" 8]Y:i»VU``ghUh]gh]_Yb'fi bX'i a 'X]Y'@][Už'X]Y'Ui WX'j cb D`UhhZcfa Yb'k]Y: cchmGhUhg'ni f'JYfZØ[i b['[YghY``h'k YfXYbž nY][Yb'ni XYa ž'XUgg'5i gk Yfhi b[Yb'ØVYf'HcfYž':cfa 'i bX Gd]Y`Yf`Y]ghi b[Yb']a '_ca a YbXYb'&J\f'j YfghÀf_h']b'XYb':c_i g fØW Yb'k YfXYb"

Gc 'V`Y]Vh'UVni k UfhYbž'k Yf'g]W\ ']b 'XYf'bÀW\ ghYb 'Gd]Y`nY]h'Ub 'X]Y
Gd]hnY'_Àa dZYb'k]fX'i bX'cV'XYf'5i ZVUi '8 Yi hgW\ VUgY`]hn'gY]bY
9fZc`[Y'ZcfhgYhnYb'_Ubb"'5i W\ 'X]Y'9f[YVb]ggY'XYf'UbXYfYb'HYUa g
k YfXYb'k Y]hYf\]b'[YbUi 'VYcVUW\ hYh '8]Y'U_hi Y``Yb
Gd]Y`hU[gYf[YVb]ggY'_ÒbbYb'Ui Z'_]W_Yf"XY'bUW\ j YfZc`[h'k YfXYb"

8 Y hU]`g	
Cfh	7fcghk]hnž8YihgWX`UbX
EiY``Yb	k k k "gUYW\ g]gW\ Y"XY
	• k k k "_]W <u>_</u> Yf"XY
	Zc c hmghUhg"cf[

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