

6`i h][Y'; Yk U`h']b'; Ygi bXVfi bbYb. Dc`]nY]'Ybh_fÀZhYh'6UbXYb_f]Y[!; YfØW\hY

±0.6Yf`]b'; Ygi bXVfi bbYb'_Ua 'Yg'Ua '&\$"#&%"'⅓`]'&\$&) 'ni a Y\fYfYb'; Yk U`hhUhYbž'X]Y'_Y]bY'<]bk Y]gY'Ui Z 6UbXYb f]a]bU`]hÀh'nY][Yb"



6Yf`]bž'8Yi hgWX`UbX`!'5a 'K cWXYbYbXY'_Ua 'Yg']a '6Yf`]bYf GhUXhhY]`'; Ygi bXVfi bbYb'ni 'a Y\fYfYb'YfgWXfYW_YbXYb; Yk U`hhUhYbž'X]Y'X]Y'5bk c\bYf']b'5`Ufa VYfY]hgWXUZhij YfgYhnhYb" Hfchn'XYf'V`i h][Yb'JcfZÀ``Y'i bX'Y]bYa 'HchYb'Ua 'GUa ghU[UVYbXžUa '&\$"'\$\`]'&\$&) ž'VYhcbYb'Dc`]nY]'i bX'GhUUhgUbk U`hgWXUZhž'XUgg Yg'_Y]bY'<]bk Y]gY'Ui Z'Y]bYb'6UbXYb_f]Y['[]Vh"' 9g'g]Y\h'Y\Yf bUWX'Y]bYf'ni ZÀ``][Yb'9g_U`Uh]cb'j cb'; Yk U`h'Ui gž 'Yf_`Àfh GhUUhgUbk U`hGYVUgh]Ub'6ØWXbYf"'

± bg[YgUa h'k i fXYb']bbYf\U`V'k Yb][Yf'Ghi bXYb'[`Y]W\'XfY]; Yk U`hhUhYb'j YfnY]W\bYh" 8 Yf'YfghY'J cfZU``'YfY][bYhY'g]W\'[Y[Yb %-.'\$'I\f']b'XYf'Df]bnYbU``YYž'k c'Y]b'i bVY_UbbhYf'HÀhYf'Y]bYb A Ubb'UbgW\cgg'i bX'ZØW\hYhY"; `ØW_`]W\Yfk Y]gY'_cbbhY'XUg

CdZYf'bchcdYf]Yfh'k YfXYb'i bX']gh'Ui » Yf'@YVYbg[YZU\f"'Fi bX'nk Y] Ghi bXYb'gdÀhYfž'[Y[Yb'&%.\$\$'I \fž'k i fXY'Y]b'' \$!'À\f][Yf'A Ubb VY]'Y]bYa 'GhfY]h']b'XYf'6Ugh]UbghfU» Y'j Yf`Yhnh'i bX'ghUfV'_i fn XUfUi Z']a '?fUb_Yb\Ui g'Ub'gY]bYb'gW\k YfYb'Gh]W\j Yf`Yhni b[Yb" <]Yf'Yfa]hhY`h'X]Y'A cfX_ca a]gg]cbž'X]Y'i a 'X]Y'<]bhYf[fØbXY'XYg J cfZU``g'VYa Ø\h']gh"

K Y]hYfY JcfZÀ``Y VY`UghYb X]Y G]hi Uh]cb

8 Yf Xf]hhY 'J cfZU```YfY][bYhY 'g]WX '[Y[Yb '&' .\$\$ 'I \f']b
<i a Vc`Xh\U]bž'k c 'Y]b 'A Ubb 'a]h'Y]bYf 'Yhk U 'g]YVYb_OdZ][Yb ; fi ddY ']b 'Y]bYb 'GhfY]h'[Yf]Yh'i bX 'XUVY] 'XfY] 'Gh]WX Y ']a 'i bhYfYb
FØW_Yb 'UVVY_Ua "'9f'_Ua 'YVYbZU``g']bg'? fUb_Yb\Ui gž'VYZ]bXYh
g]WX 'YXcWX 'b]WXh']b '@YVYbg[YZU\f" '5i WX ']b 'X]YgYb ': À``Yb'[]Vh'Yg
V]g`Ub['_Y]bY '5b\U`hgdi b_hY 'ZØf'Y]bYb 'Ni gUa a Yb\Ub['nk]gWXYb
XYb 'J cfZÀ``Ybž'k]Y 'gck c\``hU[YggWX Ui "XY'U`g'Ui WX'h!cb`]bY"XY
VYf]WX hYb"

6YfY]hg'Ua :: fY]hU[UVYbX'k i fXYb']b'UbXYfYb'GhUXhhY]`Yb'6Yf`]bgž
XUfi bhYf'?fYi nVYf['i bX'BYi _O``bž'; Yk U`hhUhYb'[Ya Y`XYh'''Gc
k i fXY'Y]b'&*!'À\f][Yf'A Ubb'j cf'Y]bYa 'FYghUi fUbh']b'XYf
6Yf[a UbbghfU» Y'Ub[YgWkcggYbž'k cVY]'XYf'HÀhYf'ZØWkhYhY'''9]b
k Y]hYfYf'J cfZU```YfY][bYhY'g]Wk']b'XYf'GcbbYbU``YYž'k c'Y]b
'-!'À\f][Yf'A Ubb'Ui Z'cZZYbYf'GhfU» Y']b'X]Y'6Y]bY'[YgWkcggYb
k i fXY'i bX'gWkk YfY'J Yf`Yhni b[Yb'Yf`]hh''

9]b GhUXhhY]` Ua Di `g XYf'; Yk U`h

; Ygi bXVfi bbYb`\Uh`]b`XYf`JYf[Ub[Yb\Y]h`]a a Yf`k]YXYf`a]h
; Yk U`hXY`]_hYb`i bX`5i gY]bUbXYfgYhni b[Yb`ni '_Àa dZYb`[Y\UVh'' 8]Y`U_hi Y``Yb`9fY][b]ggY`k YfZYb`YfbYi h`: fU[Yb`ØVYf`X]Y
G]W\Yf\Y]h`XYf`5bk c\bYf`Ui Z'' \DgVYgcbXYfY`X]Y`I b_`Uf\Y]h`ØVYf
X]Y`GhUUhgUb[Y\Of][_Y]h`XYf`6YhY]`][hYb`]b`X]YgYb`JcfZ\``Yb
a UW\hX]Y`G]hi Uh]cb`i a gc`Vf]gUbhYf"

 $8]Y G]WXYfY]hgVYYOfXYb ghYYYb bi b j cf XYf < YfUi gZcfXYfi b [ž X]Y I fgUWXYb i b X <]bhYf[fØbXY X]YgYf ; Yk U`hhUhYb ni 'Yf[fØbXYb i b X X]Y ; YZUYfYb 'ZØf X]Y OZZYbh`]WXYG]WXYfYY]h ni 'a]b]a]YfYb " <math>\Rightarrow$

8YhU]`g	
Cfh	6Yf`]bž'8Yi hgWX`UbX
EiY``Yb	• k k k "hU[YggW\Ui"XY
	k k k "h!cb`]bY"XY

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