

; YZÀ\f`]W\Yf'GhfUZhÀhYf'Ybh_ca a Yb. Dc`]nY]'k Ufbh'j cf'Ni gUa a YbhfYZZYb°

8]Y'Dc`]nY]'gi W\h'Xf]b[YbX'bUW\'XYa'[YZÀ\f`]W\Yb GhfUZhÀhYf'Ac\UaYX'GY]X'AifgU`ž'XYf'Ua', "'5i[igh']b D`Uhh`]b['Z'ØW\hYhY''

9f\O\hY'5`Ufa VYfY]hgW\UZh']b'6UmYfb. ; YZ`ØW\hYhYf'GhfUZhÀhYf'gcf[h'ZØf'l bfi\Y

8]Y @UbX_fY]gY 5`hOhh]b['i bX A Ø\`XcfZ'Ua '±bb'g]bX XYfnY]h']b
Yf\O\hYf5`Ufa VYfY]hgW UZh" '9]b'j Yfi fhY]`hYf'GhfUZhÀhYfž'A c\Ua YX
GY]X A i fgU`ž']gh'Ua ', "'5i [i gh'&\$&('k À\fYbX'Y]bYg'VY[`Y]hYhYb
5i gZi [g'Ui g'Y]bYf'dgmW]Uhf]gW Yb'9]bf]W hi b['Ybhk]W Yb"
8]YgYf'J cfZU```\Uh'b]W hibi f'VY] XYb'6Y\OfXYbž'gcbXYfb'Ui W']b
XYf'6Yj O`_Yfi b['6Ygcf[b]g'Ui g[Y`Ogh"

: `i WX h'Ui g'dgmWX]Uhf]gWX Yf'9]bf]WX hi b[

² ZZYbh`]W\Y K Ufbi b[i bX; YZU\fYb\]bk Y]gY

8]Y'Dc`]nY]'\Uh'X]Y'6Yj Ò`_Yfi b[']b'XYb'VYhfcZZYbYb'@UbX_fY]gYbXUni 'Ui Z[Yfi ZYbž'Jcfg]W\h'k U`hYb'ni '`UggYb"'6YgcbXYfg'VYhcbh

kifXYž'XUgg'6Øf[Yf'_Y]bY'5b\U`hYf'a]hbY\aYb'gc``Yb"
G]W\Yf\Y]hgVY\ÒfXYb'\UVYb'UiW\'ØVYf'X]Y'K UfbUdd'?Uhk Ufb
Y]bY'K Ufbib['Uig[Y[YVYbž'ia'X]Y'AYbgW\Yb']b'XYf'FY[]cb'ØVYf
X]Y'dchYbn]Y``Y'; YZU\f'ni']bZcfa]YfYb"'8Yf'9]bgUhn'Y]bYg
Dc`]nY]\iVgW\fUiVYfg'jYfgh\Af_h'X]Y':U\bXib['bUW\'XYa; YZØW\hYhYb'Yf\YV`]W\"

$VYfkUWib[ibX^2ZZYbh]Wk_Y]hgZU\bXib[$

 $8]Y `Dc`]nY] `V]hhYh'X]Y `9]bk c bYfž'Ui Za Yf_gUa `ni `gY]b`i bX`]a : U``Y `Y]bYf`G]Wk hi b[`j cb`A i fgU``gcZcfh`X]Y `B chfi Zbi a a Yf`%%$`ni k À\`Yb''`K]Wk h][Y`<math>\Rightarrow$ Zcfa Uh]cbYb`ØVYf`XUg`5i ggY\Yb`XYg ; Ygi Wk hYb`g]bX`j YfVfY]hYh'k cfXYb. `A i fgU``]gh'%+&`Wa `[fc» ž`\Uh gWk UfnY`< UUfY`i bX`Y]bY`gWk`Ub_Y`:][i f"`8]YgY`8YhU]`g`gc``Yb 5b[Y\Of][Yb`XYf`^2 ZZYbh`]Wk_Y]h`\Y`ZYbž`XYb`: `ØWk h][Yb``Y]Wk hYf`ni Yf_YbbYb"

8]Y 6YXYi hi b[ZØf X]Y ; Ya Y]bgW UZh

8 Y f : U```k] fZh: fU[Y b 'ØVY f `X]Y 'G]W Y f \ Y]h'i b X 'XY b 'I a [Ub['a]h j Y fi fhY]`hY b 'GhfUZhÀhY f b ']b 'd gmW \]Uhf]gW \ Y b '9]bf]W \ hi b[Y b 'Ui Z' 8]Y 6 Y g c f[b]g'i bhY f 'XY b '6 Ø f[Y f b \ Uh'ni [Y b ca a Y b ž']bgV Y g c b XY f Y]b Y]b Y f 'NY]hž']b 'XY f 'j]Y `Y 'A Y bgW Y b 'Ui Z[fi b X 'À\b`]W Y f 'J c f ZÀ``Y VY f Y]hg'Àb[gh`]W 'g]b X " 8]Y 'Dc`]nY] 'UfVY]hY h' XU\Y f 'Y b['a]h' XY f 6 Y j Ò`_Y fi b['ni gUa a Y b ž'i a 'ni gÀhn`]W Y 'G]W Y f \ Y]h'ni [Y k À\f`Y]ghY b 'i b X 'Y]b 'gW b Y ``Y g '9]b[f Y]ZY b 'ni 'Y fa Ò[`]W Y b "

8]Y'G]hi Uh]cb'YfZcfXYfh'Y]b'\c\Yg'A U»'Ub'5i Za Yf_gUa _Y]h'i bX Ni gUa a YbUfVY]h'nk]gW\Yb'XYb'G]W\Yf\Y]hgVY\ÒfXYb'i bX'XYf 6Yj Ò`_Yfi b["'Bi f'[Ya Y]bgUa '_ÒbbYb'; YZU\fYb'dchYbn]Y`` UV[Yk YbXYh'i bX'X]Y'G]W\Yf\Y]h']b'XYf'FY[]cb'k]YXYf\Yf[YghY``h k YfXYb"

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["XY