

K c\`ZØ\`cUgYb']b'; fØbghUXh. 'B UW_hYf \cZ $V`Y]Vh']a''[Ykc\bhYb'7\UfU_hYf'$

9fZU\fYb'G]Yž'k]Y'XYf'KY]`Yf'BUW_hYf\cZ'gY]bYb'7\UfU_hYf VYkU\fhž'kÀ\fYbX'bUW\\U`h][Y'GhUXhYbhk]W_`ib['Ub 6YXYihib['[Yk]bbh"

; fØbghUXhž'8 Yi hgWX `UbX'!' \D'Y]bYa 'U_hi Y``Yb'6YgWX`i gg`\Uh XYf'; Ya Y]bXYfUh'j cb'K Y]`Yf'VY]'BUW_hYf\cZ'YbhgWX]YXYbž'XUg K UWXghi a 'XYf'G]YX`i b['b]WXh'k Y]hYf'j cfUbni hfY]VYb"'8 Ug < Ui dhUi [Yba Yf_'`]Y[h'XUfUi Zž'XYb'WXUfU_hYf]gh]gWXYb'7\Ufa Y XYg'K Y]`Yfg'ni 'VYk U\fYbž'k]Y'X]Y'F\Y]bdZU`n'VYf]WXhYh"'8]YgY 9bhgWXY]Xi b['k]fX'j cb'XYf'; Ya Y]bXYj YfhfYhi b['U`g'bchk YbX][YfGWXf]hh'Ub[YgY\Ybž'i a 'Y]bY', VYfYbhk]W_`i b['i bX'XUa]h Y]b\Yf[Y\YbXY'bY[Uh]j Y'5i gk]f_i b[Yb'Ui Z'X]Y'@YVYbgei U`]hÀh XYf'6Øf[Yf'ni 'j Yf\]bXYfb"

8 UgʻJ cf\UVYbž'XYbʻK Y]`Yfʻni ʻYfk Y]hYfbžʻgh]Y» ʻUi ZʻK]XYfghUbX gY]hYbgʻXYfʻ5bk c\bYfž'X]Yʻ6YXYb_Ybʻ\]bg]W\h`]W\ʻXYfʻgcn]U`Yb i bXʻÒ_c`c[]gW\Ybʻ: c`[YbʻÀi»YfhYb"ʻG]YʻVYhcbYbžʻXUggʻXUg VYgcbXYfYʻ: `U]fʻi bXʻX]Yʻ]XYbh]hÀhggh]ZhYbXYbʻA Yf_a U`YʻXYg K Y]`YfgʻXi fW\ʻY]bʻgc`W\YgʻK UW\ghi a `[YZ\\fXYhʻk YfXYbʻ_ObbhYb" 8 UgʻH\Ya UʻXYfʻbUW\\U`h][YbʻGhUXhYbhk]W_`i b[ˈgd]Y`hʻXUVY]`Y]bY nYbhfU`YʻFc``Y"

$BUWX \setminus U^h][Y^GhUXhYbhk]W_ib[]a : c_ig$

8]Y'Bchk YbX][_Y]h'Y]bYg'a i `h]X]gn]d`]bÀfYb'5bgUhnYg'ZØf
bUW\\U`h][Y'GhUXhYbhk]W_`i b[']gh'i bVYghf]hhYb"'@Ui h'K]ggYb"XY
[Yk]bbh'X]YgYg'?cbnYdh']bgVYgcbXYfY']b'i fVUbYb'NYbhfYb
ni bY\a YbX'Ub'6YXYi hi b["'9]b'gc`W\Yf'5bgUhn'VYfØW_g]W\h][h'X]Y
j YfgW\]YXYbYb'8]a Ybg]cbYb'j cb'gcn]U`Yfž'Ò_cbca]gW\Yf'i bX

i a k Y`hVYnc[YbYf'BUW\\U`h][_Y]h"'8]Y'8f]b[`]W_Y]h'[`cVU`Yf <YfUi gZcfXYfi b[Ybž'k]Y'l a k Y`hj YfÀbXYfi b[Yb'i bX'gcn]U`Y I b[`Y]W\\Y]hYbž'k]fX']a a Yf'a Y\f'Yf_Ubbh'i bX'h\Ya Uh]g]Yfh"

$8Yf'9]bZigg'jcb'6Øf[YfVYhY]`][ib['ibX'HYW\bc`c[]Y$

8]Y'Fc``Y'XYf'6Øf[YfVYhY]`][ib['_Ubb'b]W\h'\cW\'[Ybi[Y]b[YgW\Ahnh'k YfXYb.'5_h]j Y'A]h[YghU'hib['XifW\'X]Y 6Yj Ò`_Yfib['hfÀ[h'Yf\YV`]W\'nif'5_nYdhUbn'ibX'IagYhnVUf_Y]h jcb'GhUXhYbhk]W_`ib[gdfc'Y_hYb'VY]"'9fZc`[fY]W\Y'GhAXhY'\UVYb AU»bU\aYb']ad`YaYbh]Yfhžia'XYf'6Øf[YfgW\UZh'Y]bY'Gh]aaY ni'[YVYb"

$$\begin{split} &\text{HYWAbc`c[]}gWAY:cfhgWAf]hhY:gd]Y`Yb:YVYbZU``g:Y]bY\\ &\text{YbhgWAY]}XYbXY:Fc``Y']b:XYf'bUWA\U`h][Yb:GhUXhYbhk]W_`ib[":8]Y\\ &=a d`Ya Ybh]Yfib[:]bhY``][YbhYf'; YVÀi XYhYWAb]_Ybž'X]Y\\ &g][b]Z]_UbhY:9bYf[]YY]bgdUfib[Yb:Yfa Ò[`]WAYbž'k]fX:U`g'kY]hYfYfGWA`ØggY`ZU_hcf'nif'9ffY]WAib['jcb'BUWA\U`h][_Y]hgn]Y`YbVYhfUWAhYh'':9fZU\fib[Yb:Uig']bhYfbUh]cbU`Yb:6Ygh'DfUWh]WYgž'k]YX]Y:[fØbY:<math>=$$
bZfUghfi_hif']b:G]b[Udifž'VY`Y[Ybž'k]Y:k]WAh][YZZY_h]jY:9bYf[]YYZZ]n]Ybn!AU»bU\aYb:q]bX"

 $5 VgWX`]Y*YbX``Aggh`g]WX`gU[Ybž`XUgg`X]Y`9bhgWXY]Xib[`XYg ; YaY]bXYfUhg`jcb`KY]`Yf`ZØf`XYb`9f\U`h`XYg`CfhgWXUfU_hYfg`ibX [Y[Yb`Y]bY`9IdUbg]cb`Y]bY`JcfV]`XZib_h]cb`]a`?cbhYIh`XYf bUWX\U`h][Yb`GhUXhYbhk]W_`ib[`ØVYfbY\aYb`_Ubb"`8Yf`GWXihn XYg`hfUX]h]cbY``Yb`7\UfU_hYfg`ibX`X]Y`6YfØW_g]WXh][ib[`XYf 6YXØfZb]ggY`XYf`6Yj`O`_Yfib[`g]bX`YggYbn]Y``ž`ia`UiWX$

8 YhU]`g	
J c f ZU``	lakY`h
Cfh	; fØbghUXhž8YihgWX`UbX
Ei Y``Yb	k k k "f\Y]bdZU`n"XY
	XUg!k]ggYb"XY

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