

## 8]Y 5i gk ]f\_i b[Yb Ui Z'X]Y Ni \_i bZh'j cb?fmdhck À\fi b[Yb 8Ug'ghYW\_h'XU\]bhYf



 $? \pm Hcc`g'jcb'@][\hb]b[`@UVg'gc``Yb'6]hWc]b'ibhYfghØhnYb$ 

6]hWc]b'Y]b][Y'5i Za Yf\_gUa \_Y]h'[Y\_cghYh"'8]Y'a Y]ghYb'@Yi hYgWXY]bYb'g]WX'bi b'a Y\f'ZØf'?=ni ']bhYfYgg]YfYb'U`g'ZØf'6]hWc]b'i bXUi WX'XUg'=bhYfYggY'Ub'6]hWc]b!@]ei ]X]hÀh'\Uh'bUWX[Y`UggYb"'5VYfk Ug'k ÀfYž'k Ybb'?=Ui WX'6]hWc]b'i bhYfghØhnYb'\_ÒbbhY3

 $8 \ Ug'@][\ hb]b[!BYhnk Yf_'\ Uh'a \ O[`]WXYfk Y]gY'[YfUXY'XYb'YfghYb GWXf]hh']b'X]YgY'F]WXhi b['[YhUb"'@][\ hb]b['@UVgž'XUg I bhYfbY\a Yb'\]bhYf'XYa 'BYhnk Yf_ž'\Uh'X]Y'9]bZØ\fi b['bYi Yf'? \ddot Hcc`g'VY_Ubbh'[Y[YVYb"'8]YgY'gc``Yb'9bhk ]\w_`Yfb'\Y`ZYbž'6]hWc]b!?\ddot Vg]YfhY'DfcXi _hY'ni 'Ybhk ]\w_Y`b''$ 

A ]h Ub XYfYb 'K cfhYb ž' X Ug '@][ \hb]b[ !B Yhnk Yf\_ '\_\ObbhY '? = j Yfk Yb XYb ž' i a 'X]Y '9\overline{Z}n]Ybn 'j cb '6]h\cklickcolor b' ini 'ghY][ Yfb "

9]b 'Hk YYh'j cb'@][ \hb]b[ '@UVg'VYghÀh][ h'X]Y'5b\_ØbX][ i b[ 'XYf bYi Yb'Hcc`g"'8 UXi fW\ 'gc``Yb'6]hWc]b!VUg]YfhY'?  $\pm$ DfcXi \_hY'ZØf'Y]b k Y`hk Y]hYg'Di V`]\_i a 'Ybhk ]W\_Y`h'k YfXYb"'8]Y'Hcc`g'bi hnYb'XYb @( \$&!GhUbXUfX'ZØf'X]Y'5D $\pm$ 5i h\Ybh]Z]n]Yfi b[ 'VY]'@][ \hb]b[! NU\`i b[ Yb'i bX'XUg'j YfY]bZUW\hY'?  $\pm$ 5dd!: fUa Yk cf\_ @Ub[ W\U]b5 = "

9]bY'XYf'[fÒ» hYb': fU[Yb']ghž'k]Y'6]hWc]b'jcb'X]YgYf' $\pm$ bhY[fUh]cbjcb'?=dfcZ]h]YfYb'k]fX"'@Uih'XYf'cZZ]n]Y``Yb'5b\_ØbX][ib['\_ObbYbX]Y'Hcc`g'YfkY]hYfhY': ib\_h]cbYb']a'@][\hb]b[!BYhnkYf\_Yfa O[`]WXYb"'8]Yg'\_ObbhY'X]Y'9bhk]W\_`ib['Y]bYg'bYiYb5ih\Ybh]Z]n]Yfib[ga YWXUb]ga ig'cXYf'Y]bY'GhY][Yfib['XYfBYhnkYf\_`Y]ghib['VY]b\U`hYb"

9]bY'XYf'j ]Y'j YfgdfYW\YbXghYb'5bk YbXi b[Yb'XYf'bYi Yb'?  $\frac{1}{2}$ Hcc`g ]a '@][\hb]b[!BYhnk Yf\_'VYghY\h'XUf]bž'X]Y'J Yfk YbXi b['j cb 6]hWc]b']a ' $\frac{1}{2}$ bhYfbYh'XYf'8]b[Y'f\overline H\overline i'Yf'Y]W\hYfb''K Ybb ?fmd\hck\A\fi b[Yb'k]Y'6]\hWc]b']b'XYf'Ni \_i bZh'XYg'< UbXY`g'Y]bY [f\overline YfY'Fc``Y'gd]Y`Yb'gc``Ybž']gh'X]Y'9b\hk]\w\_`i b['j cb'?\overline i'Ygh\overline hYf'Fc``Y'gd]Y`Yb'gc``Ybž']gh'X]Y'\overline hYfU\_h]cb'j cb'6]\hWc]b'a ]\h'?\overline Hcc`g ]gh'Y]b'k Y]\hYfYf'; fi bXž'k Ufi a '9b\hk]\w\_`Yf'X]Y'\overline hY[fUh]cb'j cb'? = ]\b'X]Y'6`c\w\_\w\\U]\b']b'6Y\hfU\\\h'n]Y\Yb'gc``hYb''

9g'V`Y]Vh'UVni k UfhYbž'cV'X]YgY'9bhk ]W`i b['ni 'a Y\f'5\_nYdhUbn

 $\label{eq:condition} $$ j \ cb' 6]hWc]b' ZØ\ fYb'k \ ]fX'' 8]Y' \ \ bhY[ fUh]cb'j \ cb'? = _ObbhY'XUni $$ VY]hfU[ Ybž'XUgg' 6]hWc]b'gY]bY'K YhhVYk YfVgZÀ\][ _Y]h'VY\À`h'' 8]Y $$ J \ cfhY]`Y'_ObbhYb' YXcW\'b]W\ h'gcZcfh'g]W\ hVUf'gY]bž'gcbXYfb']b'XYf $$ Ni _i bZhYf\YV`]W\Y'5i gk ]f_i b[ Yb'\UVYb'' $$$ 

Ni a 'NY]hdi b\_h'XYg'J YfZUggYbg'X]YgYg'5fh]\_Y`g'`U[ 'XYf'DfY]g'j cb 6]hWc]b'VY]'' \$"%, %'I G!8c``Uf"'8]Y'?fmdhck À\fi b[ '\_Aa dZhY'XUa ]hž XUg'DfY]gb]j YUi 'j cb'' %"( %- 'I G!8c``Uf'ni 'Xi fW\VfYW\Ybž'k Ug'ni Y]bYa 'FØW\_[ Ub[ 'XYg'J Yf\_Ui ZgXfi W\_g'ZØ\fhY"

9g'V`Y]Vh'UVni k UfhYbž'cV'XYf'6]hWc]b!DfY]g'k Y]hYf'ZU``Yb'k ]fX" 8 YfnY]h'[]Vh'Yg'Y]bYb'Yf\YV`]W\Yb'5VZi gg'Ui g'XYf'A ØbnY"'9]b DfY]g'i bhYf\U`V'XYf'' \$"\$\$\$!8c``Uf!GdUbbY']gh'`Y]W\h'ni 'YffY]W\Ybž k Ybb'XYf'J Yf\_Ui ZgXfi W\_'k Y]hYf'ni b]a a h"'9g']gh'YXcW\'b]W\h Ui g[YgW\`cggYbž'XUgg'dcg]h]j Y'9bhk ]W\_`i b[Yb'ni 'Y]bYf'YfbYi hYb 5\_\_i a i `Uh]cb'ZØ\fYb'\_ObbhYb"

8 Y hU]`g

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. '\_fmd hc!bYk g"Uh