

l `a ']a '6]c6`]hn!:]YVYf. '9bhXYW_Yb 'G]Y X]Y '5fhYbj]Y`ZU`h°

9f`YVYb`G]Y`XYb`6]c6`]hn`&\$&)`]a `6chUb]gWXYb`; UfhYb`l`a . Jca `%("`V]g`&&"`\$\b]`Xc_i a Ybh]YfYb`6Øf[Yf`X]Y 5fhYbj]Y`ZU`h"



I `a ž8Yi hgW `UbX'! → `6chUb]gW Yb; UfhYb'XYf'I b]j Yfg]hÀh'I `a ghY\h']b'XYf'_ca a YbXYb'K cWXY'Y]b'[Ubn'VYgcbXYfYg'9j Ybh VYj cf"'Jca '%("'V]g'&&"'⇒ b]'&\$&) 'Z]bXYh'XYf'Vi bXYgk Y]hY'6]c6`]hn ghUhhž']b'XYa '6Øf[Yf]bbYb'i bX'6Øf[Yf'U_h]j 'ni f'9fZUggi b['j cb k]`X`YVYbXYb'DZUbnYbž'H]YfYb'i bX'D]`nYb'VY]hfU[Yb'_ObbYb"'8Ug N]Y`']gh'Ygž'X]Y'5fhYbj]Y`ZU`h']b'XYb'6chUb]gWXYb'; ÀfhYb'g]WXhVUf ni 'a UWXYb'i bX'XUni '`ÀXh'XYf'; UfhYb'U``Y'BUhi f`]YV\UVYf'Y]b" K]Y'X]Y']Xk !cb`]bY'VYf]WXhYhž'gc```\]YfVY]'X]Y'_cghYb`cgY'5dd]BUhi fU`]gh'[Ybi hnh'k YfXYbži a 'X]Y'Y][YbYb'6YcVUWXhi b[Yb'ni Xc_i a Ybh]YfYb'i bX'ni 'VYgh]a a Yb"

8 Y f '6 c hUb]gW\ Y '; UfhY b ž 'X Y f 'Ui Z'ghc`n Y b '&, ' < Y_hUf': `À W\ Y 'U`g Y]b Y f 'X Y f 'UfhY b f Y]W\ ghY b '; À fhY b ']a 'X Y i hgW\ gd f U W\][Y b 'F Ui a

[]`hž`\Uh`VYfY]hg`ØVYf`%%\$\$`k]`XY`5fhYb`Xi fW\X]Y`5dd

Xc_i a Ybh]Yfh"`5_hi Y```VY`Y[h'I `a `XYb`nk Y]hYb`D`Uhn`]b`9i fcdU

VY]`XYf`5bnU\``XYf`6YcVUW\hi b[Ybž'k À\fYbX`: fUb_Zi fh`Ui Z`XYa

YfghYb`D`Uhn``]Y[h"`I a `XUg`9b[U[Ya Ybh`XYf`HY]`bY\a YbXYb`ni
\cbcf]YfYbž'k YfXYb`5i gnY]W\bi b[Yb`ZØf`X]Y`U_h]j ghYb

6YcVUW\hYf.]bbYbž'X]Y`VYghYb`: chcg'i bX`X]Y`gdY_hU_i `ÀfghYb

6YcVUW\hi b[Yb'j YfhY]`h"

J]Y`ZÀ`h][Y'JYfUbghU`hi b[Yb'ZØf'U``Y BUhi fZfYi bXY

K Y]hYfY'J YfUbghU`hi b[YbžX]Y'Yf[ÀbnYbX'ni a '6]c6`]hn'Ub[YVchYbk YfXYbžg]bX'Ui W\: Ø\fi b[Ybž'JcfhfÀ[Y'i bX'6Ygh]a a i b[g_i fgY"8]YgY'V]YhYb'h]YZYfY'9]bV`]W_Y']b'X]Y'BUhi f'i bX'\UVYb'U`gN]Y`[fi ddY'U``'YbYž'X]Y': fYi XY'Ub'XYf'9f_i bXi b['XYf'BUhi f'i bX'Ua': chc[fUZ]YfYb'\UVYbž'k]Y'XYf'J YfVUbX'6chUb]gWXYf; AfhYb'Uba Yf_h"

I bhYf XYb : $\emptyset \setminus \text{fi b}[\text{Yb 'gh}] \land \text{W 'XUg'} 5b[\text{YVch'XYf'} 6chUb] gW Yb ; UfhYb' < < I '\Yfj cfž XUg'gdUbbYbXY'9]bV`]W_Y']b'X]Y' <math>\Rightarrow$ gY_hYb! i bX'J c[Y'k Y'h'[]Vh''Ni a '6Y]gd]Y`'Z $\emptyset \setminus \text{fh'XYf'} 9bhca c`c[Y'A Ubi Y`? Ob]['Ua''%("'> b]'i a''%)' I \f'Xi fW 'X]Y' <math>\Rightarrow$ gY_hYbk Y`h'XYg ; UfhYbgž'k $\land \text{YbX'} DfcZ'']"F'''8f'''?`Ui g'@i bUi 'Ua''%)'''> b]'i a''%(I\f' \Ø VYf'X]Y' 6YXYi hi b['XYg'6chUb]gW Yb'; UfhYbg'gdf]W h''$

8]Y'GW\]fa\Yffg\\UZh'\Ø\Yf'\XYb'\6]c6\]hn'\Uh'\8f\"\A\Uf_'\6Yb\Y\W_Y\Z\Y]b'\VY_Ubb\h\Yf'\?f]a\]b\U\\V]c\c[\Y\Z\X\Yf'\X]Y'\5_h]cb'\h\Uh_f\\Z\h][

i bhYfghØhnh" `GY]b `9b[U[Ya Ybh`ghY][Yfh`b]W\h`bi f`X]Y `G]W\hVUf_Y]h XYg`Dfc Y_hgž`gcbXYfb `a ch]j]Yfh`Ui W\`nU\`fY]W\Y`A YbgW\Ybž`HY]`X]YgYf`gdUbbYbXYb`K cW\Y`ni `k YfXYb"

Bi hnYb 'G]Y 'X]Y'; Y`Y[Yb\Y]hži a 'X]Y 'B Uhi f'bÀ\Yf'ni 'Yf_i bXYb ' < U`hYb 'G]Y ' \Rightarrow fY '6YcVUW\hi b[Yb 'ZYgh'i bX'k YfXYb 'G]Y 'HY]` 'XYg 6]c6`]hn '&\$&) "'K Y]hYfY ' \Rightarrow Zcfa Uh]cbYb 'Z]bXYb ' \Rightarrow hYfYgg]YfhY ']b 'XYf 5dd ']B Uhi fU`]ghž'X]Y ']a '; cc[`Y 'D`Um'GhcfY'i bX']a '5dd 'Y '5dd 'GhcfY j YfZØ[VUf']gh"

8 Y hU]`g	
Cfh	l`až8YihgWX`UbX
EiY``Yb	•]Xk !cb`]bY"XY
	k k k "j YfVUbX!VchUb]gWXYf!
	[UYfhYb"XY
	k k k "VchUb]gW\Yf[UfhYb"\\i "XY

6Ygi WXYb G]Y i bg Ui Z bU[!Vk "XY