BYk 'Dfc[fUa 'C ZZYfg'HYfa]bU``m'=` =ba UhYg'DYUWYZi `'9bX!cZ!@]ZY'7UfY

@Ycb'7cibhm']b]h]UhYg'U'\cgd]WY'dfc[fUa 'Zcf'hYfa]bU``m']``]ba UhYgž'Ybgif]b['X][b]Z]YX'YbX!cZl`]ZY'WUfY'Uh'h\Y 8YhYbh]cb': UW]`]hm"



@Ycb 7ci bhmž: `cf]XUžI G5 !!H\Y'@Ycb 7ci bhm'G\Yf]ZZg'CZZ]Wf f@7GCŁUbX'6]['6YbX'<cgd]W''\Uj Y'fYWYbh`m'hU_Yb''U Wca a YbXUV`Y'ghYd'hck UfXg'Wca dUgg]cb']b'h\Y'WcffYWh]cbU` gmghYa 'Vm``Ui bW\]b['U'bYk 'dfc[fUa 'U]a YX'Uh'dfcj]X]b[hYfa]bU``m']```]ba UhYg'k]h\' U'dYUWYZ ``'UbX'X][b]Z]YX'YbX'hc'h\Y]f `]j Yg"'HYfa]bU``m']```]ba UhYg'k]``'\Uj Y'U'XYX]WUhYX'fcca ']b'h\Y 8 YhYbh]cb': UW]`]hmž'YgdYW]U``m'XYg][bYX'Zcf'h\cgY'k \c'\Uj Y UddfcI]a UhY`m'cbY'k YY_'`YZh'hc'`]j Y"'H\]g'bYk']b]h]Uh]j Yž'XYhU]`YX Vm'K HL @ž'a Uf_g'U'g][b]Z]WUbh'g\]Zh'Uk Um'Zfca 'df]cf'dfUWh]W'g k \YfY'h\YgY']ba UhYg'k YfY'cZhYb'd`UWYX']b'h\Y'ghUbXUfX'a YX]WU` i b]h'UbX'hfUbgdcfhYX'hc'\cgd]hU`g'Ug'bYYXYX''

H\Y'dfc[fUa 'gi dd`Ya Ybhg'hfUX]h]cbU`']ba UhY'WUfY'k]h\'U'fcVi gh

gi ddcfhigmghYa ži]bWi X]b['Wk Ud`U]b fYgci fWrg UbX a i g]W h\YfUdmž ZcghYf]b['U'a cfY hfUbei]` 'Ybj]fcba Ybhgi]hYX Zcf h\Y]f Z]bU`a ca Ybhg" 9UWk dUfh]W]dUbhi]b h\Y'\cgd]Wr]b]h]Uh]j Y'k]` fYWY]j Y'UhhYbh]cb Zfca 'U'a i `h]ZUWW hYX 'WUfY hYUa 'a UXY'i d cZ'U a YX]WU` 'XcWhcfž bi fgYž gcW]U` k cf_Yfž UbX a i g]Wh\YfUd]gh" 'H\]g \c`]gh]WUddfcUWk 'U]a g'hc Ybgi fY h\Uh'Yj Yfm]ba UhY YI dYf]YbWYg ei U`]hm'YbX!cZl`]ZY 'WUfYž'U'f][\h'h\Uh'g\ci `X'VY'UZZcfXYX hc'U``ž fY[UfX`Ygg'cZ'h\Y]f'dUgh'UWh]cbg"

5 BYk '9fU']b '9bX!cZ!@]ZY '7UfY

 $\begin{tabular}{ll} K & $h \to Y \cup f \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \cup f \to Y \cup f \to Y \end{tabular} B & $h \to Y \cup f \to Y \cup$

9a dck Yf]b['H\fci [\ 'DYYf'Gi ddcfh

 $H\Y'dfc\W'gg'c\Z'YbX!c\Z^{`}]ZY'WUfY']b'df]gcbg'WUb'U`gc'VYbYZ]h'Zfca \\ [bj c`j]b[']ba UhY'j c`i bhYYfgž'Ug'bchYX'Vm'DA 7"'Dfc[fUa g'`]_Y \\ h\Y'@ci]g]UbU'GhUhY'DYb]hYbh]Ufmg'Df]gcb'<cgd]WY'Dfc[fUa Ya d`cm'U'dYYf!WUfY'a cXY`'k \YfY]b'_bck `YX[YUV`Y']ba UhY j c`i bhYYfg'`YbX'h\Y]f'gi ddcfh'hc'h\cgY'Uh'h\Y'YbX'cZ'h\Y]f'`]ZY'' \\ H\]g'bch'cb`m'U``ck g'Zcf'VYhhYf'WUfY'Vi h'U`gc']bgh]``g'U'gYbgY'cZ''$

di fdcgY`Ua cb['j c`i bhYYfgžk \c'i bXYf[c'Yl hYbg]j Y`hfU]b]b['hc
dfcj]XY`Ya ch]cbU``UbX`d\mg]\WU``Ugg]ghUb\WY`hc'h\Y]f'ZY``ck
]ba UhYg"

Gi WX]b]h]Uh]j Yg Yb \ Ub WY bch 'A gh h\ Y ei U`]hm c Z WUfY 'Vi h 'U`gc ZcghYf'U'W' `hi fY c Z `YUfb]b['Ub X hY Ua k cf_ 'Ua cb['h\ Y]b WUfWY fUhY X 'dcdi `Uh]cb 'Ub X 'df]gcb 'ghUZZ" 'H\ Y 'dfc WY gg 'c Z a Yb hcf]b['b Yk 'j c`i b hY Yfg 'ghfYb[h\ Ybg 'Vcb Xg 'k]h\]b 'h\ Y 'df]gcb Wca a i b]hm z WfY Uh]b['U'i b]ei Y 'Ybj]fcba Yb h 'k \ YfY 'dY fgcb U` [fck h\ c WW fg 'Yj Yb ']b 'h\ Y 'ZUWY 'c Z 'hfU[Y Xm"' +ba UhY 'j c`i b hY Yfg c ZhYb 'fY dcfh 'hfUbgZcfa Uh]j Y 'YI dYf]Yb WYg 'Ug 'h\ Ym `YUfb 'hc 'dfcj]XY Wca Zcfh 'Ub X 'Wca dUb]cbg\]d z 'U``ck]b['Xm]b[']ba UhYg 'hc 'fY hU]b gca Y 'gY bgY 'c Z'X][b]hm 'Ug 'h\ Ym 'Uddfc UW\ 'h\ Y 'Yb X"

5g'h\Y'@Ycb'7cibhm'dfc[fUa 'hU_Yg'fcchž']h'ghUbXg'Ug'U'dck YfZ `Yl Ua d`Y'cZ'\ck 'WcffYWh]cbU`'ZUW]`]h]Yg'WUb'Ya VfUWY'U'a cfY\ia UbY'UddfcUW\'hc'h\Y'Wca d`Yl']ggi Yg'gi ffci bX]b['\YU`h\WUfY]b'df]gcbg"'H\Y'[cU``\YfY']g'hc'Ybgi fY'h\Uh'U``]ba UhYgžfY[UfX`YggcZ'h\Y]f'dUghž'WUb'Yl dYf]YbW''U'Wca dUgg]cbUhY'UbX'X][b]Z]YX
[ccXVmY dfcj]X]b['U'Zci bXUh]cb'Zcf'U'Z hi fY'k\YfY
fY\UV]`]hUh]cb'hU_Yg'dfYWYXYbWY'cj Yf'di b]g\a Ybh'''K]h\'h\Y'f][\h gi ddcfh'UbX'fYgci fWgž'h\YfY'hfi `m']g'gca Yh\]b['hc'VY'gU]X'Zcf h\]g'g\]Zh'hck UfXg'Ya VfUW]b['\ia Ub]hm'k]h\]b'h\Y'k U``g'cZ'ci f df]gcbg"

8 Y hU]`g	
Cfh	@Ycb'7cibhmž:`cf]XUžIG5
EiY``Yb	• k k k "k hl`"Wca
	• k k k "cdYbhc\cdY"Wca
	• da Wb\W]"b`a "b]\"[cj

6 Ygi W Yb G]Y i bg Ui Z a Y]b!k]Yb "b Yh