5`XYf'Gdf]b[g':]fY'; fckg'hc'()\$'5WfYgž FYg]XYbhg'cb'9jUW'Uh]cb'5`Yfh

 $5`XYf`Gdf]b[g':]fY`Yfidhg']b`*XZZYfgcb`7cibhmž`CfY[cbžh\fYUhYb]b[`h\Y`@U_Y`6]``m`7\]bcc_`UfYU/`YjUW'Uh]cb`U`Yfhg]ggiYX"$



 $\begin{tabular}{ll} $\pm 0 \end{tabular} here $1 \end{tabular} $1 \end{tabular} here $2 \end{tabular} here 2

9j UW Uh]cb 5 Yfhg UbX FYgdcbgY

 $H\Y'g]hi\ Uh]cb'\Ug'dfca\ dhYX'`cWU``Ui\ h\cf]h]Yg'hc']ggi\ Y'U'@Yj\ Y``\% \\ 69`F958\ MdfY!Yj\ UW'\ Uh]cb'bch]WY'Zcf'fYg]XYbhg'bYUf'@U_Y'6]``m \\ 7\]bcc_z'g][\ bU`]b[\ 'h\Y'bYYX'Zcf'j\][\]`UbW'`UbX'dfYdUfYXbYgg'' :]fYZ][\ h]b[\ 'hYUa\ g'\Uj\ Y'fYgdcbXYX'k\]h\'Uddfcdf]UhY'fYgci\ fWYgz']bWi\ X]b[\ 'hk\ c'Yb[\]bYgz'fUddY``Yfgz'U'\Y']WcdhYfz'UbX'Ub'`UffUm'cZ UXX]h]cbU``U]f'hUb_Yfg'cb'ghUbXVm''$

H\Y'Z]fY g'WUi gY'fYa U]bg'i bXYhYfa]bYXž'k]h\']bW]XYbh'XYhU]`g dfcj]XYX'Vm'>GCB`]bY"'H\Y'W' ffYbh`m'UZZYWhYX'UfYU']g'dUfh'cZ'U f]W\'YWc`c[]WU```UbXgWUdY'_bck b'Ug'h\Y'6`i Y'A ci bhU]bg YWcfY[]cbž'k \]W\'d`Umg'\cgh'hc'j Uf]ci g'dfchYWhYX'ncbYg']bWi X]b[h\Y'7fcc_YX'F]j Yf'BUh]cbU`'; fUgg`UbX'UbX'h\Y'8YgW\i hYg'7Ubmcb! GhYY`\YUX': U``g'K]`XYfbYgg'Ghi Xm'5fYU"

7ca a i b]hm = a dUWh Ub X GhUhi g

BchUV`mž'h\Y'5`XYf'Gdf]b[g'UfYU'gi ddcfhg'U'ga U``'dcdi `Uh]cb'cZ Uddfcl]a UhY`m'' \$) 'fYg]XYbhg"'H\Y'Wca a i b]hm'ZUWYg'i b]ei Y W\U``Yb[Yg'fY`UhYX'hc']hg'[Yc[fUd\]WU`']gc`Uh]cbž'Yj]XYbh']b ghUh]gh]Wg'k\YfY'cb`m'\$"' ' i 'cZ'fYg]XYbhg'UfY'Ygh]a UhYX'hc'bch \Uj Y'U'j Y\]WY"': i fh\Yfa cfYž'Ufci bX'&\$"**i 'cZ'h\Y'Wca a i b]hm `]j Yg'k]h\'X]gUV]`]h]Ygž'\][\`][\h]b['h\Y'bYYX'Zcf'YZZ]W]Ybh Ya Yf[YbWm'fYgdcbgY"

 $\label{lem:continuous} $$Cj YfU``ž'h\Y'k]`XZ]fY'h\fYUh'h\]g'gYUgcb'\Ug'VYYb'g][b]Z]WUbhž'UgbchYX'Vm'h\Y'CfY[cb'8YdUfha Ybh'cZ': cfYghfmž'k \]W\']g$$$WcgY`m'a cb]hcf]b['k]`XZ]fYg'UWfcgg'h\Y'ghUhY"'H\Y]f'ghUh]gh]Wg$$$Wcj Yf'Ub'Yl dUbg]j Y'UfYU'cZ'%*'a]``]cb'UWfYg'UbX'hfUW_'Vch\`][\hb]b['UbX'\i a Ub!WUi gYX'Z]fYg'hc'VYhhYf'i bXYfghUbX'UbX'Wca VUh'h\Y'cb[c]b['f]g_g"$$$

5g'b][\h'ZU``g'UbX'Z]fYZ][\h]b['YZZcfhg'Wcbh]bi Yž'? HJ N'BYk g dfca]gYg'cb[c]b['idXUhYg'': cf'bck ž'fYg]XYbhg'UfY'if[YX'hc'ghUm U`Yfh'UbX'dfYdUfYXž'Ug'h\Y'k]bX'WUb'W\Ub[Y'fUd]X`mž'UbX'Z]fYg WUb'VY'ibdfYX]WhUV`Y''5g'kY``cc_'hck UfX'U'dfcUWh]jY'UddfcUW\Ž Wcaaib]hm'Uk UfYbYgg'UbX'fYUX]bYgg'ghUbX'Ug'cif'VYgh``]bY'cZ

8 YhU]`g	
Cfh	≯ZZYfgcb7cibhmžCfY[cbžIG5
EiY``Yb	• _hj n"Wca
	X UhU" 'gc b`]b Y "Wc a
	• k k k "cfY[cb"[cj

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!k]Yb "bYh