?Y``m`G`UhYf`FYZ`YWhg`cb`') 'MYUfg`G]bWY Dfc`GifZ]b['8YVih

9I d`cfY'?Y``m'G`UhYf/ $\$ \$' - /g'ghcf]YX'WUfYYf'UbX'`Y[UWm']b gi fZ]b['Ug'\Y'fYZYWhg'cb'') 'mYUfg'g]bW'\]g'XYVi h']b'7cWcU 6YUW\ž': @'



7cWcU'6YUWX ž: `cf]XUžI G5 !! \$\text{h}\Y'gi b`]h'k Uj Yg'cZ'7U`]Zcfb]Už? Y``m'G`UhYf'Wcbh]bi Yg'hc'f]XY'h\Y'h]XYg'cZ'Vch\'bcghU`[]U'UbX Wca dYh]h]cb'Ug'\Y'fYZYWhg'cb'U'`Y[YbXUfm'WUfYYf'h\Uh'VY[Ub'') mYUfg'U[c"'6UW_']b'%--\$ž'k\Yb' <ca Y'5`cbY 'hcddYX'h\Y'Vcl cZZ]WY'UbX'G]bÅUX'C 7cbbcfg'gci `Z'`\]h' Bch\]b['7ca dUfYg'&'lk Ug'W]a V]b['h\Y'6]``VcUfX'WXUfhgž'Ub'%, !mYUf!c`X'G`UhYf'Zfca 7cWcU'6YUWXž: `cf]XUž'a UXY'\]g'dfcZYgg]cbU`'gi fZ]b['XYVi h"'\$\dangle k Ug'h\Y'ghUfhcZ'Ub'YI hfUcfX]bUfm'ci fbYm'Zcf'h\Y'mci b['Uh\`YhY k \c'k ci `X'[c'cb'hc'VYWca Y'U'gma Vc``cZ'gi fZ]b['Yl WY``YbWY''

: Ugh'Zcfk UfX'hc'&\$&) ž'UbX'G`UhYf'a UXY'U'k]`XWUfX'UddYUfUbWY'Uh h\Y'@Ylig'HfYgh`Yg'Dfcž'U'dc][bUbh'jYbiY'h\Uh'\c`Xg'a Ubm a Ya cf]Yg'Zcf'\]a "'5`h\ci[\'\Y'X]X'bch'k]b'h\Y'YjYbh'UbX'ZUWYX

7fck b]b[5W]Yj Ya Ybhg

 $\label{eq:continuous_continuous$

 $\label{eq:continuous} G`UhYf g`UVWc`UXYg`Xcb h`ghcd`h\YfYž`Y]h\Yf''`< Y`\Ug`U`gc`VU[[YX Zci f`@Ui fYi g`K cf`X`Gdcfhg`5k UfXg`Zcf`5Wh]cb`GdcfhgdYfgcb`cZ'h\Y MYUf`UbX`fYWY]j YX`h\Y`@]ZYh]a Y`5W\]Yj Ya Ybh`5k UfX`]b`&$&) "`<]g Wca dYh]h]j Y`]bgh]bWh`fYa U]bg`i bX]a]b]g\YX`Ug`\Y`[YUfg`i d`hc ei U`]Zm`Zcf`h\Y`&$&(`C`ma d]Wg`]b`DUf]g U`XfYUa`\Y`gYYa g XYhYfa]bYX`hc`Zi`Z]``"$

58mbUa]W@Y[UWm

CZZ'h\Y'k Uj Ygž'G`UhYf']g'1 gh'Ug'UWh]j Y"'<Y'\Ug'`cb['VYYb'Ub UXj cWUhY'Zcf'Ybj]fcba YbhU`]ga ž'gYfj]b['cb'h\Y'6cUfX'cZ'5Xj]gcfg Zcf'h\Y'GYU'G\Yd\YfX'7cbgYfjUh]cb'GcW]Yhm''<]g'Wca a]ha Ybh'hc []j]b['VUW_']g'Yj]XYbh']b'\]g'd\]`Ubh\fcd]WYZZcfhgž'YgdYW]U``m gi ffci bX]b['gi]W]XY'dfYj Ybh]cb'Uk UfYbYgg"'G`UhYf'\Ug'U`gc gi WWYggZi ``m'j Ybhi fYX']bhc'YbhfYdfYbYi fg\]d'k]h\'\]g'YWc!Zf]YbX`m UddUfY`'VfUbX'Ci hYf_bck bž'U`cb[g]XY'\]g'VYj YfU[Y'Wca dUbm Di fdg'UbX'g_]bWUfY'`]bYž': fYU_g'cZ'BUhi fY"'K]h\'a i g]WU` Wc``UVcfUh]cbg'k]h\'Ufh]ghg'`]_Y'\\J_` \approx \bgcb'UbX'DYUf`'\Ja ž'\Y\Ug'X]gd`UmYX'\]g'j YfgUh]`]hm'VYmcbX'gi fZ]b["

: Ua]`m'UbX': i hi fY

5a cb['\]g'a cgh'W\Yf]g\YX'UWWca d`]g\a Ybhg']g'\]g'fc`Y'Ug'U
ZUh\Yf"'G`UhYf'g\UfYg'\]g'`]ZY'k]h\'\]g'VY`cj YX'XUi [\hYfž'HUm`cfž
Vcfb']b'%--*ž'UbX'\Y g'W'ffYbh`m']b'U'`cb[!hYfa 'fY`Uh]cbg\]d'k]h\
?U`Ub]'A]``Yf"'6U`UbW]b['h\Y'f][cfg'cZ'U'dfcZYgg]cbU``WUfYYf'k\]'Y
bi fhi f]b['\]g'ZUa]`m'`]ZYž'G`UhYf'Wcbh]bi Yg'hc']bgd]fY'Vch\']b'UbX
ci h'cZ'h\Y'k UhYf"

5g·G`UhYf`fYZYWhg`cb`\]g`dUghž`]h g`WYUf`h\YfY g`gca Yh\]b[`hc`VY gU]X`Zcf`\]g`YbXi f]b[`]bZi YbW'cb`h\Y`gdcfh`cZ`gi fZ]b["`9j Yfm k Uj Y`\Y`f]XYg`\Ug`U`ghcfmž'Yj Yfm`Wca dYh]h]cb`U`a Ya cfm"<]g ci fbYmž'k \]W\`VY[Ub`Uh`@ck Yf`HfYgh`Ygž'k]```ZcfYj Yf`fYgcbUhY`]b h\Y`\YUfhg`cZ`gi fZYfg`UbX`VYUW\[cYfg`U`]_Yž`fYa]bX]b[`i g`U```h\Uhža i W\``]_Y`h\Y`h]XYž'dUgg]cb`WUb`WUffm`i g`Zi fh\Yf`h\Ub`k Y`Yj Yf la U[]bYX": cf`a cfY`cb`?Y``m`G`UhYf g`fYa Uf_UV`Y``ci fbYmž'W\YW_ci h`K]_]dYX]U`UbX`K]_]`DU[Y"

8 Y hU]`g	
Cfh	7cWcU ⁻ 6YUW\ž ⁻ : `cf]XUž ⁻ I G5
EiY``Yb	• k k k "mUfXVUf_Yf"Wca
	Yb"a "k]_]dYX]U"cf[
	Yb"k]_]dYX]U"cf[

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