5g`XYhU]`YX`Vm`**J]``U[Yg`BYk g**ž`fYW]d]Ybhg`cZ`h\]g`gW&c`Ufg\]d \UjY`[cbY`UVcjY`UbX`VYmcbXž`Wcad`Yh]b[`ZcWigYX`\][\`gW&cc`

7U``U\Ubž: `cf]XUž'I G5 !!H\Y'Gi a hYf'GW\cc`g'9b\UbWYa Ybh : ci bXUh]cb'UbX'K]`Xk ccX'K]`XWUhg'6ccghYf'7`i V'\Uj Y Ubbci bWYX'k]bbYfg'cZ'h\Y'\][\`m'UWWU]a YX'&\$&) `i a d'GhUfh GW\c`Ufg\]dg"'5 hchU``cZ'g]I hYYb'[fUXi UhYg'\Uj Y'YUfbYX'U '\$!WfYX]h'hi]h]cb'UbX'ZYY'gW\c`Ufg\]dž'dUj]b['h\Y'k Um'Zcf'h\Y]f YXi WUh]cbU``^ci fbYmg']b': `cf]XU g'Wc``Y[Ygž'i b]j Yfg]h]Ygž'UbX hYW\b]WU``gW\cc`g"'H\YgY'mci b['gW\c`Ufg'\Uj Y'X]gh]b['i]g\YX h\Ya gY`j Yg'h\fci [\'U'f][cfci g'' !MYUf'i a d'GhUfh'D`Ub'h\Uh i bXYfgWcfYg'h\Y'Wca a]ha Ybh'bYYXYX'hc'gi WWYYX']b'\][\Yf YXi WUh]cb"



G]I hYYb`[fUXi UhYgʻZfca `Gi a hYf`GW\cc`gʻfYWY]jY`&\$&)`≯a d GhUfh`GW\c`Ufg\]dgžgi ddcfh]b[`WUfYYfg`]b`\][\!XYa UbX Z]Y`Xg`h\fci [\`a Ybhcf]b["

H\Y`Z]Y`Xg`h\YgY`ghi XYbhg`UfY`YbhYf]b[ž`]bWi X]b[`bi fg]b[ž YXi WUh]cbž`UbX`j Uf]ci g`hYW\b]WU``hfUXYgž`UfY`]b`\][\`XYa UbXž g][bU`]b[`U`dfca]g]b[`Zi hi fY`bch`f gh`Zcf`h\Ya ž`Vi h`Zcf`: `cf]XU g

- G\Uibh]U'K]``]Uag' Bifg]b['Uh'@U_Y'HYW\b]WU`'7c``Y[Y
- 7c``Y[Y
 5Xf]UbbU'DYfYn' '9Xi WUh]cb'Uh'I b]j Yfg]hm'cZ'Bcfh\': `cf]XU
- I b]j Yfg]hmicZBcfh\': `cf]XU
 FUmiAcg`Ym' '9`YWhf]W]hmiUhiK]h\`UWccWXYY'HYWXb]WU`
- 8U]gYmA]fUbXU!5Y′c → ⊕hYfbUh]cbU``6ig]bYgg'Uh
- 7c``Y[Y • 5`YI]U`A ₩7fUm` '9IYfŴjgY`GŴjYb\WY`Uh`Gh"`H\ca Ug`7c``Y[Y
- 7\YmYbbY`@YU` `DgmVXc`c[m`Uh`@U_Y`GiahYf`GhUhY
- ?Y bm/U\`@Uff]g``Bifg]b[`Uh`@U_Y`GiahYf`GhUhY`7c``Y[Y
- 7c``Y[Y • 5_Y]ffU`≯JW_gcb``Ib]jYfg]hm`cZBcfh\`:`cf]XU
- GcZ]U'<Yfg\VYf[Yf' '6ig]bYgg'Uh'@U_Y'Gia hYf'GhUhY
- GhUhY '7c``Y[Y
 Hf]b]Xm' < Uff]g' 'Gdcfhg'AYX]W]bY'Uh'Gh" DYhYfgVif['7c``Y[Y
- 7c``Y[Y
 YfYa]U\`<Ufj UfX``@]bYa Ub`hfU]b]b[`Uh`@U_Y`Gi a hYf
- 5 8Yf]U': fYYa Ub' '<YU`h\'GW]YbWY'Uh'7YbhfU`': `cf]XU
- 7c``Y[Y
 GUj UbbU\`: `mhY``<]ghcfm'Uh`@U_Y`Gi a hYf`GhUhY`7c``Y[Y
- 5bXfYU::]m[YfU`X``6ig]bYgg`Uh`@U_Y`Gia hYf`GhUhY
- 7c``Y[Y]
 BUf`YW]U'6fckb' '9Xi WUh]cb'Uh'Ib]jYfg]hm'cZ'Bcfh\': `cf]XU
- <Ufa cbm[·]6Yj Y[·]Y[·] [·]6i g]bYgg[·]Uh[·]@U_Y[·]Gi a hYf[·]GhUhY

5a cb[`h\]g`mYUfg`]a dfYgg]jY`Wc\cfh`UfY.`

A YYh'h\Y'GW\c`Ufg

Wci fgYk cf_žXYX]WUh]b['cj Yf'&) '\ci fg'hc'Wca a i b]hm'gYfj]WY'cf k cf_'YI dYf]YbWYž'UbX'a U]bhU]b]b['Zi ``!ghUbX]b['UWWYdhUbWY']bhc j Uf]ci g'dcghgYWcbXUfm']bgh]hi h]cbg"'H\]g``Yj Y``cZ'XYX]WUh]cb YI Ya d`]Z]Yg'h\Y'j U`i Yg'cZ'\UfX'k cf_'UbX'W]j]WfYgdcbg]V]`]hm'h\Uh h\Y'\$i a d'GhUfh'dfc[fUa 'W\Ua d]cbg"

 $5g^{k}Y^{k}$]hbYgg^{h}Y^{ghfYb[h}^{UbX^{XYhYfa}}bUh]cb^{c}Z^{h}YgY^{gWk}c^{Ufg^{z}}

H\YgY'dfc[fUa g'ZcWi g'cb'YbWci fU[]b['Wca a i b]hm']bj c`j Ya Ybh UbX'cZZYf'ghfi Whi fYX'UWUXYa]WUgg]ghUbWi'hc'ghi XYbhg'k \c'bYYX]h'a cgh"'J c`i bhYYf'WcUWXYg'k]h\'h\Y'≯ a d'GhUfh'dfc[fUa 'WUb Wcbhf]Vi hY'g]a]`Uf`mž'[i]X]b['ghi XYbhg'h\fci [\'h\Y'Wca d`YI]h]Yg cZ'Wc``Y[Y'Udd`]WUh]cbgž'a cW_']bhYfj]Yk gž'UbX'WUfYYf'YI d`cfUh]cb"

H\Y'di g\'ZcfYb\UbWYX'a Ybhcf]b[']b': `cf]XU g'YXi WUh]cbU` `UbXgWUdY'U`][bg'k]h\'h\Y'ghUhY g'VfcUXYf'[cU`g'hc']a dfcjY'h\Y dYfZcfa UbWY'cZ'Uh!f]g_'ghi XYbhg"'5WWcfX]b['hc'h\Y': `cf]XU 8YdUfha Ybh'cZ'9Xi WUh]cbž'j Uf]ci g']b]h]Uh]j Yg'UfY'U`fYUXm']b d`UWYž'gi W\'Ug'h\Y'6]['6fch\Yfg'6]['G]ghYfg'dfc[fUa 'UbX'h\Y MA 75`F958G°']b]h]Uh]j Yž'U]a]b['hc'dfcj]XY'j]hU`'gi ddcfh'Zcf ghi XYbhg'bUj][Uh]b['h\Y]f'UWUXYa]WWUfYYfg"

AYbhcf]b['UbX'Giddcfh'=b]h]Uh]jYg

Ghi XYbhgʻUfYʻYbWci fU[YX'hcʻgYʻYWhʻj c`i bhYYfʻUWh]j]h]Ygʻh\Uh fYgcbUhYʻk]h\'h\Y]fʻ]bhYfYghgž'k \Yh\Yfʻ]h gʻk cf_]b[ʻk]h\'mci h\ž U]X]b['h\YʻY`XYf`mž'cfʻgi ddcfh]b[ʻ`cWU```]VfUf]Yg"ʻGi W\ Wca a]ha Ybhgʻbchʻcb`mʻYb\UbWYʻWc``Y[YʻUdd`]WUh]cbgʻVi hʻU`gc ZcghYfʻU``]ZY`cb[ʻdUgq]cbʻZcf`\Y`d]b[ʻch\Yfg"

9b[U[Ya Ybh']b'Wca a i b]hm'gYfj]WY']g'a cfY'h\Ub'1 gh'U fYei]fYa Ybh'Zcf'U'gW\c`Ufg\]d/']h'd`Umg'U'g][b]Z]WUbh'fc`Y']b g\Ud]b['k Y``!fci bXYX']bX]j]Xi U`g"'5g'\][\`][\hYX'Vm': `cf]XU g 7ca a i b]hm'GYfj]WY'; i]XY`]bYgž'a Ubm'UWUXYa]WgW\c`Ufg\]dgž]bWi X]b['h\Y': `cf]XU'6f][\h': i hi fYg'GW\c`Ufg\]d`Dfc[fUa ž bYWYgg]hUhY'Wca d`Yh]cb'cZ'U'a]b]a i a 'cZ'+) 'Wca a i b]hm'gYfj]WY \ci fg"'H\YgY'YI dYf]YbWYg'U``ck 'ghi XYbhg'hc'Udd`m'k \Uh'h\Ymj Y `YUfbYX']b'h\Y'WUggfcca 'UbX'Zi `Z]``'h\Y]f'W]j]WXi h]Yg"

H\Y`Fc`Y`cZ'7ca a i b]hm`GYfj]WY

k cf_ZcfWY`Ug`k Y``"`H\Y`\$ a d`GhUfh`dfc[fUa ž`a YUbk \]`Yž`]g UWh]j Y`m`gYY_]b[`j c`i bhYYf`WcUWXYg`hc`[i]XY`a cfY`ghi XYbhg h\fci [\`h\Y]f`dUh\g`hc`gi WWYgg"]h'VYWca Yg'WYUf'h\Uh'Wca a i b]hm'gi ddcfh'd`Umg'U'd]j chU`'fc`Y']b g\Ud]b[':`cf]XU g'Zi hi fY"'K \Yh\Yf'h\fci [\'XcbUh]cbg'cf j c`i bhYYf]b[ž']bX]j]Xi U`g``cc_]b['hc`a U_Y'U'X]ZZYfYbWY'WUb WYfhU]b`m'Z]bX'U'fYk UfX]b['Uj Ybi Y'hc'Xc'gc"

8YhU]`g	
Cfh	7U``U\Ubž': `cf]XUž'I G5
EiY``Yb	• k k k "j]``U[Yg!bYk g"Wca
	• k k k "ghUhYcZZ`cf]XU"Wca
	• k k k "Z`XcY"cf[

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