%('/ _ \$' - /Bc'?]b[g/ _ \$' - /DfchYghg'<]h 7YbhfU``: `cf]XU. '>c]b'h\Y'A cj Ya Ybh°

Cb'\$bY'%(ž&\$&) ž7`Yfa cbh'7]hm'<U```\cghg'U'/ ei ch/Bc ?]b[g/ei ch/'dfchYgh'Zfca '*!+.' \$`DA ž'dUfh'cZ'bUh]cbk]XY XYa cbghfUh]cbg'U[U]bgh'h\Y'Hfi a d'UXa]b]ghfUh]cb"



7`Yfa cbh'7]hm'<U``ž'*,)`K "`A cbhfcgY`Gh"ž'7`Yfa cbhž :`cf]XUž'I G5`!`=b`U`g][b]Z]WUbh'Yj Ybh'gW\YXi `YX`Zcf`=i bY`%(ž &\$&) ž'7YbhfU``: `cf]XU`k]```gYY`U`gYf]Yg`cZ`dfchYghg`_bck b`Ug` Bc ?]b[g`fU``m]b[`Uh'%(`X]gh]bWh``cWUh]cbg"`H\YgY`XYa cbghfUh]cbg UfY`cf[Ub]nYX`hc`Wc]bW]XY`k]h\`:`U[`8Umž`DfYg]XYbh`Hfi a d g`+- h\ V]fh\XUmž`UbX`h\Y`I "G"`5fa mg`&) \$h\`Ubb]j YfgUfm`WY`YVfUh]cb"`5g` <YUX`]bYgi fZYf`fYdcfhgž'h\Y`dfchYghg`U]a`hc`W\U``Yb[Y`k \Uh a Ubm`gYY`Ug`Ui h\cf]hUf]Ub`cj YffYUV\`Vm`h\Y`Hfi a d UXa]b]ghfUh]cb"

H\Y`WccfX]bUhYX`YZZcfhg`gdUb`jUf]cig`W]h]Yg`UbX`hckbg`UWfcgg`h\Y fY[]cb"`?Ym``cWUh]cbg`]bWiXY.

- 5dcd_U. '9Xk UfXg':]Y`Xž'&+- '9"'%gh'GhfYYhž'%\$ 'Ua 'hc'%& da
- 7 UggY`VYffm '7 cfbYf'cZ'GhUhY'FcUX'(' * 'UbX'< ck Y``
 6 fUbW\'FcUXž'%\$ 'Ua 'hc'%&'da
- 7`Yfa cbh.'7`Yfa cbh'7]hm'<U``ž'*,) K "AcbhfcgY'Gh"ž'*'hc
 +.' \$'da
- 8UmhcbU'6YUW.'7]hm'<U``ž'' \$%'G'F]X[YkccX'5jY
- ?]gg]a a YY. HfU]`6f]X[Yž' hc**da
- @U_Y`AUfm`%)&)`=bhYfbUh]cbU``D_kmž`%\$`Ua`hc`%&`da
- @YYgVif[.'|G'((%'UbX'7c``Y[Y'8f"ž'-)\$%'|G!((%z'%\$'Ua hc'%&'da
- A ci bh'8cfU. → bhYfgYWh]cb'cZ'8cbbY``m'UbX'IG'((%ž'%, , '%)
 IG!((%ž'%\$'Ua 'hc'%&'da)
- BYk 'Ga mfbU'6YUW. 'GF'(('/ 'A]gg]cb'8f]j Yž'%\$ 'Ua 'hc'%& da
- Cf`UbXc'7]hm'<U``.'(\$\$'G"'CfUb[Y'5jY"ž') hc'+.'\$'da
- CfUb[Y'7]hm', + GUIcb'6`j Xž%hc'' da
- DU`a '7cUgh '& `cWUh]cbg' ') %\$\$ 'F h'%\$\$ 'fHUf[Yh'D`UnUŁ'UbX A YX]Ub DU`a '7cUgh'D_k m'/ 'C`X'?]b[g'FcUXž'%%'Ua 'hc'%& da
- Dc]bW]UbU. 'Gc`]j]hU': fcbh'9bhfUbW/ž'7mdfYgg'DUf_k Umž'%\$ Ua 'hc'%&'da
- GUbZcfX. → hYfbUh]cbU`DUf_kUm'/ '7cibhm'FcUX'(*5

5 '7 U``'hc '5 Wh]c b

H\Y`Bc??]b[g`dfchYghg`UfY`dUfh`cZ`U`VfcUXYf`bUh]cbk]XY a cV]`]nUh]cb`hc`XYZYbX`XYa cWfUWm`UbX`dig\`VUW_`U[U]bgh dYfWY]jYX`Uih\cf]hUf]Ub]ga "`5g`fYdcfhYX`Vm`DU`a `6YUW\`Dcghž cjYf`&ž\$\$\$`dfchYghg`UfY`YIdYWhYX`UWfcgg`h\Y`Wcibhfm`cb`h\]g`XUmž a U_]b[`]h`cbY`cZ`h\Y``Uf[Ygh`g]b[`Y!XUm`a cV]`]nUh]cbg`g]bWY Hfia d`fYhifbYX`hc`cZZ]VW"

Cf[Ub]nYfgžk\]W\`]bWiXYkY``!_bckb`[fcidg``]_Y`h\Y`57@ `UbX AcjYCbžUfY`Ubh]W]dUh]b[`U`fcVigh`hifbcih"K]h\`ZYY`]b[g`fibb]b[\][\`fY[UfX]b[`]ggiYg``]_Y`]aa][fUh]cb`YbZcfWYaYbh`UbX \YU`h\WUfYžXYacbghfUhcfg`UWfcgg`h\Y`bUh]cb`k]```VY`jc]W]b[`h\Y]f WcbWYfbg`cb`U`[fUbX`gWU`Y"

7ca	аi	b]ł	nm 5 k	UfYb	Yggʻ	UbX`@	⊇Uk
9bZcfVWfa YbhDfYgYbVWf							

@Uk 'YbZcfWYa Ybh'U[YbW]Yg']b'7YbhfU`': `cf]XU'UfY'Zi ``m'Uk UfY'cZ h\Y'd`UbbYX'XYa cbghfUh]cbg'UbX'UfY'dfYdUfYX'hc'a UbU[Y'h\Y YjYbhq'Ug'bYYXYX"'H\Y'Uih\cf]h]Yg'UfY'Wcaa]hhYX'hc'Ybgif]b[h\Uh'h\Y'dfchYghg'fYa U]b'dYUWYZi `ž'k \]W\'fYgcbUhYg'k]h\'h\Y cjYfUfWX]b[`[cU`cZh\Y`cf[Ub]nYfg.hc`dfcachY`U`aYggU[Y`cZ XYa cWfUWmUbXfYq]qhh\YWcbgc`]XUh]cbcZdckYf"

+bhYfYgh]b[`mžk \]`Y`h\YgY`dfchYghg`[U]b`hfUWh]cb`]b`h\Y`I "G"ž`]hg $Y = y = \frac{1}{2} \left[\frac{1}{2} \right] \left[\frac{1}{2} \left[\frac{1}{2} \right] \left$ hc'?]b[g'8Um'fl?cb]b[gXU[ŁWYYVfUhYX]b'h\YBYh\Yf`UbXgž k \]W\ `\cbcfg`?]b[`K]``Ya !5`YI UbXYf g`V]fh\XUm"`H\Y`8i hW\ \c`]XUm']q'U'XUm'cZ'a Yff]a Ybh'UbX'ZYgh]j]hmž'dUfh]W'`Uf`m']b a Uf_YX WcbhfUghihc h\Y`gYf]ci g hcbY`cZ`h\Y`dfchYghg`\YfY"

5 BUh]cbU`A ca Ybh

U`]j Y`UbX`k Y```]b`7YbhfU``: `cf]XU"

8 Y hU]`g

EiY``Yb

Cfh

H\Y`idWca]b[`fU``]Yg'UWfcgg': `cf]XU'UfY'bch'igh``cWU`]nYX cWW ffYbWg/h\YmUfY'dUfh'cZ'U``Uf[Yf'bUh]cbU``a cj Ya Ybh'U]a]b[hc'g][bU``gc`]XUf]hm'U[U]bgh'dYfWY]jYX'[cjYfbaYbhU``cjYffYUWX" 5gʻUfh]Wʻ`UhYX`Vm<mark>B67`BYk</mark>gžYjYbhgʻUWfcggʻh\Y`Wcibhfmik]`` [Uh\Yf`j Ufm]b['XYa c[fUd\]Wgž'U```i b]hYX`]b`di fdcgY"'K \Yh\Yf`]b JUW_gcbj]``Y cf Cf UbXcž h\Y h\Ya Y cZ fYg]ghUbWY hc Ui h\cf]hUf]Ub]ga 'k]``YW\c'Ug'U'Wc``YWh]j Y'Wfm'Zcf'XYa cWfUWm"

5g': `cf]X]Ubg'dfYdUfY Zcf'h\]g'XUm'cZ'dfchYghž'h\Y'Ubh]W]dUh]cb [fckg"'K]```]h'gYh'h\Y'hcbY'Zcf'Zi hi fY'dc`]h]WU``X]gWci fgY3'Cb`m

h]a Y k]```hY``ž'Vi h'Zcf'bck ž']hg'WYUf'h\Uh'h\Y'gd]f]h'cZ'UWh]j]ga ']g

7`Yfa cbhž': `cf]XUž'I G5

7`Yfa cbh'7]hm'<U``ž'*,) 'K "'A cbhfcqY'Gh"ž

k k k "\YUX`]bYqi fZYf"Wca

- k k k "dU`a VYUW\dcgh"Wca
- k k k "bVWbYk g"Wca

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