: fcghdfccZ'A Ub '7Ui [\h'DU]bh]b['Ghc`Yb >YYdž'HfU]`Yf'FYWcj YfYX°

5 : fcghdfccZ'a Ubž'' \$ž'W\Uf[YX'k]h\'[fUbX'h\YZh'UZhYf'dc`]W\'\] b_-']a 'hc'U'ghc`Yb'YYd'UbX'i h]`]hm'hfU]`Yf']b'Yb'Y8\\"



 $: fcghdfccZ\tilde{z}: `cf]XU\tilde{z}'I G5'! * b'U'dYfd`YI]b['hU`Y'h\ Uh ibXYfgWcfYg'cb[c]b[']ggi Yg'k]h\ 'j Y\]WY'h\ YZh']b': `cf]XUž $\pibUh\ Ub'6f]hc'6Yfa i XYnž'U' $!mYUf!c`X'a Ub'Zfca': fcghdfccZž Zci bX'\]a gY`Z']b'\ch'k UhYf'UZhYf'U'gYf]Yg'cZ'ei Ygh]cbUV`Y'UWh]cbg fY`UhYX'hc'U'ghc`Yb'*Yd'UbX'U'ih]`]hm'hfU]`Yf"'H\ Y'Dc`_'7ci bhm G\ Yf]ZZ g'C ZZ]WY'fD7GC \{'_]W_YX'cZZ'h\ Y']bj Ygh][Uh]cb'cb'* bY'\%k \ Yb'h\ Ym'fYWY]j YX'U'fYdcfh'UVci h'U'\&\$\%\'ih]`]hm'hfU]`Yf'h\ Uh'\ UX a mghYf]ci g`m'j Ub]g\ YX'''9mYk]hb YggYg'dc]b hYX'hc'U'k \]hY'\&\%(*Yd'; fUbX'7\Yfc_YY'Ug'h\ Y'[YhUk Um'j Y\]WY\"z'dfca dh]b['U'gk]Zh fYgdcbgY'Zfca '`cWU`'XYdi h]Yg''$

 \Rightarrow gh'U'XUm'`UhYfž'G[h'''GUbXYfg'gdchhYX'U' \Rightarrow Yd'h\Uh'Z]h'h\YXYgWf]dh]cb'dUf_YX']b'U'mUfX'cb'K Ygh': fcghdfccZ'FcUX'''I dcb

5.7ca a i b]hm.5.Yfh

 $H\Y`D7GC`YbWcifu[Yg`Wcaaib]hm'j][]`UbWY`]b``][\h'cZ'h\]g`fYWbh]bW]XYbh"`H\Y`hfU]`Yfž`Wcaacb`mih]`]nYX`Zcf`hfUbgdcfh]b[Yei]daYbh'cf'dfcj]X]b[``UbXgWUd]b[`gYfj]WYgž']g`U'jU`iUV`Y`UggYhhc'aUbm']b`h\Y`UfYU"`5ZhYf'h\Y`fYWcjYfmcZ'h\Y`hfU]`Yfž'6YfaiXYnkUg`UffYghYX`UbX`bck`ZUWYg'ai`h]d`Y`gYf]cig`W\Uf[Ygž']bWiX]b[$; fUbX`H\YZhcZ`U`Achcf`JY\]WY`UbX`DcggYgg]cb`cZ`U`AchcfJY\]WY`k]h\`5`hYfYX`J\B''<]g`UWh]cbg`fU]gY`eiYgh]cbg`UVcih`\ckcZhYb`h\YgY`h\YZhg`c\WW\f`UbX`k\Uh`fYg]XYbhg`WUb`Xc`hc`dfYjYbhh\Ya"$

 $H\Y'BUh]cbU`` + bgi fUbW'`7f]a Y'6i fYUi `fB = 76Ł'fYW'bh`m`fYdcfhYX h\Uh'j Y\]WY'h\YZh'fUhYg'\Uj Y'gi f[YXž'k]h\'U'ZcW' g'cb'dUfh]W'`Uf a U_Yg'UbX'a cXY`g'Zcf'&$&' "' + b'U'ghf]_]b['g\]Zhž'?]U'UbX'< mi bXU] j Y\]WYg'hcddYX'h\Y'`]gh'Zcf'h\Y'\][\Ygh'h\YZh'fUhYgž'U'hfYbX g][b]Z]WUbh`m']bZi YbWX'Vm'gcW]U``a YX]U'WcbWcWh]b['a Yh\cXg'hc ghYU``h\YgY'a cXY`g''H\Y'B = 76 g'fYdcfh']bWi XYg'U'fUh\Yf'hY``]b[`]gh'cZ'h\Y'a cgh'ghc`Yb'j Y\]WYgž'fYj YU`]b['h\Y'< mi bXU]'9`UbhfU UbX'GcbUhU'Ua cb['h\Y'hcd'fUb_g''$

$GhUm]b[5\YUXcZH\]YjYg$

 $5`a cgh',) i cZ'ghc`Yb'dUggYb[Yf'jY\]WYg'UfY'YjYbhiU``m fYWcjYfYXž'UbX'U'g]nUV`Y'dcfh]cb ' (i UfY'ZcibX'k]h\]b'U'XUm cZ'h\Y'h\YZh''H\]g'\][\`][\hg'h\Y']a dcfhUbW'cZ'ei]W_'fYdcfh]b["B=76'DfYg]XYbh'UbX'79C'8Uj]X'>"; `UkY'\Ug'Ya d\Ug]nYX'h\Y cb[c]b['h\fYUh'cZ'jY\]WY'h\YZh'UbX'h\Y'bYWYgg]hm'Zcf'ckbYfg'hchU_Y'dfchYWh]jY'a YUgifYg'': cf'YlUa d`Yž'dUf_]b[']b'kY``!`]h'UfYUg$

UbX'Ybgi f]b['U```k]bXck g'UbX'Xccfg'UfY'gYW fY`m'`cW_YX'WUb a U_Y'U'k cf`X'cZ'X]ZZYfYbW'"

- DUf_']b'k Y``!`]h'UfYUg"
- @cW_'U```k]bXckg'UbX'Xccfg"
- <]XY'j U`i UV`Yg'ci h'cZ'g][\h"
- 8 c 'b c h'`YUj Y'_Ymg']bg]XY'h\Y'j Y\]WY"
- BYj Yf``YUj Y`h\Y`j Y\]WY`fi bb]b[i bUhhYbXYX"

=Z'mci f'j Y\]WY']g'ghc`Ybž'h\Y'B = 76'fYWca a YbXg'fYdcfh]b[']h'Vch\
hc``Uk 'YbZcfWYa Ybh'UbX'mci f']bgi fUbWY'dfcj]XYf'f][\h'Uk Um''
Dfcj]X]b['Wfi W]U``XYhU]`g``]_Y'h\Y'a U_Yž'a cXY`ž'Wc`cfž``]WYbgY
d`UhY'bi a VYfž'UbX'J = B'WUb'g][b]Z]WUbh`m']bWfYUgY'h\Y'W\UbWYg'cZ
fYWcj Yfm''

5g·h\Y`Wcaaib]hmifYZYWhgicbi6YfaiXYngifYW_`YggiVY\Uj]cfiUbXh\Y`VfcUXYfi]ad`]WUh]cbgicZijY\]WY`h\YZhži]hi]giWYUfih\UhighUm]b[j][]`UbhiUbXi]bZcfaYX`WUbi[ciUi`cb[ikUm"@Yhgikcf_ihc[Yh\YfihcYbgifYicifijY\]WYg UbXicifiWcaaib]hm fYaU]bigYWifYiUa]Xghh\YgY`cb[c]b[iWXU``Yb[Yg"

8 YhU]`g	
Cfh	: fcghdfccZž': `cf]XUž'l G5
EiY``Yb	• k k k "hUa d UZd "Wca
	Wcibhm`cWU`bYkg"Wca
	• k k k "b]VW"cf[

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