



ARTS3030

GYy]b['5i ghU`]U# YUX]b['5i ghU`]U

Gi a a Yf`##`&\$%

7 ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUWhi8YHJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
6j`5g\WfcZh	V"Ug\WfcZh i bgk "YXi "Ui	5`k Umg`Uj Uj`UV`Y`]b Wti fgY`X]gW gg]cb		

9ggYbhjU`'bZcfa Uhjcb`

5`G5A`ghi XYbhj`a i gha U_Y`U`j U`X`UhhYa dhUhU`UggYgga Ybhj`j`b`cfXYf`hc`dUgg`h`Y`W`e`i`fgY"

: cf`YggYbhjU`'ghi XYbhj`bZcfa Uhjcb`fY`Uhj`b[`hc.`UhhYbXUbW`fYei`j`fYa`Ybhj`/fYei`Yghj`Zcf`YI`H`bg]cb`/fYj`jYk`cZ`a`Uf_g`/cVW`dUhjcbU`YU`h`UbX`gUZ`m`/YI`Ua`j`bUhjcb`dfcW`Xi`fYg`gdYW`U`W`cbg]XYfUhjcb`j`b`h`Y`Yj`YbhcZ`j`b`Ygg`cf`a`j`gUXj`Ybh`fY`/ghi`XYbhYei`j`m`UbX`X`gUV`j`j`m`/UbX`ch`Yf`YggYbhjU`'a`UhhYfgz`gYY`h`Y`G5A`Dc`j`WYg`UbX`i`j`XY`j`bYg`k`YVdU`[`Y.`[\hfdg.#gUa`"Ufhg"i`bgk`"YXi`"Ui`#ghi`XYbhj`#Ygci`fWg#dc`j`WYg!`\[i`j`XY`j`bYg#`](#)

7 ci fgY'8YHJ]`g

7 fYX]hDc]bhr '*`

Gi a a UfmcZ'h\Y'7 ci fgY

Gi V'YWh5fYU.'7`Y'eZ

ŕŕYY]b['5i gfu]Uf]g'Ub'cb`]bY'Wci fgY'hUhYI Ua]bYg'hY'k Um5i gfu]U'\Ug'VYYb'ŕYYbfcj Yf'hY''Ughk c
W'bh f]Ygž]b'j]gi U''UfhUbX'']hYfUhi fY''6Y[]bb]b['k]h' UbU'mg]b['hY'WcbW'dhcZŕYY]b[f]ŕgY'Z'k Y'k]`
]bj Ygh[U'h'\ck '5i gfu]U'\Ug'Wca Y'hc'YI]gh]b'hY'a]bX'cZ]ŕg'ck b'dYcd'Y'UbX'h'cgY'Z'ca 'chYf'Wci bh]Yg"
ŕ'h]g'dfcW'gg'mci 'k]'X]gW'j Yf'gca Y'cZ'hY'Z bXUa YbU'W'hi fU'a m'hg'hUh\Uj Y'[cbY'hc'g\UdY

7 fYX]hDc]bHg '*`

Gi a a UfmcZhY'7ci fgY

Gi VYWh5fYU.7`YfZ

fGYY]b['5i ghfU]Uf]g'Ub'cb`]bY'Wci fgY'hUhYI Ua]bYg'hY'k Um5i ghfU]U'\Ug'VYYb'fGYYbfc] Yf'hY'Ughk c
WVbh f]YgZ]b'j]gi U'UfhUbX'']hYfUhi fY''6Y[]bb]b['k]h'UbU'mg]b['hY'WcbWVdhcZfGYY]b[f]hG'Z'k Y'k]`
]bj Ygh[UH'\ck '5i ghfU]U'\Ug'Wca Y'hc'YI]gh]b'hY'a]bX'cZ]hg'ck b'dYcd'Y'UbX'h'cgY'Z'ca 'chYf'Wci bhf]Yg"
#`h]g'dfcWVgg'mci 'k]`X]gWc] Yf'gca Y'cZ'hY'Z' bXUa Ybhu'W'hi fU'a n'hg'hUh\Uj Y'[cbY'hc'g\UdY
5i ghfU]Ub'gcWYhmVmYbWci bhf]b['X]ZYfYbhk Umg'cZfGYY]b[fVYg]XYg'hY'di fY'mj]gi U''5h'hY'WcbWi]g]cb
cZ'hY'Wci fgY'mci 'k]`VY'UV'Y'hc']XYbh]ZhihY'fUb[Y'cZ'fYdfYgYbhU]cbg'VmK '\]WV'f5i ghfU]Uf]Ug'Wca Y
]bhc'VY]b["

5h'hY'WcbWi]g]cb'cZ'h]g'Wci fgY'hY'ghi XYbhk]`VY'UV'Y'hc

%`XYbh]Zmgca Y'cZ'hY'a U'cf'k Umg]'b'k '\]WV'5i ghfU]U'\Ug'VYYb'XYd]WVX']b'UfhUbX'']hYfUhi fY
&" 5bU'mgY'UbX'X]gW'gg'hY'W'hi fU'VUgY'g'cZ'fYdfYgYbhU]cb`]b'5i ghfU]Ub'UfhUbX'']hYfUhi fY
' " F YUX'UbX'W]h]W'`mUggYgg'UWUXYa]Wk f]h]b['cb'5i ghfU]Ub'hY' hg
(" 9i d'U]b'hY'k Umg]'b'k '\]WV'Z'fa g'cZ'fYdfYgYbhU]cb'cdYfU'Y']b'5i ghfU]Ub'hY' hg

HYUW]b['GhfU]h[]Yg'

F U]h]cbU'Y.

H\Y'cb`]bY'Z'fa Uh]g'XYg][bYX'hc'a Ul]a]gY'ghi XYbhgfi Yb[U[Ya Ybhk]h'hY'Wci fgY'UbX'hY]f
UW]Y] Ya YbhkZ'YUfb]b['ci h'Wca Yg''#i]g'dUfh]W'Uf'mi gYZ' `VYWUi gY']hia Ul]a]gYg'hY'cddcfh]b]mhc
Yb[U[Y'k]h'hY'a UHf]U'UbX'hc'Yb[U[Y']b'X]gW'gg]cb"

H\]g'a cXY'g'Uddfcdf]UH'Z'f'U'Y] Y''`Wci fgY'VYWUi gY']hgi]hg'ghi XYbhg'k \c'UfY'i bUV'Y'hc'VY'cb'Wda di g"
H\Y'cb`]bY'a cXY'U'ck'g'a Ul]a i a 'ZYI]V']mZ'f'ghi XYbhdUfh]W'dU]cb"

5h'hY'YbX'cZ'hY'Wci fgY'Z'ghi XYbhg'k]`\Uj Y'\UX'hY'cddcfh]b]mhc'Udd'mU'fUb[Y'cZ'W]h]W'UddfcUW]Yg'hc
'hYfUfmhY' hgZ'hc']a dfc] Y'hY'ei U']mhcZ'hY]f'fYgYUfVX'UbX'k f]h]b['g_]`g'UbX'hc'XY] Y'cd'gY'Z]X]fYWVX
'YUfb]b['dfcW'ggYg"

HYUW]b['GhfU]h[]Yg.

H\Y'Wci fgY'k]`Wc] Yf'hk c'a cXi 'Yg'dYf'k YY_'`9UW' a cXi 'Y'k]`VY']bfcXi W'X'cb'hY'@YUfb]b[
A UbU[Ya YbhGmg]h'a 'h'fci ['\cb`]bY''WVh' fY'Z'X]fYW]cbg'Z'f'fYUX]b['UbX'fYgci fW'g'Wc] Yf]b['hY'hc'd]W
C bY'dYfgcb'Z'ca 'YUW'cb`]bY'[fci d'fa Ul]a i a 'cZ%'\$E'k]`VY'U'c'WVh'X'hc'dcghU'g'lc'fhYggUm'fYgdc'bX]b[
hc'U'ei Ygh]cb'cb'hY'hc'd]W'Z'cg'hU'bi a VY'f'c'Zei Ygh]cbg'[YbYfU]h'X'Vm'hY'hc'd]W'UbX'hc'a cXYfU]h
X]gW'gg]cb'Ufci bX'h'cgY'ei Ygh]cbg'"H\Y''YVh' fY'f'k]`VY']bj c] YX']b'YUW' '[fci d'f]X]gW'gg]cb"

H\Y'fU]h]cbU'Y'Z'f'hY']b]h]bg] Y'X]gW'gg]cb'Wca dcbYbh]g'hc']a dfc] Y''hYfU]h'Z'Ybgi fY'hUhU'`ghi XYbhg'\Uj Y
hY'cddcfh]b]mhc'Yb[U[Y']b'X]gW'gg]cb'UbX'hc'[]j Y'h]a Y'Z'fa c'fY'fYZYW]j Y'fYgdc'bgYg'hc'X]gW'gg]cb"

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hŤa Yg'5ggYggYX
A U`f'9ggUmi	(\$i	' %\$%#&\$% `%&.) - `DA	&ž ž(
C b`]bY`X]gW gg]cb`dcgh]b[g`			

Gi Va]gg]cb'cZ5ggYgga YbhHUg_g

Gh XYbhg'UFY'YI dYW'X'hc'di h'AY]f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[Y'cZ'AY]f'Ugg][ba Ybhg"

Hi fb]hb'Gi Va]gg]cb

z'nci 'YbWci bHY'U'dfcV'Ya 'k \Yb'UHYa dh]b['hc'gi Va]h'nci f'Ugg][ba Ybh'fci [\ 'Hi fb]hb'z'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcf'hc'b'-' ,) ' ' ' %cf'Ya U]'h'Ya 'cb'[YI HYfbU'HY'f'gi ddcf'4 i bgk "YXi "Ui."](#)Gi ddcf'h
\ci fg'UFY' , \$\$Ua '-%\$. \$da 'cb'k YY_XUmg'UbX'-' . \$Ua '-) . \$da 'cb'k YY_YbXg'f'1 *) 'XUmg'U'm'YUf'z'nci
UFY'i bUV'Y'hc'gi Va]h'nci f'Ugg][ba Ybh'Xi Y'hc'U'ZU'i 'hk]h'Hi fb]hb'nci 'a UmiUdd'm'Zcf'Ub'YI HYbg]cb'z'Vi h'nci
a i gh'f'Y]b'nci f'h]W'Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcf'h'f'U'cb['k]h'Ubmc'h'Y'f'f'Y'Yj Ubh'Xc'W a Ybh'g'k'hc
]b'Wi XY'Ug'Yj]XYb'W'hc'gi ddcf'h'nci f'YI HYbg]cb'Udd'j'W]h'cb" z'nci 'Ya U]'9I HYfbU'Gi ddcf'h'nci 'k]'
Ui 'hca Uh]W'U'm'f'Y'W'j'Y'U'h]W'Yhbi a VYf'z'Vi h]Z'nci 'HY'Yd\cb'Y'nci 'k]'b'Y'X'hc'gd'Y'W]W'U'm'Ug'_Zcf'cb'Y"
Hi fb]hb'U'gc'd'fcj]XYg'i dXU'Y'g'cb'h'Y]f'g'm'gh'Ya 'gh'U'h'g'cb'Hk]h'f'"

; Yb'Y'f'U'm]b'G5A 'h'Y'f'k]'bc'cb[Y'f'VY'Ubm'\Uf'X!W'cdm'gi Va]gg]cb/UggYgga Ybh'g'a i gh'VY'gi Va]h'Y'X
Y'Y'W'f'cb]W'U'm]j]U'Y'h'Y'f'Hi fb]hb'cf'U'A cc'X'Y'Ugg][ba Ybh'f'f']b'gh'Ub'W'g'k \Y'f'Y'h'g'g'g'bc'h'd'c'gg]V'Y'j'h'k]'VY
gh'U'Y'X'cb'nci f'W'ci fg'Y'g'a cc'X'Y'g]h'k]h'U'HY'fb'U'h]j'Y'gi Va]gg]cb'XY'U]g"

@UH'5ggYgga YbhDYbU'h]Yg

5b'UggYggYX'hUg_'jg'XY'Ya YX'UH'Z]h]g'gi Va]h'Y'X'UZ'Y'f'h'Y'gd'Y'W]Y'X'h'a Y'Ub'X'X'UH'U'g'g'Y'h'ci h]b'h'Y
W'ci fg'Y '@Y'U'fb]b['A'Ub'U[Ya Ybh'G'm'gh'Ya 'f'f'A G'z'

H'Y'UH'Y'd'Y'b'U'm]g'h'Y'c'gg'c'Z) i 'c'Z'h'Y'hc'h'U'd'c'gg]V'Y'a Uf_g'Zcf'h'Y'hUg'_Zcf'Y'U'W'X'U'm'c'f'd'U'f'h'h'Y'f'Y'c'Z'h'Y
k'cf_'jg'UH'Y'@UH'Y'b'Y'gg'k]'b'Wi XY'k YY_Yb'X'g'Ub'X'di V]W'X'c]X'Umg" H'X'g'X'c'Y'g'bc'h'Udd'm'hc'U'hUg_'h'U'h]g
UggYggYX'Vi hbc'a Uf_'jg'Uk Uf'XYX"

K'cf_'gi Va]h'Y'X'Z'ci f'h'Y'b'f'f'X'Umg'UZ'Y'f'h'Y'Xi Y'X'UH'k]'VY'a Uf_Y'X'Ub'X'Z'Y'X'V'U'W'_d'fcj]XY'X'Vi hbc'a Uf_
k]'VY'f'Y'W'f'X'Y'X" z'nci k'cf_'k'ci 'X'\U'j'Y'f'Y'W'j'Y'X'U'd'Ugg'a Uf_'Vi h'Z'f'h'Y'UH'Y'b'Y'gg'Ub'X'h'Y'k'cf_'jg'U
W'ca di 'gc'f'm'W'ci fg'Y'W'ca d'cb'Y'bh'z'U'gh'XY'bh'k]'VY'XY'Ya YX'hc'\U'j'Y'a Y'h'h'U'h'f'Y'ei]f'Ya Ybh'H'X'g'X'c'Y'g'bc'h
Udd'm'hc'U'hUg_'h'U'h]g'UggYggYX'Vi hbc'a Uf_'jg'Uk Uf'XYX"

K'cf_'gi Va]h'Y'X'h'k'Y'bh'm'cb'Y'f'f'X'Umg'UZ'Y'f'h'Y'Xi Y'X'UH'k]'b'ch'VY'U'W'W'd'h'X'Z'c'f'a Uf_]b['cf'Z'Y'X'V'U'W_
Ub'X'k]'f'Y'W'j'Y'bc'a Uf_'cf[f'U'X'Y'" z'nci 'UggYgga Ybh'Ug_'jg'U'W'ca di 'gc'f'm'W'ca d'cb'Y'bh'c'Z'h'Y'W'ci fg'Y'U
gh'XY'bh'k]'Ui 'hca Uh]W'U'm'Z]j'h'Y'W'ci fg'Y"

GdY'W]U'7cbg]XYfU'h]cb'5dd'j]W]h]cbg

M'ci 'W'b'Udd'm'Zcf'gd'Y'W]U'W'cbg]XY'f'U'h]cb'k \Y'b'j'b'Y'gg'c'f'c'h'Y'f'W]f'W a gh'Ub'W'g'j'bh'f'Z'Y'f'k]h'nci f
UggYgga Ybh'd'Y'f'Z'ca Ub'W'"

G]W'b'Y'gg'z'a]g'U'X'j'Y'bh'f'Y'c'f'c'h'Y'f'W]f'W a gh'Ub'W'g'V'Y'nc'b'X'nci f'W'c'b'f'c''a Um

f'D'f'Y'j'Y'bh'nci 'Z'ca 'W'ca d'Y'h]b['U'W'ci fg'Y'f'Y'ei]f'Ya Y'bh'z'

f'?Y'Y'd'nci 'Z'ca 'U'h'Y'b'X]b['Ub'UggYggUV'Y'U'W]j]m'z'

f'G'h'd'nci 'gi Va]h]b['UggYggUV'Y'k'cf_'Z'cf'U'W'ci fg'Y'z'

f`G][b]Z]W]b]h]m]U]Z]Y]W]h]m]i] f]d]Y]f]Z]c]f]a] U]b]W]W]]b]U]g]g]Y]g]g]U]V]`]Y]`]k] c]f]_]Z]V]Y]`]h]U]`]Z]c]f]a] U]`]Y]b]X]!]c]Z]g]Y]a] Y]g]h]Y]f]`]Y]I] U]a]]b]U]h]c]b]Z]U] W]U]g]g]`]h]Y]g]h]Z]U]`]U]V]c]f]U]h]c]f]m]h]Y]g]h]Z]U]`]g]Y]a]]b]U]f]d]f]Y]g]Y]b]h]U]h]c]b]`]c]f]U]b]m]i]c]h]Y]f]`]Z]c]f]a] `]c]Z]U]g]g]Y]g]g]a] Y]b]h]`

: c]f]`]Z] f]h]Y]f]`]X]Y]h]U]`]g]`]b]`]f]Y]`]U]h]c]b]`]h]c]`]G]d]Y]W]U]`]7]c]b]g]X]Y]f]U]h]c]b]`]b]W]i] X]b]b] [``]K] \]Y]b]`]h]c]`]5]d]d]`]m]Z]``<]c]k]`]h]c]`]5]d]d]`]m]`]U]b]X] ``]G]i] d]d]c]f]h]b] []8]c]W] a] Y]b]h]U]h]c]b]``]d]`]Y]U]g]Y]`]f]Y]Z]f]`]h]c]`]h]Y]`]G]d]Y]W]U]`]7]c]b]g]X]Y]f]U]h]c]b]`]k] Y]V]g]h]Y].
\\h]t]d]g.]#]g]h] X]Y]b]h]i] b]g]k] "Y]X]i] "U]i] #]g]d]Y]W]U]`]!]W]c]b]g]X]Y]f]U]h]c]b]

Gi Va]gg]cb'cZ5ggYgga YbhHUg_g

Gh XYbhg'UFY'YI dYW'X'hc'di h'AY'f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[Y'cZ'AY]f'Ugg][ba Ybhg"

Hi fb]hb'Gi Va]gg]cb

z'mci 'YbWci bHY'U'dfcV'Ya 'k \Yb'UHYa dh]b['hc'gi Va]h'mci f'Ugg][ba Ybh'fci [\ 'Hi fb]hb'z'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcf'hc'b'-' ,) ' ' ' %cf'Ya U]'h'Ya 'cb'[YI HYfbU'HY'f'gi ddcf'4 i bgk "YXi "Ui."](#)Gi ddcf'h
\ci fg'UFY' , \$\$Ua '-%\$. \$da 'cb'k YY_XUmg'UbX'-' . \$Ua '-) . \$da 'cb'k YY_YbXg'f'l *) 'XUmg'U'm'YUf'z' z'mci
UFY'i bUV'Y'hc'gi Va]h'mci f'Ugg][ba Ybh'Xi Y'hc'U'ZU'i 'hk]h'Hi fb]hb'mci 'a UmiUdd'm'Zcf'Ub'YI HYbg]cb'z'Vi h'mci
a i gh'f'Y'U]b'mci f'h]W'Y'hbi a VYf'Z'ca '9I HYfbU'Gi ddcf'h'f'U'cb['k]h'Ub'mc'h'Y'f'f'Y'Yj Ubh'Xc'W a Ybh'g'k'hc
]b'Wi XY'Ug'Yj]XYb'W'hc'gi ddcf'h'mci f'YI HYbg]cb'Udd'j'W'h]cb" z'mci 'Ya U]'9I HYfbU'Gi ddcf'h'mci 'k]'
Ui 'hca U'h]W'U'm'f'Y'W'j'Y'U'h]W'Y'hbi a VYf'z'Vi h]Z'mci 'HY'Yd\cbY'mci 'k]'b'Y'X'hc'gd'Y'W'Z'W'U'm'Ug'_Zcf'cbY"
Hi fb]hb'U'gc'd'f'c]]XYg'i dXU'Y'g'cb'h'Y]f'g'm'gh'Ya 'gh'U'h'g'cb'Hk]h'Y'f"

; YbYfU'm]b'G5A 'h'Y'f'k]'bc'cb[Yf'VY'Ubm\UfX'!W'cdm'gi Va]gg]cb/UggYgga Ybhg'a i gh'VY'gi Va]h'Y'X
Y'Y'W'f'cb]W'U'm]j]U'Y'h'Y'f'Hi fb]hb'cf'U'A cc'X'Y'Ugg][ba Ybh'f'f']b'gh'Ub'W'g'k \Y'f'Y'h'g'g'g'bc'h'd'c'g'g]V'Y'j'h'k]'VY
gh'U'Y'X'cb'mci f'W'ci fgY'g'a cc'X'Y'g]h'k]h'U'Y'f'U'h]j'Y'gi Va]gg]cb'XY'U]g"

@UH'5ggYgga YbhDYbU'h]Yg

5b'UggYggYX'hUg_'jg'XYYa YX'UH'Z]h]g'gi Va]h'Y'X'UZ'Y'f'h'Y'gd'Y'W'Z'Y'X'h'a Y'UbX'XUH'Ug'g'Y'hci h]b'h'Y
W'ci fgY '@Y'U'fb]b['A UbU[Ya Ybh'G'm'gh'Ya 'f'@A G'L"

H'Y'UH'd'Y'b'U'm]g'h'Y'c'g'g'cZ) i 'cZ'h'Y'hc'h'U'd'c'g'g]V'Y'a Uf_g'Zcf'h'Y'hUg'_Zcf'Y'U'W'X'U'm'c'f'd'U'f'h'Y'f'Y'c'Z'h'Y
k'cf_'jg'UH'Y'@UH'b'Y'gg'k]'j'W'Wi XY'k YY_YbXg'UbX'di V]W'X'c]X'Umg" H'X'g'Xc'Y'g'bc'h'Udd'm'hc'U'hUg_'h'U'h]g
UggYggYX'Vi hbc'a Uf_'jg'Uk Uf'XYX"

K'cf_'gi Va]h'Y'X'Z'ci f'h'Y'b'f'f'X'Umg'UZ'Y'f'h'Y'Xi Y'XUH'k]'VY'a Uf_YX'UbX'Z'Y'X'V'U'W'd'f'c]]XYX'Vi hbc'a Uf_
k]'VY'f'Y'W'f'X'Y'X" z'h'Y'k'cf_'k'ci 'X'\Uj'Y'f'Y'W'j'Y'X'U'd'Ugg'a Uf_'Vi h'Z'f'h'Y'UH'b'Y'gg'UbX'h'Y'k'cf_'jg'U
W'ca di 'g'c'f'm'W'ci fgY'W'ca d'cb'Y'bh'z'U'gh'XYbhk]'VY'XYYa YX'hc'\Uj'Y'a Y'h'h'U'h'f'Y'ei]f'Ya Ybh'H'X'g'Xc'Y'g'bc'h
Udd'm'hc'U'hUg_'h'U'h]g'UggYggYX'Vi hbc'a Uf_'jg'Uk Uf'XYX"

K'cf_'gi Va]h'Y'X'h'k'Y'bh'm'cb'Y'f'f'X'Umg'UZ'Y'f'h'Y'Xi Y'XUH'k]'b'ch'VY'U'W'W'd'h'X'Z'c'f'a Uf_]b['cf'Z'Y'X'V'U'W'
UbX'k]'f'Y'W'j'Y'bc'a Uf_'cf[f'U'X'Y'" z'h'Y'UggYgga Ybh'hUg_'jg'U'W'ca di 'g'c'f'm'W'ca d'cb'Y'bh'c'Z'h'Y'W'ci fgY'U
gh'XYbhk]'Ui 'hca U'h]W'U'm'Z]j'h'Y'W'ci fgY"

GdY'W'U'7cbg]XYfU'h]cb'5dd'j'W'h]cbg

M'ci 'W'b'Udd'm'Zcf'gd'Y'W'U'W'cbg]XYfU'h]cb'k \Yb'j'b'Y'gg'c'f'c'h'Y'f'W'f'W a gh'Ub'W'g'j'bh'f'Z'Y'f'k]h'mci f
UggYgga Ybh'd'Y'f'Z'ca Ub'W"

G]W_b'Y'gg'z'a]g'U'X'j'Y'bh'f'Y'c'f'c'h'Y'f'W'f'W a gh'Ub'W'g'V'Y'nc'b'X'mci f'W'c'b'f'c'a Um

f'D'f'Y'j'Y'bh'mci 'Z'ca 'W'ca d'Y'h]b['U'W'ci fgY'f'Y'ei]f'Ya Y'bh'z

f'?Y'Y'd'mci 'Z'ca 'U'h'Y'b'X]b['Ub'UggYggUV'Y'U'W'j]]m'z

f'G'h'd'mci 'gi Va]h]b['UggYggUV'Y'k'cf_'Z'cf'U'W'ci fgY'z

f`G][b]Z]W]b]h]m]U]Z]Y]W]h]m]i] f]d]Y]f]Z]c]f]a] U]b]W]W]]b]U]g]g]Y]g]g]U]V]`]Y]`]k] c]f]_]Z]V]Y]`]h]U]`]Z]c]f]a] U]`]Y]b]X]!]c]Z]g]Y]a] Y]g]h]Y]f]`]Y]I] U]a]]b]U]h]c]b]Z]U] W]U]g]g]`]h]Y]g]h]Z]U]`]U]V]c]f]U]h]c]f]m]h]Y]g]h]Z]U]`]g]Y]a]]b]U]f]d]f]Y]g]Y]b]h]U]h]c]b]`]c]f]U]b]m]c]h]Y]f]Z]c]f]a] `]c]Z]U]g]g]Y]g]g]a] Y]b]h]

: c]f]Z] f]h]Y]f]X]Y]h]U]`]g]`]b]`]f]Y]`]U]h]c]b]`]h]c]`]G]d]Y]W]U]`]7]c]b]g]X]Y]f]U]h]c]b]`]b]W]i] X]b]b[]`]K] \]Y]b]`]h]c]`]5]d]d]`]m]Z]`]<]c]k]`]h]c]`]5]d]d]`]m]`]U]b]X] `]G]i] d]d]c]f]h]b]b[]`]8]c]W]a] Y]b]h]U]h]c]b]`]d]`]Y]U]g]Y]`]f]Y]Z]f]`]h]c]`]h]Y]`]G]d]Y]W]U]`]7]c]b]g]X]Y]f]U]h]c]b]`]k] Y]V]g]h]Y].
\]h]t]d]g.]#]g]h] X]Y]b]h]i] b]g]k] "Y]X]i] "U]i] #]g]d]Y]W]U]`]!]W]c]b]g]X]Y]f]U]h]c]b]

5 WUXYa]W<c bYghmUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm
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I BGK ` [fci dg`d`U[]Uf]ga `]bhc`hY`Zc`ck]b[`WUHY` [cf]Yg.

7cdm]b[.`i g]b[`hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg`hc`hY`cf][]bU`hYI hcf`]XYU`k]h`ci hUW_bck`YX[]b[`hY`
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dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]b[`hc`UWV]XYbhU`mW`cdm]b[`Zca `U`gci fW`k]h`ci hWVYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[.`WU]b[]b[`U`ZYk`k cfXg`UbX`d`fUgYg`k \]Y`a cghmfYU]b]b[`hY`cf][]bU`
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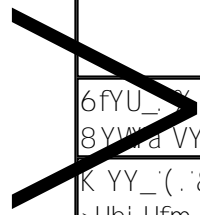
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8Uj]X`A U`ci Z`DW_ W_ TWd[Y 4STk`a`

?]a`A U\ccXz5dSX`XdS 6dk >S] W

B[U [USf: S`Y[Y DaU]

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F YWca a YbXYX`F Ygci fWg

6UW_[fci bX`h`l hg`]b`7 ci fgY`F YUXYf"

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

: YXXVUW`k]`VY`[U`h`YfYX`h`fci [\ `A m9l dYf]YbW`UbX`gi [[Ygh]cbg`UbX`fY]bYa Ybhg`k]`VY`Udd`]YX`hc`h`Y`Wc`i fgY"

⇒a U[Y`7 fYX]h

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