

=ba][fUM]i b
9gi X]Uf



9gi X]Uf !:i b]j Yfg]XUX

8UbÅg

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=bX]WUf`ei Y`ei]YfYg'a Uf]W`UfhY

=b[`Åg

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=k Ubhlc`Udd`mZcf`SSSSSSSSSSSSSS`Vti fgy"

VUMYcf

H]dc`XY`a UfÉW`U

Ub`i bXYf[fUXi UHY

_UbX]XUghi XYfYbXY

H]dc`XY`a UfÉW`U

Udcg][fUXi UHY

d\`X"!`gi XYfYbXY

H]dc`XY`a UfÉW`U

UD\8

Z `Xh]Xg

H]dc`XY`a UfÉW`U

UZ `!h]a Y

XYh]Xg

H]dc`XY`a UfÉW`U

UdUfh]h]a Y

cb`]bY

H]dc`XY`a UfÉW`U

Ub`cb`]bY

>Y[' j] ' [YfbY'`gi XYfY`dÁ`XYhV`i b]j Yfg]hYh]
SSSSSSSSSSSS"

=bX]WUf``U`Xi fUM]i b`XY`hi `dYf]cXc`XY`]bhYfWla V]c

=k ci `X`]_Yhc`gi XmiUhini f`i b]j Yfg]hmiZcf`SSSSSSSSSSSS"

YhgYa YghYf

8 i fUM]i b`XY``U`YghubV]U`Yb``U`i b]j Yfg]XUX`XY`XYgh]bc

UgYa YghYf

Yhgi X]YÁf

8 i fUM]i b`XY``U`YghubV]U`Yb``U`i b]j Yfg]XUX`XY`XYgh]bc

Ub`UMXYa]VYUf

< j UX`Yf`UFVY`XgYg]f`_h]cbYfbY`Zcf`gi XYfYbXY3

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K \UhiUFYh`Yk cf`_`fYg]f]W]cbgZcf`gi XYb]g3

=ba][fUM]i b
9gi X]Uf



G_U`Y[j]gY`_cd]Yf`UZ`XY`cf][]bU`Y`Xc`_i a YbhYf`
Y`Yf`gY`j Y`XY`cf][]bU`Y`Xc`_i a YbhYf3
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8c`=\Uj Y`hc`g`l`c`k` W`d]Yg`c`Z`h`Y`cf][]bU`Xc`W`a Ybhgc`f`
h`Y`cf][]bU`Xc`W`a Ybhgh`h`Ya gY`j Yg3

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5fY`nai`]c]b[`h`c`g`b`X`a Y`U`Z`cfa U`c`Z`Yf3

; UfUbhYfY`i` b]j Yfg]hYh]bX`_j UfYf]b[3
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9f`XYf`ca`_cg]b]b[Yf`j`YX`U`h`g`h`XYf`g`ca`
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DFY[i bhUf`g]`h]YbYgei Y`dU[Uf`U`a` Uf`E`W`U`Y`b`U`i` b]j Yfg]XUX`XY`XY`g]b`c

=g`h`Y`f`Y`U`W]g`h`c`g`h`i` X`m]U`g]U`b`Y`i` W`U`b[Y`g`h` X`Y`b`h`U`h`n`e`i` f`
i` b]j Yfg]h3

<j cfXU`b`_`Ub`Y[`Z`O`[Y`a`]b`U`b`g`Q`[b]b[g`Z`f`Ya` [U`b[3
=bZ`cfa UfY`XY`W`a`c`V`b`g]`h`Uf`Y`Y`g`h`X`c`X`Y`h`i` `gc`]V]h`X

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K \Uh]g]h`Y`SSSSSSSSSSSS`g`n`g]h`Ya` `_]`Y3

gi`X]Y`d`c]b`h`
H]d`c`X`Y`g]g]h`Ya` U

V]Y]X]h

VYX`O`a` a` Y`gY`
H]d`c`X`Y`g]g]h`Ya` U

a`Uf`_]b[

:`A`f`Y[`Y`b`U`_`UX`Ya`]g`_i` X`g`_f]Z`h`g]X`g`h]`a`]h`
i`Xj`Y`_g]b]g`d`c`X3
DFY[i bhUf`g]`fYV]V]f]g]i` bU`V`d]U`X`Y`h`i` `Y`i` dYX]Y`b`h`U`W]X`A`a`]V`U` `Z]bU`X`Y`U`Y`g]U`b]V]U

8c`=[`Y`h`U`b`U`W]X`Ya`]V]f`U`b`g]V]d]h`U`h`Y`Y`b`X`c`Z`a` m`
Y`i` W`U`b[Y3

=ba][fUM]i b
9gi X]Uf

< j cfXUb`Yfi bXYfj]gb]b[gZcfa Yb3
DYX]f`]bZcfa UM]i b`gcVfY`Y`Ygj`c`XY`YbgYf UbnU

K \Uh]g]h`YhUW]b[`gmY``]_Y3

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DYX]f`]bZcfa UM]i b`gcVfY`Y`Ygj`c`XY`YbgYf UbnU

5fYh`Yf`SSSSSSSSSSSS`3

ZcfY`A`gb]b[Yf
H]dc`XY`WUgY

`Vti`fYg

gYa]bUfYf
H]dc`XY`WUgY

gYa]bUfg

i bXYfj]gb]b[
H]dc`XY`WUgY

hi`hcf]Ug

_cbZYfYbWf
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VtbZYfYbWg

< j]_Y`ZU[`h`VmXYgd`A`gca a Yfg_c`Y3
DFY[i b]Uf`dcf``U`cZYf]U`XY`Wf`gcg`XY``U`YgWY`U`XY`j`YfUbc

K \Uh`Vti`fg]gUfY`cZZfYX`Vmg`a`a`Yf`g`Wcc`g3

< j cfb`Af`U`Z`c`XYg`Y`g]a]bYfbY3
DFY[i b]Uf`dcf`Y`dYf]cXc`XY`Yi`1/2`YbYg

K \Yb`UfY`h`Y`Yi`Ua`g`Y`X3

< j cf`_Ub`Y[`Z]bXY`]bZcfa U]cb`ca`ZU[YbY3
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K \YfY`Wb`=Z]bX`]bZcfa U]cb`Uci`hi`h`Y`Vti`fg]g`Uj`U]`U`Y3

9f`XYf`Yb`gdcf]U`d`A`i`b]j`Yfg]h`Y`h`3
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< j UX`Yf`XYb`Ubg`AYXY``Y`Yca`_cg]b]b[`]`O]m3
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K \UhUfY`h`Y`Ygh]a`UhX``]j`b[`W`g]b`O]m3

9gi X]Uf !`7i fgcgXY`]X]ca Ug
8UbÅg

=b[`Åg

=ba][fUM]i b
9gi X]Uf



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=bZcfa UfY'XY'cg]X]ca Ugei Y'gY'di YXYb'Yghi X]Uf'Yb'Y`Wbhf

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bj] YU 3
DFY[i b]Uf'g]`Yi]ghYb'dfi VUg'XY'b]j Y'

? Ub'Y['g_]Zr'h`YhUbXYhb]j YU '\j]g'XYb'Y[7 Ub'='fUbgZf'hc'UbchYf`Yj Y]ZhY'cbY'='Ua `UthYX]b[
XY'U[Yf']`_Y'dUggYf'h`a][3]gbchf'][\hZcf'a Y3
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df''ZU] 3
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5 ffUb[YfYf'='c[gA'Y_g_i fg]cbYf3 8c'nci `Ugc'UffUb[Y'Yi Wfg]cbg3
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9gi X]Uf!'6WUg

8UbÅg =b[`Åg
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g]dYbX]Yf
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>Y[`Uf'Vfi [`Zcf Ö_cba]g_`Å`d'h` =bYX'Z]bUbV]U`Yd'Zcf 'SSSSSSSSSSSS"
SSSSSSSSSSSS"
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hi]h]cb`ZYg

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a m`]j]b[`Yi dYbgYg

VÔfbYdUg]b[
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W]`XW]Y

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DYX]f`]bZcfa U]Y] b`gcVfY`V]W]g

K \Uhi_]bXgjcZgWc`Ufg\]dgUfYUj U]`UW`Y3

9gi X]Uf! `7cbj U]XUM]i b`XY`h`i` `cg`Yi hfUb`Yf`cg
8Ub`Åg
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K \YfY]W]b`=[Yh]U`W]f]h]Z]W]Y`cZ]Yei]j UYb]V]3