

EDST5107

HYUWX]b['A Yh\cXg'Zcf'< [[\ 'ϑW]XYbW'8]gUV`]h]Yg

GYa YghYf'CbY''##'&\$%

7ci fgY'8YHJ]`g

7fYX]hDc]bhtg`*`

Gi a a UfmicZh\Y'7ci fgY

H\Y`ZcW`g`cZh]g`Wci`fgY`]g`cb`ghi`XYbhtg`k`]h`\"[`\!]bW]XYbW`X]gUV`]h]Yg" `#`h`]g`Wci`fgY`z`ghi`XYbhtg`k`]`VY`dfYgYbh`X`k`]h`Wc`[`b]h]`Y`z`dYfW`d`h`U`z`Ub`[`i`U`[`Y`z`UW`X`Y`a`]W`Y`U`fb`]b`[`z`Ub`X`gc`W`U`!`Ya`c`h`cb`U`W`U`f`U`W`Y`f`]g`h]W`g`c`Z`h`Y`g`Y`d`c`d`i`U`h]c`b`g`" `#`g`i`Y`g`]b`U`g`g`Y`g`g`a`Y`b`h`z`W`f`f`]W`i`a`U`b`X`]b`g`h`i`W`]c`b`z`U`b`X`d`U`W`a`Y`b`h`k`]`U`g`c`V`Y`X`]g`W`g`g`Y`X`" `H`\"]g`Wci`fgY`k`]`d`f`c`j`]X`Y`g`h`XYbhtg`k`]h`]b`g`h`i`W`]c`b`c`b`U`d`d`n`]b`[`h`Y`[`c`U`g`z`]b`h`f`j`Y`b`h]c`b`g`f`U`h`[`]Y`g`z`U`b`X`d`f`c`W`X`i`f`Y`g`f`Y`U`h`X`h`c`d`g`m`V`X`c`X`n`b`U`a`]V`Z`V`Y`U`j`]c`i`f`U`z`V`]c`d`n`g`]W`z`U`b`X`Y`W`c`c`[`]W`U`d`d`f`c`U`W`X`Y`g`h`c`]b`X`]j`]X`i`U`g`k`]h`X`]g`U`V`]h]Yg"

5h\Y`W`c`b`W`i`g]c`b`c`Z`h`]g`W`c`i`fgY`h`Y`g`h`i`XYb`h`k`]`V`Y`U`V`Y`h`c`

% " 8Ya`cb`g`h`f`U`h`Y`W`]h]W`U`U`d`d`f`Y`W`]U`h]c`b`U`b`X`d`U`f`h]W`]d`U`h`Y`]b`X`]g`W`g`g]c`b`c`Z`g`Y`a`]b`U`]g`g`i`Y`g`]b`Y`X`i`W`h]c`b`c`Z`f`g`h`XYb`h`k`]h`]g`d`Y`W`]U`b`Y`Y`X`g`
&" 8Yj`Y`c`d`i`b`X`Y`f`g`h`U`b`X`]b`[`c`Z`U`k`g`z`d`c`]W`Y`g`z`U`b`X`Y`h`]W`U`d`f`]b`W`]d`Y`g`f`Y`[`U`f`X`]b`[`Y`X`i`W`h]c`b`c`Z`g`h`XYb`h`k`]h`]g`d`Y`W`]U`b`Y`Y`X`g`
' " 8Ya`cb`g`h`f`U`h`Y`U`b`i`b`X`Y`f`g`h`U`b`X`]b`[`c`Z`f`Y`g`Y`U`f`W`!`V`U`g`Y`X`g`h`f`U`h`Y`[`]Y`g`Z`c`f`]b`X`]j`]X`i`U`W`f`f`]W`i`a`!`V`U`g`Y`X`U`g`g`Y`g`g`a`Y`b`h`z`d`U`b`b`]b`[`z`U`b`X`]b`g`h`i`W`]c`b`
(" 7cb`X`i`W`h]b`X`Y`d`Y`b`X`Y`b`h`f`Y`g`Y`U`f`W`]b`h`c`U`W`f`f`Y`b`h`h`c`d`]W`]g`g`i`Y`f`Y`j`U`b`h`h`c`Y`U`f`b`Y`f`g`k`]h`Y`U`f`b`]b`[`

H\YgY'UWj] jhYg'k]''cVW f']b'U'W]a UH' h.Uh]g'gi ddcfhj Y'UbX']bW' g]j Y'cZU''''YUfbYfg"

5i ghfU`]Ub`DfcZYgg]cbU`'; fUXi UhY`HYUW]b[`GHUbXUFXg

8YgW]dcbXgYw]dcbXgW]dhcb

%) "(@YUX`Vc`YU[i Yg`hc`Yj`U`i`UhY`hY`YZY`Wj`YbYgg`cZ`YUfb]b[`UbX`hYUW]b[`dfc[fUa g X]ZY`d`f`h`e`k`e`n`i`a`g`e`d`z`v`u`f`h`i`533.30e8600060Eg`#0E66.00/E2008G`Tf`G`B`T`e`0`R`G`p`0000
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5ggYgga YbhHUg_	K Y][\h	Gh XYbh@YUfb]b[Ci hWta Yg 5ggYggYX	5 #HG@DfcZYgg]cbU'; fUXi UHY HYUW]b['GHUbXUfXg'5ggYggYX	8i Y 8UHY

DUfh%` ðbghfi WñcbU` ãggi Yg. `7\ccgY`rk c`f&L`cZH\Y`X]gUV]`]ñYg`X]gW`ggYX`Xi`f]b[`h\Y`V`i`fgY`f58<8ž`
Ya`ch]cbU`X]gh`fVUbWž`bñY`YWi`U`X]gUV]`]mž`gdYW]Z]WYUfb]b[`X]gUV]`]ñYgE":`cf`Vch`cZH\Y`X]gUV]`]m`
WñY[`cf]Yg`mci` \Uj`Y`W`cgYb.`XYgW]VY`cf`]XYbh]ZmcbY`]a`dcfñUbh]bghfi`WñcbU`]ggi`Y`h`Uha`UmVY`bYVW`ggUfm`
h`UXXfYgg`]b`cfXYf`Zcf`mci`h`gi`WV`ggZ`mñY`UVX`U`ghi`XYbhk`]h`h`UhiX]gUV]`]m]b`h`Y`[`YbYfU`YXi`Wñcb`
gYñ]b["`H\Y`]a`dcfñUbh]bghfi`WñcbU`]ggi`Yg`g`l`ci`X`bchVY`]XYbh]W`Zcf`h`Y`rk`c`X]gUV]`]ñYg`h`Uhi`mci` \Uj`Y`
W`cgYb"

DUfh&.` ðbghfi WñcbU` ãggi Yg`8]gW`gg]cb.`: `cf`YUW`]bghfi`WñcbU`]a`d`]Wñcb`mci`X]gW`gg`]b`DUfh%UVcj`Yž`
]ghcf`X]gW`gg`DchYbh]U`F`Ygci`fW`g`fñ`UW`gž`YI`dYf]YbW`gž`V`i`fgYk`cf`ž`dYfgcbgž`YhW`E`h`Uha`][`h`iVY`
i`ñ]gYX`h`c`Vh]b`h`Y`]bZ`fa`Uñcb`cf`gi`ddcfñbYYXYX`h`XYU`k`]h`h`cgY`]bghfi`WñcbU`]ggi`Ygž`UbX`DchYbh]U`
GhUñ[`]Yg`f]bghfi`Wñcbž`a`cX]Z]Wñcbgž`UXUdñUñ]cbgž`YhW`E`h`Uhi`mci`a`][`h`iYa`d`cmih`UXXfYgg`h`Y`W`U`Yb[`Yg`
dfYgYbhYX`Vmi`h`Uñ]bghfi`WñcbU`]ggi`Y"

DUfh` .`5ggYgga`Ybh`8]gW`gg`gca`Y`UW`a`a`cXUñcbg`UbX`a`cX]Z]Wñcbg`h`Uhi`Wñb`VY`a`UXY`k` \Yb`
UggYgg]b[`h`Y`Y`Ufb]b[`cZ`gh`XYbh`k`]h`h`YgY`dUñW`Uf`X]gUV]`]ñYg"

H\Y`YggUmgl`ci`X`VY`k`f]ñY`b`]b`5D5`*`h`YX]ñcb`gmiYž`VY`Uddfc]`]a`Uñ`m&žž`k`cfXg`]b`Yb[`h`ž`UbX`
V`b`h]b`Uñ`Y`Ugh%\$`W`ffYbh`rk`]h`]b`h`Y`Ugh%\$`m`Y`Ufgž`VY`rk`YYb`&\$-\$`UbX`&\$%`E`dY`f`fYj`]Yk`YX`ci`fbU`
Uñ]WYg"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gh XYbng`UfY`YI dYW`X`hc`di h`h`Y]f`bUa Yg`UbX`gh XYbhbi a VYfg`cb`Yj YfmdU[Y`cZ`h`Y]f`Ugg][ba Ybhg"

Hi fb]h]b`Gi Va]gg]cb

≠mci`YbWci bhYf`U`dfcV`Ya`k`Yb`U`h`Ya`dh]b[`hc`gi Va]hmcif`Ugg][ba Ybh`h`fci [`h`Hi`fb]h]b`z`d`YUgY
h`Y`d`cb`Y`9I`h`fb`U`Gi`ddcfh`cb`-`,`)`''`'`%cf`Ya`U]`h`Ya`cb`[YI`h`fb`U`h`h`gi`ddcfh`i`bgk`"YXi`"Ui`"Gi`ddcfh](#)

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] 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] [``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\]c\]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" #WUb`hU_Y'a Ubm Zcfa gž Zca`XY`VYfUHy`WXYU]b['hc`UWVXYbU`mWčdm]b[Zca`U`gci fW`k]hci hUW_bck`YX[Ya`Ybh'

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`hY`hcf`]XYU`k`]hci`hUW_bck`YX[]b['hY`gci`fW`cf`i`g]b[`ei`chU]cb`a`Uf`g`"H`g`U`gc`Udd`]Yg`hc`]a`U[Ygž`Ufh`UbX`XYg][`b`dfc`YWgž`Ug`k`Y`"Ug`dfYgYbU]h]cbg`k`YfY`gca`YcbY`dfYgYbhg`Ubc`h`Y`f`g`]XYUg`cf`k`cfXg`k`]hci`hWYX]h'

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7c`i`g]cb.`k`cf_]b[`k`]h`c`h`Y`fg`Vi`hdUgg]b[`c`Z`h`Y`k`cf`_`Ug`U`d`Y`fgcb`g`]bX]j`]Xi`U`k`cf`_"7c`i`g]cb`U`gc`]bWi`XYg`dfcj`]X]b[`mci`f`k`cf`_`hc`Ubc`h`Y`f`gh`XYbh`VY`Zc`fY`hY`Xi`Y`XU`h`ž`cf`Zc`f`hY`di`fdcgY`c`Z`h`Ya`d`U[]Uf]g]b[`Uh`Ubmi`h`a`Y`ž`dUm]b[`Ubc`h`Y`f`d`Y`fgcb`hc`d`Y`f`Zc`fa`Ub`U`W`X`Ya`]W`h`Ug`ž`gh`U`]b[`cf`U`W`ei`]f]b[`Ubc`h`Y`f`d`Y`fgcb`g`U`W`X`Ya`]W`k`cf`_`UbX`W`č`dm]b[`]ž`c`Z`Y`f]b[`hc`W`č`a`d`Y`h`Ubc`h`Y`f`d`Y`fgcb`g`k`cf`_`cf`g`Y`Y_]b[dUma`Ybh`Zc`f`W`č`a`d`Y`h]b[`U`W`X`Ya`]W`k`cf`_"

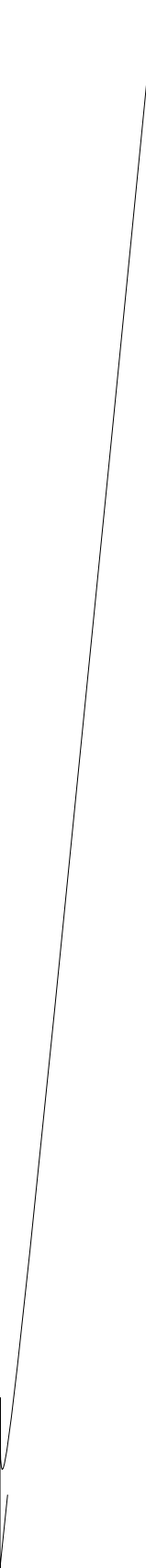
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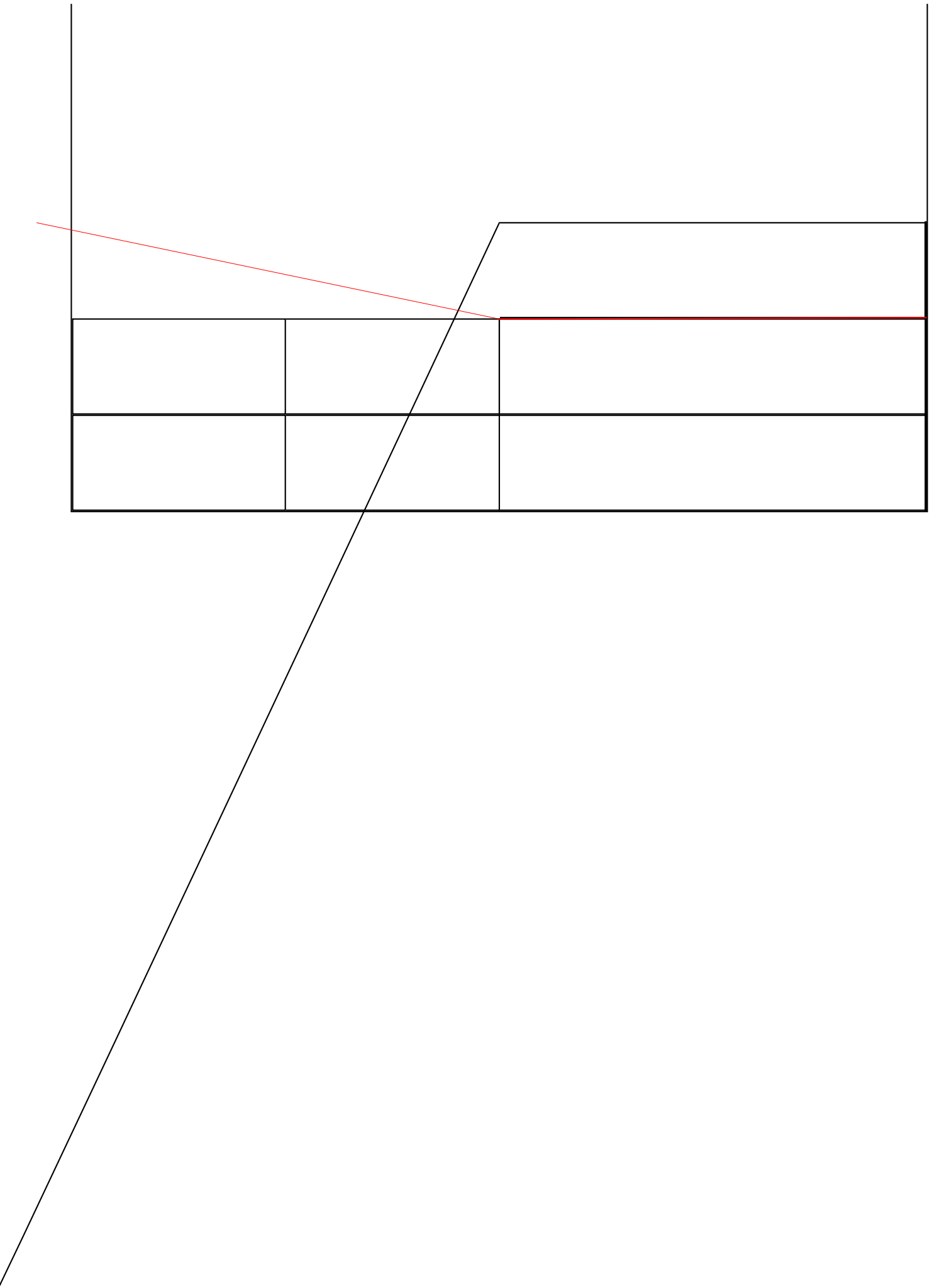
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7c`f`f`Y`W`h`f`Y`Z`Y`f`b`V]b[`d`f`U`W`h]W`g.

- DUFUd`fUg]b[žgi`a`a`Uf]g]b[žYggUmk`f]h]b[`UbX`h]a`Y`a`UbU[Ya`Ybh`
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- VYhYf'a UbU[Y'mci f'hja Y
- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'W'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'l gY'cZ
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ





F Ygci fWg

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