



ARTS2690

GYa Ubh]Vg'UbX'DfU[a Uh]Vg

HYfa 'H\fYY'##'&\$%-

7ci fgY`Cj Yfj]Yk`

`GHUZZ7cbhUWhi8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]UV]]m	@cWU]hcb	D\cbY
8YVfU`5Ufcbg	X"UUfcbg4 i bgk "YXi "Ui	Hi YgXUm%" \$!' "" \$	A 6`&) \$	i gY`Ya U]`

GW\cc``7cbhUWhi`bZcfa Uh]cb

GW\cc``cZ<i a Ub]hYg`UbX`@Jb[i U[Yg

@cWU]hcb. `GW\cc``C Z]W]ZA cfj Yb`6fck b`6i]X]b[ž@Yj Y``&ž&),

C dYb]b[`<ci fg. A cbXUm! : f]XUmž`- Ua `!`) da

D\cbY. `Ž*%&`-' ,) `)*, %

: U! . `Ž*%&`-' ,) ; , +\$)

9a U]: [\U`4 i bgk "YXi "Ui](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bqg`*`

Gi a a UfmicZh\Y'7ci fgY

h\]g`Wci fgY`mci`k`j`YI d`cfY`h\Y`bUhi fY`UbX`gWc`dY`cZgYa Ubh]Wg`UbX`dfU[a Uh]Wg`UbX`h\Y]f`d`UW`k`]h`]b
@]b[i]gh]Wg`Hcd]Wg`]b`gYa Ubh]Wg`]bW`XY.`h\Y`bUhi fY`UbX`UbU`mg]g`cZ`YI]WU`a YUb]b[gZ`h\Y`fY`Uh]cbg\]d
VY`k`YYb`a YUb]b[`UbX`Wc[b]h]cbZ`h\Y`fY`Uh]cbg\]d`VY`k`YYb`gYa Ubh]Wg`UbX`[fUa a UfZ`UbX`gYa Ubh]W
W\Ub[Y`Hcd]Wg`]b`dfU[a Uh]Wg`]bW`XY.`gdYYW\`UW`h\Y`cfmZ`dc`]h`bYgg`h\Y`cfmZ`]a d`]WU`h`fY`UbX
dfYgi ddcg]h]cb`Mci`k`j`Y`Uj`Y`h\Y`cddcfh`b]h]m]c`Yb[U[Y`k`]h`UbX`UbU`mgY`[Ybi`]bY`]b[i]gh]WXUH`Mci
k`j`Udd`m`h\Y`gY`]XYUg`bchcb`m]c`9b[`]g\Z`Vi`h]c`c`h\Y`f`Ub[i U[Yg`mci` `_bck`"

7ci fgY`@YUfb]b[`Ci hWca Yg

%`8`]gh]b[i]g`Ua`cb[`h\Y`Wc`bW`dfg`cZgYb`h`bW`a YUb]b[ži`hY`fU`bW`a YUb]b[`UbX`gdYU`Yf`a YUb]b[
&`5dd`miUddfcdf]UH`XYgW]d]h]j`Y`UbX`UbU`m]h]WU`dfcW`Xi`fYg`h`c`h\Y`Z]Y`X`cZ]bei`]fmcZdfU[a Uh]Wg`UbX
]h]g`fY`Y`j`Ub`h`Wc`bW`d]i`U`Uggi`a`d]h]cbg
'`5dd`miUddfcdf]UH`XYgW]d]h]j`Y`UbX`UbU`m]h]WU`dfcW`Xi`fYg`h`c`h\Y`Z]Y`X`cZ`YI]WU`Z`d`fUgU`UbX
gYb`h`b]h]U`gYa`Ubh]Wg
(`5bU`mgY`]b[i]gh]WXUH`UbX`Uf[i Y`h\Y`a`Yf]h]g`cZ`h\Y`UbU`mg]g"

HYUW\]b[`GhfUH[]Yg`

H\]g`Wci fgY`]g`Ub`]b]h[fU`Wca`dcbYbhcZh\Y`i`bXYf[fUXi`UH`]b[i]gh]Wg`W`ff]W`i`a`" `h`c`f`Y`f`h`c`i`b`XY`f`g`h`U`b`X`
h\Y`Wc[b]h]j`Y`UbX`gc`W]U`X]a`Ybg]cbg`cZ`Ub[i U[Y`]h]g`YggYb]h]U`h`c`]b]j`Yg]h[UH`h\Y`cf[Ub]nUh]cb`cZ`h\Y`
gYa`Ubh]Wgmg]h`a`Z`UbX`h\Y`bUhi`fY`cZ`h\Y`df]bW]d`Yg`cZdfU[a Uh]Wg`"

9UW`k`YY`_`h\Y`fY`k`j`VY`U`h`c`!`ci`f`Y`W`h`fY`f`K`Y`g][`b`Y`X`h`c`Y`U`V`c`f`U`h`c`b`UbX`W`U`f`]z`m]b`Z`c`f`a`U`h]cb`]b`h\Y`V`cc`_`g`
fY`W`c`a`a`Y`b`X`Y`X`Z`d`i`g`U`c`b`Y`!`ci`f`h`h`c`f]U`"Hi`h`c`f]U`g`k`j`VY`a`U]b`m`X`Y`j`c`h`Y`X`h`c`X]g`W`gg]b[`UbX`YI`d`U]b]b[`h\Y`
Ubgk`Yfg`h`c`h\Y`YI`Y`f`W]g`Y`g`d`f`c`j`]X`Y`X`"

5ggYgga Ybh

5ggYgga YbhHUg_g'

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
DfYgYbhUH]cb'	&\$i		

A grid consisting of 5 rows and 3 columns. A thick black diagonal line runs from the bottom-left corner to the top-right corner. The grid is divided into 15 rectangular cells. The diagonal line passes through the bottom-left corner of the bottom-left cell, the top-right corner of the middle-right cell, and the top-right corner of the top-right cell.

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

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

Ẓmci `YbWci bhYf`U`dfcV`Ya `k \Yb`U`H`Ya dh]b[`hc`gi Va]hmc i f`Ugg][ba YbhHfci [\`Hi fb]h]bžd`YUgY
H`Yd\cbY`9I H`fbU`Gi ddcfhcb`-` ,) `` `` ` %cf`Ya U]`H`Ya `cb`YI H`fbU`H`hgi ddcfh4 i bgk "YXi "Ui ``Gi ddcfh
\ci fg`UfY` , .\$\$Ua `--`%\$. \$\$da `cb`k YY_XUmg`UbX`- . \$\$Ua `--`) . \$\$da `cb`k YY_YbXg`fI *) `XUmg`U`m`Y`UfL` Ẓmci
UfY`i bUV`Y`hc`gi Va]hmc i f`Ugg][ba YbhXi Y`hc`U`ZU`i`hik]H`Hi fb]h]b`mci `a UmiUdd`miZc`f`Ub`YI H`bg]cbžVi hmc i
a i ghfY`H]b`mci f`h]W`Yhbi a VYf`Zca `9I H`fbU`Gi ddcfhfU`cb[`k]H`Ubmch`Yf`fY`Yj UbhXcW a Yb`hgL`hc
]bWi XY`Ug`Yj]XYbW`hc`gi ddcfhmci f`YI H`bg]cb`Udd`]W]h]cb" Ẓmci `Ya U]`9I H`fbU`Gi ddcfhmci `k]`

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
Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[`hc`UWV]XYbhU`mW`dm]b[`Zca `U`gci fW`k]h`ci hUW_bck`YX[Ya Ybh`

I BGK `[fci dg`d`U[]Uf]ga `]bhc`hY`Zc`ck]b[`WUHY[cf]Yg.

7 cdm]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
gci fW`cf`i g]b[`ei chU]cb`a Uf_g" `H\]g`U`gc`Udd`]Yg`hc`]a U[YgZ`UfhUbX`XYg][b`dfc`YWgZ`Ug`k Y`Ug
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g]XYUg`cf`k cfXg`k]h`ci hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[.`7`Ub[]b[`U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmifYU]b]b[`hY`cf][]bU`
ghfi W`i fY`UbX`#`f`dfc[fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`Z`UbX`]bZcfa U]cb`k]h`ci hUW_bck`YX[Ya Ybh`H\]g`U`gc
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g]XYUg`cf`k cfXg`k]h`ci hWYX]hU`bX`hc
d]YW]b[`hc[YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yz`k]h`ci hUddfcdf]UHY`fYZYfYbW]b["

7 c`i g]cb.`k cf_]b[`k]h`chYfg`Vi hdUgg]b[`cZ`hY`k cf_]Ug`U`dYfgcb`g`]bX]j]Xi U`k cf_]7 c`i g]cb`U`gc
]bWi XYg`dfcj]X]b[`mci f`k cf_]hc`UbchYf`gh`XYbhVYZc`fY`hY`Xi Y`XUHY`Zc`f`Zc`hY`di fdcgY`cZ`hY`a

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5W'W'dhUV'Y'I gY'cZ I BGK '⇒H'F'Ygci f'W'g'Dc'W'h
- VY'Uk UfY'cZ'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dY'W'X'cZYj Yfmcby'j]b'h'Y'I BGK 'W'a a i b]m
- 'cW'W'h'gYfj]W'g'UbX'j]bZ'fa U]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZ'Y'gY'UfY'Ug'k]''VY'ZJa]]Uf'hc'mci ž'c'h'Y'fg'k]''VY'bYk "'; U]b]b['U'gc'X'i bXYfghUbx]b['cZU''h'Y fY'U'Y'X'UgdY'W'g'cZ9@-G9'k]''\Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\h'hd.##ji V'Y'W'i \]X'Y'g''j\]VfUfm'i bgk "YXi "Ui #' \]gY#\]Vci h' \]gY](#)

5 WUXYa]WbZcfa Uh]cb`

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`rc.

- fYei Ygh]Zc`fYI h`bg]cb/
- `Uh]`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZY`mdc`]WYg/

