

## @Y[YbXYbgd]Y`']b'Fc»kY]b.'9\YaU`][Y GhUfg'hfYhYb'UiZ°

: i » VU``ZYgh']b'Fc » k Y]b. '5a '&\$"'> b]'&\$&) 'gd]Y`h'XYf'FGJ
[Y[Yb'Y]bY'@Y[YbXYbUi gk U\``XYg'CghZi » VU``g"'H]\\\_Yhg'UV'+
9i fc"



Fc» k Y]bž'8 Yi hgW `Ub X '! '5a '%- "'¾ b]'&\$&) 'bY][ h'g]W 'X]Y
: i » VU``!GU]gcb 'ZØf'X]Y '? ]W\_Yf'XYf'FY[ ]cb 'XYa '9bXY'Ybh[ Y[ Yb"'5b X]YgYa ': fY]hU[ ž'XYa '&\$"'¾ b]ž'ghY\h'Y]b'[ Ubn'VYgcbXYfYg'Gd]Y``]a
FU\a Yb'XYg'Fc» k Y]bYf'GW\i `ZYghYg'Ub"'8Yf'; Ugh[ YVYf
Fc» k Y]bYf'GJ 'Ya dZÀb[ h'Y]bY'5i gk U\`'j cb'@Y[ YbXYb'XYg
CghZ » VU``g"'6Yb'Ua ]b'6fUa Vcfž'XYf'Gd]Y`Yf'XYg'FGJ ž'nY][ h'g]W\
VY[ Y]ghYfh'ØVYf'X]Y'HY]`bU\a Y'XYf'Y\Ya U`][ Yb'DfcZ]\_]W\_Yf"

Ni `XYb`dfca ]bYbhYb`; ÀghYb`[ Y\ÒfYb`i bhYf`UbXYfYa `GUgWX U

DZYZZYf`fBmbUa c`8fYgXYbž'@c\_'@Y]dn][ Łž'8 Uf]i gn`K cgn

fk U``YgWXYf`: 7ž'6cWXi a ž'' &( '6i bXYg`][ U!Gd]Y`YŁž'i bX`j ]Y`Y`a Y\f"

5i WX`XYf`Y\Ya U`][ Y`6i bXYg`][ U!GW]YXgf]WXhYf`6YfbX

< YmbYa Ubb`k ]fX`ZØf`X]Y`@Y]hi b[ `XYf`DUfh]Y`gcf[ Yb"

## H]W\_YhdfY]gYibXJcfVYfY]hib[Yb

8 UgʻGd]Y`VY[]bbhʻUa i: fY]hU[ii a i‰, .'\$il \fžx]Yi9]bhf]hhgdfY]gY
`]Y[YbʻVY]'%\$i9i fcʻZØfʻJc``nU\`Yfii bXi+i9i fcʻYfa À»][h"JcfʻXYa
[fc»Ybʻ9fY][b]gʻ[]VhʻYgʻY]bYbʻ5fVY]hgY]bgUhnʻ]a iGhUX]cbžʻVY]'XYa
F UgYbʻi bXil a k Y`hʻUi ZʻJcfXYfa Ubbʻ[YVfUW\hik YfXYbʻa ØggYb"
8]Ygʻgdf]W\hʻXUZØfžʻXUggʻX]YʻCf[Ub]gUhcfYbʻU``YgʻXUfUbʻgYhnYbž
Y]bʻhc``Yqʻ9f`YVb]gʻni igW\UZZYb"

## 9fZc`[fY]WXY'GU]gcb'i bX'Dc\_U`[Yk]bb

6YgcbXYfg'YfZfYi `]WX 'ZØf'XYb'Fc» k Y]bYf'GJ'k Uf'XYf'\_Øfn`]WXY
Dc\_U`g]Y[ ž'XYb'g]Y']a 'K U`XghUX]cb'j cb'NgWXU]hn'YffUb[ Yb"'A ]h
Y]bYa 'gdUbbYbXYb'9bXgd]Y`'[ Y[ Yb'6GJ'9]b\Y]h': fc\Vi f[
[ Yk Ubb'XYf'FGJ') . ( 'bUWX'9`Za YhYfgWX]Y» Yb'i bX'ZY]YfhY'gca ]h
XYb'5i Zgh]Y[']b'X]Y'@UbXYg\_`UggY"'Hfchn'gi Vcdh]a U`Yf
K YhhYfj Yf\À`hb]ggY'ZUbXYb'j ]Y`Y'Ni gWXUi Yf'XYb'K Y[']bg'GhUX]cbž
i a 'XUg': ]bU'Y'ni 'j YfZc`[ Ybž']b'XYa 'XYf'FGJ'ni bÀWXgh'Xi fWX
6Yb'Ua ]b'6fUa Vcf']b'XYf'\*' "'A ]bi hY']b': Ø\fi b['[]b["

8 Yf '6 GJ '9]b\Y]h': fc\Vi f[ 'gW\UZZhY 'Yg']b 'XYf 'GW\`i ggd\UgYž'Xi fW\Y]bYb '5 i g[ `Y]W\ghfYZZYf'j cb '7\f]ghcd\Yf'I ggUh'XUg'Gd]Y`']b 'X]Y
J Yf `Ab[ Yfi b[ 'ni 'nk ]b[ Yb"'; Y[ Yb '9bXY 'XYg'Gd]Y`g'V`]YV'Yg
k Y]hYf\]b 'gdUbbYbXž'U`g'X]Y 'F c» k Y]bYf'X]Y '@UhhY 'hfUZYb'i bX
`Yhnh`]W\']a '9`Za YhYfgW\]Y» Yb '1 VY`b'\_cbbhYbž'k c'Yg'Ui W\'Y]b][ Y
gdUbbYbXY'[ Y\U`hYbY'GW\ØggY'[ UVž'i bhYf'UbXYfYa 'j cb'Hcf\ØhYf
¾bhngW\"

K ]Y'k ]W\h][ 'X]Y'Fc``Y'XYf'GW\]YXgf]W\hYf']b'X]YgYf'gdcfh`]W\Yb 5fYbU']ghz'nY][ h'g]W\'Ui W\'Ub'XYb'< YfUi gZcfXYfi b[ Ybz'X]Y'j ]Y`Y JYfV\\angle bXYz'k ]Y'X]Y']a '5Uf[ Ui z']b'6Yni [ 'Ui Z'X]Y GW\]YXgf]W\hYfVYgYhni b[ 'ni 'a Y]ghYfb'\UVYb''K \angle \frac{\}{1} \frac{\}{2} \frac{

8 Yf'&\$"'\$ b]'\_ObbhY'U`gc'b]W\h'bi f'Y]b'<][\`][\h'ZØf'XYb'FGJž
gcbXYfb'Ui W\'Y]b'NY]W\Yb'ZØf'Y]bY'YfZc`[fY]W\Y'GU]gcb']bg[YgUa h
k YfXYb"'9]b'V]ggW\Yb'BcghU`[]Y'XYf'[fc»Yb':i»VU``\Y`XYb'i bX
Y]b'i bhYf\U`hgUa Yf'5VYbX'g]bX'[UfUbh]Yfh°

8 Y hU]`g	
Cfh	Fc»kY]bž'8YihgW\`UbX
EiY``Yb	<ul><li>k k k "gUYWX g]gWXY"XY</li></ul>
	<ul><li>k k k "fcggk Y]b"XY</li></ul>
	<ul><li>k k k "gc`ch\i fbYfnY]hi b[ "WX</li></ul>

6Ygi WXYb G]Y i bg Ui Z. b!U[ "bYh