Dc`_'7cibhmfYdcfhYX', \$(']bX]j]XiU`q'YIdYf]YbWjb[\ca Y`YggbYggžf]g]b[Zfca h\Y`dfYj]ci g`mYUf" 6f]X[Yh`9b[`Ya Ubž 91 YW h]j Y 8]fYWhcfcZh\Y < ca Y Ygg 7cU]h]cb cZDc _ 7ci bhmž dc]bhYX hc ZUWhcfg``]_Y h\Y``UW_cZ'UZZcfXUV`Y`\ci_g]b[ž'cV``cggž

\ca Y`YggbYgg]b h\YgY fY[]cbg"

Jc`ig]U'7cibhmž: `cf]XUžIG5 ! Cb'a `m'-ž&\$&) žh\Y'UbbiU` Dc]bhl=b!H]a Y 7ci bhfYgi `hg`\Uj Y g\ck b U a]I YX VU[Zcf Wcaaib]h]Yg]b:`cf]XUgJc`ig]Už:`U[`YfžUbX Dc`_ Wcibh]Yg" K \]`Y`Dc`_`7ci bhm`ZUWYg`U`X]ghi fV]b[`hfYbX`k]h\`U`a cfY`h\Ub`+ı]bWfYUqY`]b`]bX]j]Xi U`q`YI dYf]YbW]b[`\ca Y`YggbYggžJc`i g]U`UbX :`U[`Yf'7cibh]Yg'fYdcfhYX'U'g`][\hXYWfYUgY']b'h\Y]f'Z][ifYg" $H = \frac{1}{2} h =$



; Yh`]bg][\hg`]bhc`h\Y``UhYgh`\ca Y`YggbYgg`Wci bhg`]b`Jc`i g]U 7ci bhm'UbX']hg'bY][\Vcf]b['fY[]cbgžfYj YU`]b['hfYbXg'UbX WWU``Yb[Yg"

< ca Y`YggbYgg'7ci bhg'F]gY'UbX': U``. K \Uhg'<UddYb]b[]b Mcif5fYU3

gc`i h]cbg"

5g°fYdcfhYX°cb°9bX°< caY`YggbYggžh\Y°Wf]g]g°Jg°Wcad`YIžk]h\ g][b]Z]WUbh'j Uf]Uh]cbg'UWfcgg'X]ZZYfYbh'[fcidg"': Ua]`m \ca Y`YggbYgg`\Ug`gi f[YX`Vm`'-ı Zfca `&\$&' `hc`&\$&(ž`U XfUa Uh]Wf]qY h\Uh fYZYWhg h\Y fYU`]h]Yg a Ubm ZUa]`]Yg ZUWY ž]bWiX]b[`h\cqY`UZZYWhYX`Vm`a][fUh]cb`UbX`XcaYgh]Wj]c`YbWY" K]h\ 'gdYWjZjWj i `bYfUV]`]h]Yg'cZhYb``]b_YX'hc'U[Yž'fUWYž'UbX'ch\Yf ZUWhcfgži bXYfghUbX]b[h\YqYbi UbWYg`]g'Wfi W]U`ZcfYZZYWh]j Y

BUh]cbU``7∖U``Yb[Yg'UbX'@cWU``=a dUWh

bia VYf[·]cb[·]fYWcfX"

H\YqY'Zi Whi Uh]b['bi a VYfg'a]ffcf'VfcUXYf'hfYbXg'Ug'\][\`][\hYX]b'h\Y'&\$&('5bbi U`'<ca Y`YqqbYqq'5qqYqqa Ybh'FYdcfh'fY`YUqYX Vm<18']b'8YWYa VYf'&\$&("'H\]g'fYdcfh']bX]WUhYX'h\Uh'cj Yf ++\$ž\$\$\$`]bX]j]Xi U`g`YI dYf]YbWYX`\ca Y`YggbYgg`cb`U`g]b[`Y`b][\h]b`*Jbi Ufm`&\$&(ža Uf_]b[`Ub`%, i `]bWfYUgY`Zfca`&\$&' "`BchUV`mž \ca Y`YqqbYqq`Ua cb[`j YhYfUbq`qUk `U`Xfcdž`fYUW\]b[`h\Y``ck Yqh

+b 'WcbhfUghž'Jc`ig]U'UbX': `U[`Yf'Wcibh]Yg'gUk 'U'XYWfYUgY']b'h\Y]f bi a VYfgžfYdcfh]b['U'hchU`'cZ'%ž\$, ' ']bX]j]Xi U`g'Yl dYf]YbW]b[\ca Y`YggbYgg U`Xfcd`cZ`bYUf`m`+ı 'Wca dUfYX`hc`h\Y`dfYj]ci g mYUf" MYhžGUjUbbU\`\JbY; f]ZZ]bž9IYW/h]jY8]fYWhcfUh'h\Y BY][\Vcf\ccX'7YbhYf'cZ'K Ygh'Jc`i g]Už'fU]gYX'Ub']a dcfhUbh'dc]bh UVcihh\Y`Wcibhg`UWWfUWm"`H\Y`WXU``Yb[Yg`dcgYX`Vm`Wc`X k YUh\Yf'ZUWhg'a Um'\UjY'UZZYWhYX'hfiY'bia VYfgž'dchYbh]U``m a Ug_]b[h\Y`fYU``gWU`Y`cZ`\ca Y`YggbYgg`]b`h\Y`UfYU"`K \Uh`UfY h\Y`i bWci bhYX`]bX]j]Xi U`q`ZUW]b[`ci h`h\YfY3

A]IYX`FYgi`hg`5Wfcgg`7cibh]Yg

UbX'YWcbca]W]bghUV]`]hm'Zc``ck]b['h\Y'dUbXYa]WUg'df]a Ufm Xf]j Yfg`Zcf`h\]g`]bWfYUgY"`A cfYcj Yfž`h\Y`WcU`]h]cb`YI dUbXYX ci hfYUWX YZcfhg hc fYa chY UfYUgž k \]WX Wcbhf]Vi hYX hc h\Y \][\Yf`Wcibh"`@cc_]b[`U\YUXž`h\YfY`UfY`d`Ubg`hc``cWUhY]bX]j]Xi U`q`]b`]`Y[U``YbWJa da Ybhq`]b``][\hcZ: `cf]XU q`bYk WUad]b[VUbžUacjYU]aYXbchiighUh_YYd]b[dYcd`YgUZYVih U`gc'Ybgi f]b['h\Uh'h\Y'Wci bh'fYZYWhg'fYU`]hm'a cfY'UWW fUhY`m"

- H\Y`hchU``Wcibh`cZ`]bX]j]XiU`g`YbhYf]b[`YaYf[YbWm g\Y`hYfg`Zcf`h\Y`Z]fgh`h]aY`\Ug`f]gYb`Vm`cjYf`&'ı`g]bWY &\$%-"
- 5 'ghU[[Yf]b['&) * ž* %\$ 'dYcd`Y'k YfY'i bg\Y`hYfYX']b'&\$&' ž
 Wcbgh]hi h]b['bYUf`m'(\$1 'cZ'h\Y'\ca Y`Ygg'dcdi `Uh]cb"
- : Ua]`m`\ca Y`YggbYgg`]bWfYUgYX`Vm`%) ")ı Zfca `&\$&&`hc &\$&' ž`fYj Yfg]b[`dfYj]ci g`XYW]bYg"

8Ygd]hY`ghYdd]b[`id`YZZcfhg`hc`dfcj]XY`hYadcfUfm`UbX`dYfaUbYbh \cig]b[`gc`ih]cbgž`h\YfY`]g`gh]```U`g\cfhU[Y`cZ`fYgcifWYg"`H\Y bUh]cbU``\caY`YggbYgg`fYgdcbgY`UXXYX`'\$ž-&)`hYadcfUfm g\Y`hYf`VYXg`]b`h\Y``Ugh`mYUfž`mYh`h\Y`bYYX`Zcf`acfY`UZZcfXUV`Y \cig]b[`fYaU]bg`dfYgg]b["

♣ 'h\Y'YbXž']hg'WYUf. 'UXXfYgg]b['h\Y']ggi Yg'cZ'\ca Y`YggbYgg fYei]fYg'bch'î gh'UWW fUhY 'Wci bhg'Vi h'U`gc'ghfUhY[]WUWh]cb'UbX'U Wc``YWh]j Y'Wca a]ha Ybh'hc'dfcj]X]b['ghUV`Y'\ci g]b['UbX gi ddcfh]j Y'gYfj]WYg"'K]h\'\][\'fYbhg'UbX'`ck ']bWca Yž'h\Y g]hi Uh]cb'Wcbh]bi Yg'hc'VY'U'WcbWYfbž'dc]bh]b['hc'h\Y'dfYgg]b[bYYX'Zcf``cWU``UbX'ZYXYfU``UhhYbh]cb"

5g'Wcaaib]hm'aYaVYfgž'kY'aigh'Ug_'cifgY`jYg.'K\Uh'fc`Y'k]`` kY'd`Um']b'h\]g'cb[c]b['W\U``Yb[Y3'H\YfYg'gcaYh\]b['hc'VY'gU]X Zcf'gc`]XUf]hm'UbX'dfcUWh]jY'Yb[U[YaYbh']b'Z]bX]b['gc`ih]cbg'Zcf cif'ji`bYfUV`Y'bY][\Vcfg"

8 Y hU]`g	
Cfh	Jc`ig]U'7cibhmž': `cf]XUž'IG5
EiY``Yb	• k k k "W]W <u>c</u> f`UbXc"Wca
	• k k k "\i XYI W\Ub[Y"]bZc
	 YbX\ca Y`YggbYgg"cf[

6Ygi WXYb'G]Y'i bg'Ui Z.'a Y]b!k]Yb"bYh