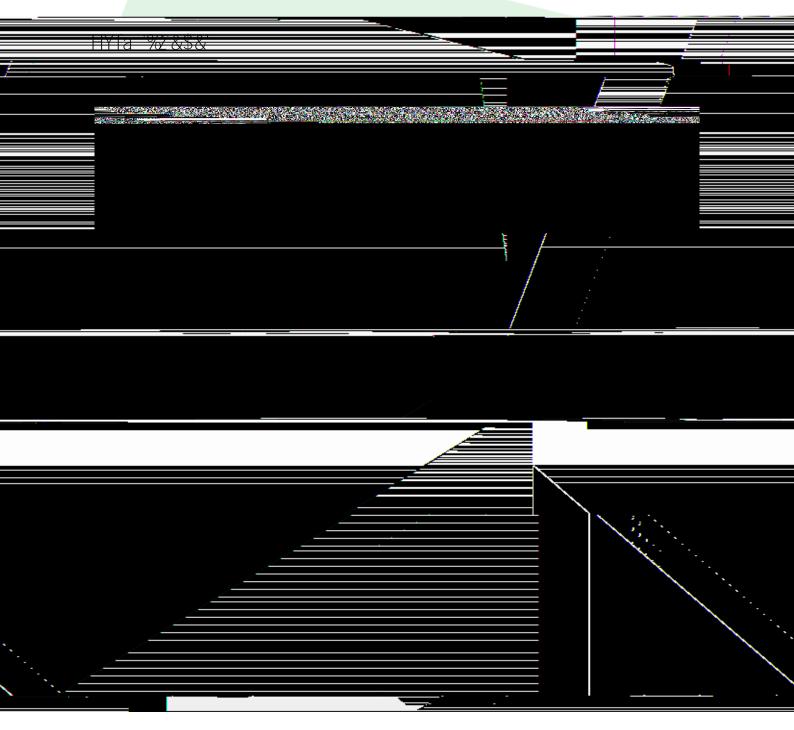


SOCW4012

GcWJU`K cf_'DfUWJWY']b'A YbHJ`'< YU`h\'UbX'HfUi a U



7 ci fgY Cj Yfj]Yk

GHJZZ:7cbHJWh:8YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]hm	@cWUh]cb	D\cbY
?Yff]Y`>Ua Yg	?Yff]Y"'Ua Yg4 i bgk "YXi "Ui	6mUddc]bha Ybh	A cfj Yb 6fck b @Yj Y` %	\$(\$**'-

Hi hcfg

BUa Y	9a U]`	5j U]`UV]`] h m	@cWUh]cb	D\cbY
>Ygg]Y ⁻ 7\i b[Ygg]Y"Wi b[4 i bgk "YXi "Ui	6m5ddc]bha Ybh		
5`mggU'7 Ugg]Xm	U"WJgg]Xm4 i bgk "YXi "Ui	6m'Uddc]bha Ybh		

GWXcc`7cbHJWhi±bZcfa Uhjcb

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Fcca '%) -

A cfj Yb 6fck b 7 &\$

Ya U]`. 'gcgg4 i bgk "YXi "Ui

d\cbY. '\$&'-',) '% \$+

7ci fgY 8YW] g

I b]hg cZ7fYX]h**

Gi a a UfmcZh\Y 7ci fgY

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5ggYgga Ybh

±bZcfa UhjcbʻUj Uj`UV`Yʻ]bʻA ccX`Y

5ggYgga Ybh'HJg_	K Y][\h	8iY'8UHY	7 ci fgY @YUfb]b[Ci HWca Yg 5ggYggYX
%"·9ggUm	(\$1	% #\$' #&\$&' `%%) - `DA	%ž [:] (
&"'DfUWfJVW'5dd`]WUhJcb			

5 hmy b X Ub WY F Yei] f Ya Yb hg

 $\hbox{Ghi XYbhg'UfY'ghfcb[`m`YbWc'i fU[YX'hc'UhhYbX'U```WUggYg'UbX'fYj]Yk'``YWhfY'fY'WcfX]b[g''' } \\$

7ci fgY'GWXYXi `Y

J]Yk 'WUgg'ha YhUV'Y

H]a YtUV`Y

8 UHY	Hmd Y	7 cbhYbh
K YY_'%'%': YVfi\Ufm! %+': YVfi Ufm	@YWhi fYY	_ =bitfic:Xix iVVI)cijo:ibc iVov

	Hi hcf]U`	
		7 UgY a UbU[Ya YbhžfYWcj YfmUbX ZJa]`mgYgg]cb"
K YY_', .'' '5df]`'! '+'5df]`	@YWhi fY	HfUi a Už7ca a i b]h]YgʻUbXʻ7ca a i b]hm =bhYfj Ybh]cbg
	C b`]bY'5WMjj]m	BUh fu``X]gUghYfg'-'6`UW_'GUh fXUm
		Bc'hi hcf]U`'h\]g'k YY_ž]bghYUX'ghi XYbhg'k]`` Wca d`YhY'Ub'cb`]bY'UW¶j]]m"'
		Cb`]bY`UW¶jj]m¶`AccX`Y`X]gWigg]cb`dcghg
K YY_''%\$'5df]`'!'%(5df]`	@YWhi fY	7 ca d`Yl 'lfUi a U.'\YU`]b[žYb[U[]b[']b X]gWcgi fY'Wcbj YfgUl]cbgžF YgdcbgY!6UgYX DfUW]VY"
	Hi hcf]U`	FYgdcbgY'VUgYX'dfUWfJWY'UbX'fYgdcbX]b['hc W]YbhX]gWcgi fYg
K YY_"%\$."%+"5df]`"!"&% 5df]`	@YWhi fY	CdYb^8]U^c[i Y^]bhYfj Ybh]cb^]b^a YbhU^^\YU^h\ gYhf]b[g
	Hi hcf]U`	CdYb'X]U`c[iY'UbX'WtifgY'fYj]Yk

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

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

.

⊋mci 'YbWci bhYf'U'dfcV'Ya 'k \Yb'UhhYa dh]b['hc'gi Va]hmci f'Ugg][ba Ybhih\fci [\'Hi fb]h]bž'd`YUgY hY`Yd\cbY'9| hYfbU``Gi ddcfhcb'-',)'''' %cf'Ya U]`'h\Ya 'cb'Yl hYfbU`hY`hgi ddcfh4 i bgk "YXi "Ui

.

 $\label{eq:continuous} \text{Gi ddcfh} \ \text{Ci fg'UfY', .} \$ \text{Ua '-'}\%\$.\$ \text{da 'cb'k YY_XUmg'UbX'-.} \$ \text{Ua '-'}).\$ \text{da 'cb'k YY_YbXg'fl *) 'XUmg'U mYUf\!''=\ 2mci 'UfY'i bUV'Y' hc'gi Va]\ \text{hmci f'Ugg][ba YbhXi Y'hc'U'ZUi 'hk]\ \text{h} 'Hi fb]\ \text{h} b\ 2mci 'a Um'Udd'm\ 2cf'Ub \ \text{Log} \ \text{Log}$

5 WUXYa]W<cbYghmUbX D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b['h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b['h\Ya `Ug`mci f`ck b"`±hWJb`hU_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b['hc`UWW]XYbhJ``mWcdm]b['Zfca `U`gci fWY`k]h\ci hUW_bck `YX[Ya Ybh'

IBGK [fcidg'd'U[]Uf]ga]bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

• 7 cdm]b[. I g]b['h\Y'gUa Y'cf'j Yfmg]a]'Uf'k cfXg'hc'h\Y'cf][]bU''hYl h'cf']XYU'k]h\ci h'U\V_bck 'YX[]b[

5 WUXYa]W±bZcfa Uhjcb