

## 9fghYf'HYgh'ZØf'Ghfi VYf.': 7'? Ò`b']a Nk Y]h`][ U!8i Y``'VY]'9`j YfgVYf[

8 Y f '%": 7 '? Ò`b 'hf]hh 'Ua '%\$" '5 i [ i gh '&\$ & ( '[ Y [ Y b 'X] Y 'G J 9 ) Y fg V Y f [ '] b 'X Y f 'I fg U d \ Ufa !5 f Y b U 'Ub "' J Y f Zc `[ Y b 'G] Y 'X Ug G d ] Y ` '] a '@] Y h] <u>W</u>Y f °

# 9]b '6`]W\_'Ui Z'X]Y 'GJ '9`j YfgVYf[ 'i bX 'XYb '%" : 7 '? Ò`b. '9]b '8 i Y`` 'a ]h '6YXYi hi b[

5a '%\$"'5i [i gh'&\$&( 'ghUbX'XYf'\_`Y]bY'JYfY]b'GJ'9`j YfgVYf[ ']a : c\_i gž'U`g'Yf'XYb'VY\_UbbhYb'%": 7'? Ò'b'VY]'g]W\']a 'GhUX]cb Ya dZ]b[ "'=b'XYf'I fgUd\Ufa !5fYbUž'X]Y'U`g'XUg'\_`Y]bghY'GhUX]cb XYf'&"'6i bXYg`][ U'VY\_Ubbh']ghž'\_Ua 'Yg'ni 'Y]bYa '8i Y``ž'XUg'b]W\h bi f'X]Y'Gd]Y`Yfž'gcbXYfb'Ui W\'X]Y': Ubg'Y`Y\_hf]g]YfhY"

#### 8Yf HfU]bYfk YWXgY`i bX gY]bY 6YXYi hi b[

8 Yf'bYi Y'HfU]bYf'XYg'%": 7 ? O`bž; Yf\UfX'Ghfi VYfž'\UhNY'gY]bY YfghY'5i gk ÀfhgVY[Y[bi b['gY]h'gY]bYf'5a hgØVYfbU\a Y"'BUW\Y]bYf'\_bUddYb'B]YXYf`U[Y'[Y[Yb'XYb'<Ua Vi f[Yf'GJ'VY]a GU]gcbUi ZhU\_hž``U['XYf'8fi W\_'Ui Z'Ghfi VYfž'gY]bYb'YfghYb'G]Y[Y]bni ZU\fYb"' 9]bY'YfZc`[fY]W\Y'@Y]ghi b['k ÀfY'YggYbn]Y``ž'i a 'X]Y A cfU`']bbYf\U`V'XYf'A UbbgW\UZh'ni 'ghÀf\_Yb'i bX'Y]bYb'dcg]h]j Yb HfYbX'Y]bni `Y]hYb ž'Ài »YfhY'Yf']b'gY]bYbGhUhYa Ybhg'j cf'XYa Gd]Y`"

#### 8]Y'U\_hi Y``Y'G]hi Uh]cb'VY]'XYb'HYUa q

 $\label{lem:condition} $$Jcf^XYa^GJ^Y^CJ^9^jYfgVYf[\check{z}^X]Y^aa^YfghYb^Gd]Y^bifY]b^IbYbhgWX]YXYb^I[Y[Yb^XYb^W]^*:7^AU[XYVif[^Yfn]Y^hY\check{z}^g]WX}$$ 

b]Wkhini fØW\_`Y\bYb"'=\f'7cUWk'k Uf'g]Wk'VYk i gghž'XUgg'Y]b k Y]hYfYf'Di b\_hj Yf'i gh'YbhgWkY]XYbX'ZØf'XYb'GhUfh']b'X]Y'GU]gcb gY]b'\_\ObbhY"' 9]b'5i gfi hgWkYf'k ØfXY'[`Y]WkVYXYi hYbX'a ]h'Y]bYa : Y\`ghUfh'gY]b ž'gc'Ghfi VYf"'8]Y'A UbbgWkUZh'j cb'9'j YfgVYf['\Uh [YnY][hž'XUgg'g]Y'[Y[Yb'gh\Af\_YfY'; Y[bYf'a ]h\U`hYb'\_Ubbž'k Ug XYb'8fi \w\_'Ui Z'?\O`b'k Y]hYf'Yf\\O\hY"

#### 8]YFc``YXYf: Ubg

8]Y'I bhYfghØhni b['XYf': Ubg'k Uf'Y]b'nYbhfU`Yf'Di b\_h']b'XYf
5bgdfUWXY'j cb'Ghfi VYf"' =\W'\UVY'[Y\OfhžXUgg'i bg'Ui WX
Ui gk Àfhg'j]Y`Y': 7!: Ubg'VY[`Y]hYbž'k Ug'k i bXYfgWXOb']gh ž'gU[hY
XYf'HfU]bYfž'i bX'VYhcbhY'X]Y'JYfUbhk cfhi b['XYg'HYUa gž'Y]bY
@Y]ghi b['ni 'Vf]b[Ybž'X]Y'gck c\`'XYb'Y][YbYb'5bgdfØWXYb'U`g
Ui WX'XYb'9fk Ufhi b[Yb'XYf'5b\Àb[Yf'[YfYWXh'k]fX"

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 $8 \ Ug`Gd]Y``k \ Uf`b]Wk h'bi \ f`Y]b`k \ ]Wk h][\ Yg`A \ UhWk`ZØf`VY]XY\\ A \ UbbgWk \ UZhYb \'z`gcbXYfb`Ui \ Wk`Y]b`\d=bX]_Uhcf`ZØf`X]Y`k \ Y]hYfY\\ 9bhk \ ]W_`i b[`]b`XYf`&"`6i bXYg`][ U"`9]bY`B]YXYf`U[ Y`ZØf`XYb`%"`: 7? O`b`_ObbhY`b]Wk h'bi f`5i gk ]f_i b[ Yb`Ui Z`X]Y`HUVY``Y`\UVYb \'z gcbXYfb`Ui Wk`Ui Z`XYb`GWk UZZYbgdfcnYgg`j cb`Ghfi VYf`]a `HYUa "8]Y`JYfY]bgZØ\fi b[`i bX`X]Y`: Ubg`\cZZYb`Ui Z`Y]bY`dcg]h]j Y K YbXi b[ ž`i a `]b`XYf`@][ U`: i » 'ni `ZUggYb"$ 

#### Ni gUa a YbZUggi b[

± XYf'I fgUd\Ufa!5fYbU'hfUZYb'Ua'%\$"'5i [igh'&\$&('X]Y'GJ 9'j YfgVYf['ibX'XYf'%"': 7'?Ò'b'Ui ZY]bUbXYfž'k cVY]'XYf'bYi Y HfU]bYf'Ghfi VYf'U``Yg'XUfUb'gYhnhYž'Y]bYb'YfghYb'G]Y[ Y]bni ZU\fYb"'8 Ug'5i ZY]bUbXYfhfYZZYb'ghY``hY'g]W\'U`g YbhgW\Y]XYbX'ZØf'X]Y'GU]gcb'\YfUi gž'gck c\``]b'gdcfh`]W\Yf'U`g Ui W\']b'a cfU`]gW\Yf'<]bg]W\h''A]h'XYf'I bhYfghØhni b['XYf': Ubg i bX'Y]bYa 'Zc\_i gg]YfhYb'HYUa'k UfYb'X]Y'J cfUi ggYhni b[Yb [Y[YVYbž'i a 'g]W\']b'XYf'&"'6i bXYg`][U'ni 'VY\Ui dhYb"

# 6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U[ "XY