

=b '6Yf`]b 'j YfghcfVYb. '8f"'>Ybbm'XY ``U HcffYž'FYhhYf]b 'XYf'CVXUW\`cgYb °

8f":>/bbm:XY:`U:HcffYž:Y]bY:Yb[U[]YfhY:CVXUWX`cgYbÀfnh]b:]b 6Yf`]bž:]gh:Ua::%&"\$*"&\$&):bUWX:`Ub[Yf:?fUb_\Y]h j YfghcfVYb"



VY\UbXY`b"'⇒fY'5fVY]h'YffY[hY'gW\bY``'5i Za Yf_gUa _Y]h'i bX 5bYf_Ybbi b[ž'k cXi fW\g]Y'nU\`fY]W\Y'5i gnY]W\bi b[Yb'Yf\]Y`hž XUfi bhYf'XUq'6i bXYqj YfX]Ybqh_fYi n']a '≯J\f'%- - +"

9b[U[Ya Ybh ZØf CVXUWX `cgY

 $= \frac{1}{2} \left[\frac{1}{2} \right] \left[$

8 Ugʻ6Yn]f_gUa hʻA]hhYžʻj YfhfYhYbʻXi fWXʻXYbʻ6Yn]f_gghUXhfUhʻZØf Gcn]UʻYgʻi bXʻ6Øf[YfX]YbghYžʻ7 UfghYbʻGdUʻʻY_žʻÀi » YfhYʻ]bʻY]bYf DfYggYa]hhY]ʻi b[ʻX]Yʻ\c\YʻK YfhgWXÀhni b[ʻZØfʻ8f"ʻXYʻʻUʻHcffYn g K Yf_"'=\fʻ9]bgUhnʻ[UVʻj]YʻYbʻA YbgWXYbʻ<cZZbi b[ʻi bX DYfgdY_h]j YžʻK UgʻXUgʻ@YVYbʻj]YʻYfʻj YfÀbXYfhY"ʻHUnʻ\YVh YVYbZUʻʻgʻ\Yfj cfžʻXUggʻX]YʻFY[]YfYbXYbʻ6Øf[Yfa Y]ghYfʻ6Yfʻ]bgž?U]ʻK Y[bYfžʻi bXʻX]Yʻ; Ygi bX\Y]hggYbUhcf]bʻ=\bUʻ7nmVcffU 6YghØfni b[ʻØVYfʻ]\fYbʻJYfʻi ghʻnY][hYbʻi bX']\fYbʻi bYfa ØX`]WXYb

9]b'V`Y]VYbXYg'JYfa ÀWXhb]g

 $8f'''XY''`U'HcffYg'9b[U[YaYbh'ZØf'AYbgWXYb']b'Bch'k]fX'U`g'Y]bYg XYf'dfA[YbXghYb'KYf_Y']b'XYf'Gcn]U`aYX]n]b'Ub[YgY\Yb'''8Ug 9\fYbUahgVØfc'XYg'6Yn]f_gUahg'A]hhY'jcb'6Yf`]b'\Uh'gY]h'&$%) Y\fYbUah`]WXY'IbhYfghØhnYf']b']\fYf'Gh]Zhib[Y]b[YgYhnhž'kUg'X]YYb[Y'JYfVibXYb\Y]h'VY`Y[hž'X]Y'j]Y`Y'AYbgWXYb'a]h']\f'ZØ\`hYb'' <math>\Rightarrow$ f'JYfaÀW\hb]g'k]fX']b'XYf'Gh]Zhib['ibX']b'XYb'<YfnYb XYf'Yb][Ybž'XYbYb'g]Y'[Y\c`ZYb'\Uhž'kY]hYf`YVYbž'gc'X]Y A]hhY]`ib['XYg'6Yn]f_gUahg''

 $= fY \cdot 5fVY]h'V`Y]Vh'b]WAh'bi f']b'6Yf`]b'gdØfVUfž'gcbXYfb'\Uh'Ui WAWVYffY[]cbU`Y'FY`Yj Ubn'''Cf[Ub]gUh]cbYb'k]Y'XYf'9j Ub[Y`]gWXY$

JYfY]b ZØf K c\bfUi a \]`ZY]b : fUb_Zi fh Ua A U]b nY][Ybžk]Y Xf]b[YbX XYf 6YXUfZ Ub I bhYfghØhni b[ZØf k c\bi b[g`cgY A YbgWXYb]gh C VXUWX cg][_Y]h]gh Y]b XfÀb[YbXYg DfcV Ya ž XUg Ui WX]b [fc» Yb GhÀXhYb]a a Yf a Y\f A YbgWXYb VYhf]ZZh 8 Yf JYfY]b V]YhYh i a ZUggYbXY <]`ZY ZØf 6Yhfc ZZYbYž A\b`]WX k]Y 8 f XY `U HcffY]b]\f Yf a YX]n]b]gWXYb i bX gcn]U Yb 5 f VY]h"

8]Y'; YXUb_Yb'i bX'XUg'A]h[YZØ\``g]bX'VY]`U``Ybž'X]Y']\fYb'K Y[[Ya Y]bgUa 'a]h'8f"' \Rightarrow bbm'XY'`U'HcffY'[Y[Ub[Yb'g]bX"' \Rightarrow f i bYfa \emptyset X`]\\XYf'9]bgUhn'i bX']\fY'<]b[UVY'k YfXYb']b'XYf ; YgY``g\\UZh'j Yfa]ggh'k YfXYb"

8 YhU]`g	
Cfh	DZi [ghfu» Yž'%\$%%) '6Yf`]bž'8Yi hgWX`UbX
EiY``Yb	• k k k "VYf`]b"XY
	• hUn"XY
	• Yj j Zk \"XY

6Ygi WXYb G]Y i bg Ui Z. a Y]b!VYf`]b "bYh