

2=YÜX7ä

)=1#rg ZñF<6«Z5#—F,fñj|2=\oY""+1¾
ZñF<6«Z5#—F,2=\oDÊ\$îF,2=YÜ * !

p·Zs` 4o` DĐC

³ b2=YÜ b !

! #μ	
^S ¥Zñp¾[A i> &f ¾5 *ÿ	
`·+l&Ø&è	
fEZ V Hd	
fE`·&Ø&èp·)*6±p,	

)eK ¾:Ú)| £ ``#μC 30:² b("UýC@6Ô2=YÜp»Zs#´5ê()MJÔ ! `·F, è ³ b2=YÜ b <X F,)|
£ é ä
+/mg°(+“ !
YăpÉ6Ô b5¶F%p»)*6Ô b6Ô6±&Đ/mg°(+“F,:¬ ð! 3x C2`5¶F,lo5Ap»"-2"6Ô bF,! #μ ä^S ¥
Zñp¾[A i>&f ¾5 *ÿ ä`·+l&Ø&è#fEZ V Hd p»ZñF<6« g6«+`6Ô2=YÜY> "ç#μ2=YÜUýC@p» ¼
μ6«M 06Ô b £ ý&†Y. ä !

: 9s2=YÜ b

! # #μlÜ	
1,Js1è&Đ&Ø	
\$î9 F#YÂV Hd p¾ ! # Yă!2M·V	
`·+l&Ø&è	
<X F,! #μ	
<X F,fEZ V Hd	
<X F,fE`·&Ø&è	

*/mg°(+“
YăpÉ6Ô b5¶F%p»)*6Ô b6Ô6±&Đ/mg°(+“F,:¬ ð! 3x C2`5¶F,lo5Ap»"-2"! # #μlÜ ä1,Js1è
&Đ&Ø ä\$î9 F#YÂV Hd !p¾! # Yă!2M·V ! ä`·+l&Ø&è ä <X F,! #μ#fEZ V Hd p»ZñF<6« g6«+`
6Ô2=YÜY> "ç#μ2=YÜUýC@p» ¼ μ6«M 06Ô b £ ý&†Y. ä

$$F_{,2} = Y\ddot{U} + \mu \sqrt{5} \times Z X p \hat{I}$$

6ÒM;Z5#—fnj|2=\oY°"+p¾Q¯ZñF<6«Z5#—DÊ\$F6±e,D
p· 3)*Q¯2SfÚ6±e,, ã3P.<6ø5A ãQ¯X C|6±e,, ã_ý#uF<KIY7
+Bp,

XS2=YÜF,DÊ\$îF,#µlÙ			
5×#ÎZ DÊ\$îF,2=\oO-pÎ		1è3µ(ÙF,aygõ p·)*6±p,	
XS2=YÜF,KIC®! # p¾DÊ\$îF\$Wô bp¾#•Y¿ bp¾ ... KI bp¾ Õ s bF,#µlÙ			
6±#Î#¹Z KIC®! # 1¾DÊ\$îF\$Wô b !¢2=YÜp¾ Q¯! P M pÎ)*6±p»Zs_~5¶Z KIC®! # 1¾DÊ\$îF\$ Wô b6± ý&†Y. ä			

2=YÜF,5•6Ç ã5êe;#r ãY) 3 ž



ZsYã5¶ F,2=YÜ5×#Îe,, ö ³!¿ ¨ ³1¾ • ²F,KIE/

.<#ò1¾ 3P.<6ø5A
DÊ\$îF e,,\o5AF,2SfÚ
4P\c
Õ s b+µ-Û1pUýC® µE
µE b_ \$Ö
aybÊL|LÃ
+B j
6µ"•;Ü>>
DÊ\$îF,Lø9sp¾YÕY°
! ~ äZs_~5¶pÉ_____、

F,2=YÜ 3g-5×DÂndpî

--

D)* F,2=YÜ5×e,,5d6ÖM;Z5#—F,fnpj|2=\oY°"+p¾! ~6ÖM;Z5#—F,DÊ\$ip·Ŧ@b6±e,,+13:p,F,
b_ \$Öp»Zs_~5Ŧ 5×#Î&ĐiA=x#•!Ø2f4Ô1đ2=\o6±e,,+13:pÉ 5× #Î

Zs3x C#¹ 3Pb_6±e,,+13:F,3Pb_ <C@#rp¾1¾b_ \$Ö b\$%oF,){#µ#rP M \o5A

--

Zs! j|3w_~ G•016±e,,+13:F,Z LØM;_ö

--

6Ô2=YÜ5×#Î=1#r1ç
&ØDÊB 9 pÎ

)*5×p»Zs3x C1ç&ØDÊB 9 F,#µlÛ#r1è&Đ&Ø

5×#Î6!P 5Ŧ1¾KåO £ ý5/ ž •P 5Ŧ+Û+µ6±e,,+13:F,2=\oO´Y`p» 5× ``#µ+°9 2=\oO-pÎ

5× äZs&Đ ³!¿JÔ `•3x CF e,,5/ ž ä

#Î

! ~\o5A

)*J" 5oμ5 1qDĐp»Zs#Žg©X,, íp» ífP6ÔX 7ă3x L ä
YăpÉQ± 3 .ZRp») F,2=YÜ5×e,,5d¼&†:æg-F,Y"KĐ»Zs_ 5¶¼&†2 HâF,5•6Ç#¼&† j pÉ1¼)* F,2=YÜ5×e,,5d L5»1è_ł'ÇayF,

8. auY)Y²0

#¹ZñF<6«M 0#´0·

@b 'ZñF<6«P¥UýC®6Ô2=YÜp»6Ô bp·Zs"l' ` DÐO-p,

#´0·

ZñF<6«#¹·³+µ\ 2SfÚ6Ô2=YÜ#r6ÔX 7ă1è^±6±e,,6Ô bF, ³ b\o5ApÉ

XS2=YÜF,+µ\ #r! F e,,: 9s ä

! ~F<KI: 9sp·)*6Ô2=YÜ, ! F<KIKI&µ p, ä

6Ô b5¶F%p»)*6Ô b µ` 4o" #´0·"p»ZñF<6« g#—P¥@É<}_Ú ¨; UýC®6Ô2=YÜ ä

6Ô b5¶F%&Ð ``QÔ0m<i ³p»f g 6Ô b#Ø·p»#Î !iZñF<6« µ6«2SfÚ6Ô2=YÜ#r6Ô bF, ³ b\o5A ä@P
O´p»6Ô b N5¶F%p»)*6Ô b#¹ZñF<6«3x CF,\o5A ëDÐ5dQ`ÿ<}#rF<KI6±e,,F,R•. F–F,p»ZñF<6« g
C [é ðO´ µ#• ê ³ b\o5Ap-lifYp,8E 3 ë1èYª5¶F,R•. #G!iKleø äZñF<6«#r/4#—@b_Á CF–F,O´

. KåO

6Ô bHbZ5pÉ

- 2 *&Ð6Ô2=YÜX 7ă! 3x CF,\o5A&i@bFÇ+Ž ā+45 #r>>Hb ! ä
- 3 *6Ô b5¶F%p»)*6Ô b6Ô6±&ÐJÔpÀ`•F, =2=YÜ b\o5A ?F,/mg°( +“F,:¬ ð! 3x C2`5¶
F,\o5Ap»ZñF<6« g6«+`6Ô2=YÜY> "ç#µ2=YÜUýC®p» ¼ µ6«M 06Ô b £ ý&†Y. ä
- 4 *6Ô b5¶F%p»@bUýC®6Ô bF,2=YÜp»Q`ZñF<6«! /4F,fEZ +µZ 6«XSb–g> ä

2=YÜ b / C 30:² <X F,KåO *

5•6Ç

*)*6Ô2=YÜX 7ă6ÔM;KåO p»ZñF<6«#—P¥@É<}UýC® F,2=YÜ ä
#¹ZñF<6«F\$_@6Ô5/ ž!ðp»"•Zs+`6Ô5/ ž Ú+ &Ð F,fEQ 1¼fE*ØX...O ! ä