

Ot5 2SfUÜX

(PI ¥F\$Wôb - F\$Wô PI6Q2")#r /13PI ¥1&)

†—"F\$Wôb#µpÉS- ._+ aSf PI ¥6—e! #

PI ¥ V pÉ 2120 #ðL5 6`pÉ 2020. 46° 35

)* †—"F\$WôbF,- F\$WôPI6Q2Cf[2"]O·g°7Æ 4 ÆiA=ℙ #°L5»1L6—e! # Zæ!à†—"Y7!i° (Æ †—"Y7!i°)JÔ13.25A8E !¢2Sfú»/mg°)M I ' ä

)* †—"F\$Wôb\& PI ¥O·g°7Æ4 Æ †—"Y7!i°JÔ 10.06(4)(aℙE !¢2Sfú»!i Ng°)M II ' ä

Zæ!æZ OmpÉBEî6u ÄH 6u ž YC 6u Å

I.					
F\$WôPI ¥ (Y ^a 6 #r 7)	PI ¥5 F	- F\$WôPI ¥ ü 6—e PI ¥F\$WôIF, Cf6— F\$WôPIÑ L,Â F&!fi; (Y ^a 4 ^a 6 #r 7)	;wPIF\$Wô; (Y ^a 1 #r 7)	† □ ‡A 9 5 F, ;wPI4P“ j (Y ^a 5)	F\$Wôj^«-“ æF, 2@[j>J j-í.N (F&!fi;) (Y ^a 7)
5d †!¿5 6`e3)s5ÆF,L† (Y <sup>a</sup> 2) 2020. 46° 25 p•7Æ4 Æ †—"Y7!i°JÔ 13.25A8E 5d 2020. 46° 25 !†F\$F, † □ ¥ì 5 <sup>1</sup> •M y>< íF, 5 6`p,	75,500,00PI6_` PIp»">2 55,260,000 PI! \oPI#r 20,240,000PI H PI				
(Y ^a 3)					
5d 2020. 36° 315 Y& p» î†'6Ö ^a b_ ðPI ¥	35,0006u H 6u	0.04636%			
5d 2020. 46° 15 Y& p» î†'6Ö ^a b_ ðPI ¥	41,3006u				

5d 2020. 4 6° 2 5 Y& p» î+´6Ö ^a b_ ØI ¥	31,8006u H 6u	0.0421%			
5d 2020. 4 6° 3 5 Y& p» î+´6Ö ^a b_ ØI ¥	65,3006u H 6u	0.0865%			
5d †!¿5 6`L†7 5ŒF,L†+ (Y ^a 8) 2020 H 4 Ü 3 ¹	75,500,000ØI6 _ PIp»">2 55,260,000 PI! \oPI#r 20,240,000ØI H PI				

1,,&—; HbZ5p»4 1,,1ŁG 1Ł p» I ' 1Ł_ F,;wg>Zæ!đF\$Wô C F\$WôbT 3 6«; .•30:†2!!np» ¿&—' D—F,0m<i †pÉ

(Y^a 9)

- (i) †—"F\$Wôb- 4H~! &—5×đF\$Wôlq/?F,! ' :æ>p°
- (ii) -, Wô†—"Y7!î ì †—"o7ăíg> †1ŁY7+B6—e †—"F, †!fl &"8E p°
- (iii) 2!!nZæ!à†—" _ F,; .!¥ ! 1Ł^—F,1Ł6—8E p•)*6—p,- 0, Wôp°
- (iv) ;wh Zæ!à&—#<5ag &i, F #. (Y^a 10)p°
- (v) Œ! # p•=>F #rf g>8E5/p,8E 3 °Y7+B_#đ # Y^a!2UjUje + :< F,! ' 5/ - M;; .•+ :<p»O· †!fl! ~<}/3Y7+B N- ! ' ' Wôp°
- (vi) Hb+ 1Ł6—:†5/ 2—A F\$WôE:æ,Y7+BM;- F\$_' /Cf; >> AF\$_' /; &—>> A Œ+fl6«F\$_' p°
- (vii) F\$WôbF, †—"5/ 1ŁHâ DÙV_1#0•V_F,! ' B 9 F, L5»- +41,p°! ' Z JæB 9 F,V_ j- ON p°#r

(viii)

5.)*†-“F\$WôbF,PI¥6S | |p>!!ì†¤‡A 9 5 F,;wPI4b“; í1qCfiY @b ìPI¥ 6¤/4| |F,A 9 5 E (Ñ;wPI4b“; í ä

7. $\exists x \exists y (P(x) \wedge \neg P(y))$
 $\neg \forall x \forall y (P(x) \rightarrow \neg P(y))$
 $\neg \forall x \forall y (P(x) \rightarrow \neg P(y))$
 $\neg \forall x \forall y (P(x) \rightarrow \neg P(y))$

9. (i) Q (viii) $q \rightarrow bP57F, \phi[7\ddot{a} \cdot p] \# 2 - \ddagger!^{\sim} 0m < i 0 \quad Y^{\prime\prime} \ddot{a}$

Zæ!æ, g æ #p»g°N 1¼! J[F, Pl:æNF #p°! !
 Zæ!æ:-†g#-# æ°e!; 2-# æ0 C/YK?F, P10 •!Ñ p» ‡:Éæ 5Æ;w%V 1qC <æ\$F, P10 •!Ñ g1 N+4! F #•Mǵ1#r= g1p, p°#r! !
 Zæ!æ16-F #:†Frp»)*# e!1F, ^æf; a!Ç-Ü«[#15d6«†2=1p», &—1Ł6-! ~5ag S6-#Jæ:†Fr ä!

