

$$\mathbb{E} q D_2^{-1/2}$$

3/4thY

5. Q' 2010 . 6-6° 25-51p» R . 30W /m5 @ 5° 744p
0ē 7T 12.1 & D67X ó

(iii) FSC 5/Eb14gF6gbZpÉ

(a) $\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$; $F^\#$ $p^\#$ $F^\#$ $56^\#5^\#p^\#$

(b) $M_{\text{orb}} = 6.1 \pm 0.8 M_{\text{Jup}}$, $A_{\text{H}} = 0.34$
 $5/\tilde{z} = 6 \pm 5$, $\text{au} (4.6 \pm 1.1)$

(iv) $\frac{1}{5} \frac{1}{E} \frac{1}{F} \frac{1}{T} \frac{1}{3} \frac{1}{6} \frac{1}{g} \frac{1}{b} \frac{1}{p} \frac{1}{x} \frac{1}{5} \frac{1}{p} \frac{1}{3} \frac{1}{4}$
 $\frac{1}{5} \frac{1}{E} \frac{1}{6} \frac{1}{A} \frac{1}{6} \frac{1}{6} \frac{1}{A} \frac{1}{6} \frac{1}{6} \frac{1}{6} \frac{1}{F} \frac{1}{p} \frac{1}{6} \frac{1}{6}$
 $@ \frac{1}{p} \frac{1}{6} \frac{1}{Z} \quad \hat{1} \times \frac{1}{6} \frac{1}{6} \frac{1}{F} \frac{1}{T} \frac{1}{3} \frac{1}{6} \frac{1}{5} \frac{1}{a} \frac{1}{g} \frac{1}{F} \frac{1}{T}$
 $\frac{1}{6}$

(a)   

(b) $\frac{5}{12} \pm 0.8$ p e b F 1 p 1 q & 1 /
F 0 m | F 2 % x C | D Z 6 p # @ / 1 q & D #
1 7 4 9 5 4 7 4 F A 9 5 3 5 5 1 0 x
C 5 d 3 / 4 e % V F k p 3 5 / 0 5
] p p 1 q & D F # / 4 F A 9 5 5 5 5 1 0 x C 0
[b Z 6 ä

(c) ~~D~~ bZ61q63_RU47DF3_RpE

~~SECRET~~

1" 63,474
161,135

60)6F0

9. 24007 3.7 10,60)6
F&231q60)6p2621
7pF1%

15C

10.)*) 50)6 #,T3 10,60)6 360 60)6
&D) 603 7eb6 7-T3_pV
A.F90e 3VA3(a)g7I #0727e
1 5.56(a)

б б ä 3x03ä 6e%V1q±
6±pÉ

(i) 26EAAFhþ#AAe6± F,¢
8pÉ

(ii) 6e5Fhþ%)äÉ

(iii) 1#6e5Fä1%)PbDpÉ

(iv) ä1%b6CFV1äFä

(v) ä1%26EAAFhþ#AAe6± F,¢E
ä

PIh\$g1q5p#1q&D
4A950%xC6eb5Aä46(ä,
b5A)62165XpN1qF%ä%

12. ä 1.7 gYb1h\$ng!A1è
f100\$||(Èb8pbf\$B\$Bä
0FV1h\$3äY6ä
\$Eb1q&ä%03ä

)Eä1h\$

12.13. Y 2.1 YB» T3ämg%äCä1h\$&D
6e,1#äE6Äp1ä2äFä1h
ä1F%ä« ä 2.6 _ä1\$äb(äXS
äb3xCCä03Fä`ä

13.14. äqC« 6e,,)Eä1h\$ 3 ä
Cä1h\$qF%ä%äCä/bZ6äebZ
61q ä eb¬ 2 9äEäpQä
h\$# 3xC Cä03ä

14.15.)äY 2.1 #Y 2.6 6äEb1q&D
#)ä%ä03ä

§ 6-1 65»

15.16.)b1q75bpb65d (i) 7
 T 3.5 F!F56QÊ¾ (ii) 663)sp5F5Qb
 p56! 16 # p)1)6»
 2)bpF5eä ä)bN1q75b
 b(1aZ ä Q1q6Q5b6FF
 e,7B2" 7ä, 7T 23ä 24 # 26.3 O DÊÇ7B ä

16.17. 9ËQ» 5» DÊbN1q:75d (i) 7T 3.5 F!
 -F56QÊ¾ (ii) 5»F56Q»
 5F5Qbpb5bpb65
 Q(1a75p.p55F7Vb6M05
 5F7515M0F5»XQ4p3
 7T 26 F[5s 1 #5X VI FÔ 3]ä,

14b8bZ

17.18. &5b50)F!F56)6F,
 1h\$Q56xChZ6pX)h A6H(1ç
 b8p37T 3.5 ä as 3 #5qD2.1½ 15ë

18.19. 1h\$Q0pf@bZ# 5d6e)h A6H(Ç
 4b8)5F59s142E7p5b)h
 A6H(1çb8p6)@5h50%
 F7h\$5)h A6H(1çb8
 5ê1q06F56xChZ6p»
 N1h5_5agF7ä

6Ç

19.20.)6Q0MLF!p7440
 7T 3.5 1¾3.7 F!p, 5ê e3)sp»FQ6F,
 5êpÉ
 (i) 7b563M56QÊ

24.25. g°¢ Ё» 26Ї Fp(260)bp.)!š 1@1k bk

Ô 4 2-65

26.27. 600\$ @PI7F5/35/3è
A 4

27-28. w65x!« p02AYT 8.2 F78D 3.5
!<4 21 (N)17@b 35 (N)F\$<4
5/MD5/5»<1&4&13:5/
pF<Bg1qw6F5x!p>QF\$<FPI7

3R0É

> 1p» [p]]p [p
p
p]p 0 ē
p 8 ā a 2 1ōpōp
p
p [p]p
p > ā p ā

1pē

1. [p]F [p][p]p
p

2. āpōp
p

3. 1p 5pōp24p
ā

1pōp 571 p 384
8pōp 5pōp p

31.32. &D\$ _C5/4p15/0 8(ii)Q×(iv)]5pF(p» ; 1q

13

eb- 1 ‡ 3

	g#gF-	7#56Ç
I	YI 3.7 F!«	
	(i) 60)hF0)*6&E× 20p26E17 (ii) F#Z6 (iii) DZ6 (iv) 10 (6)hPNb 1 h\$ %V (v) 60)h0 (6)hPNb 1 h\$ %V ǻ p# p360)h1q# QFPNb F\$ 52Bx0a	
II	YI 3.5 F!«	

- (i))hF(h\$e)h A6±
][1408FbZ6
- (ii) C31h\$C3/bZ6
- (iii) F#Z6
- (iv) DZ6
- (v)

gF-

	g#gF-	7#56Ç
	(ii) F#B6 (iii) D#6 (iv) 156/4 ! 60YI 31.3 # 25 F#B6	
VI	PI7(6#DF!« ‡ 5» #6[‡ P13:F5a._0634	
	(i) F#B6 (ii) F#B6 (iii) D#6	
VII	6#1!5»	
	(i) PI7(6/4 ! 3 60YI 25 F, B#6 (ii) 6Ê 41!F#B6 (iii) 6Ê 41!D#6	

車

၁၆၁

TM

5A

54

 $\partial \hat{E}$

17p

 $\hat{E}$

AP I

63

17p

b

SF

3

२७

⑤

 $\frac{5}{4}a$

0

1è

11€

góc

 $\pm$

4

ÉDÉ3: F05Aä——pÎ

6. 5# 6+P0\$slh\$ErX)F0D FZ—
05Aä——pÎ

7.)7D0ô 1ã—2ã—3ã—4—13Q>6 0570× > 5pp33x
C05Ap#_50\$1h\$@bE3T30%
63xC103F0ã