# CHESS STRATEGY 

A collection of the most beautiful chess problems composed by

'J. B., of Bridport'

and contributed by him to the chief chess periodicals during the last fifteen years.
[1865]

## PREFACE

The history of Chess Problems-a delightful subject, by the way-has yet to be written, and we are uninformed of the extent to which this beautiful off-shoot of the parent game was cultivated in former times. At no period, however, in all probability has the attention of so many Chess Amateurs been devoted either to the production or to the solution of these ingenious puzzles, as in the present day. Chess Problems are now, indeed, a distinct branch of Chess study. This is undoubtedly due in a great measure to the immense impulse given to Chess a few years since, but it is partly owing, also, to the more attractive character of the compositions themselves. The earlier collections of Chess Problems consist largely of positions of the nature of what are called 'End-games,' positions in which, so long as the resemblance to a real game was preserved, little pains were taken to limit the number of moves required to effect the mate. Many of them, again, are of the 'suicidal' kind, and others are clogged by special and perplexing stipulations. By degrees the ingenuities of Chess Problem composers have become limited to a narrower range, 'self-mates,' mates in 250 moves; mates with a particular Pawn, or on a particular square; mates in 'not more and not less' than a specified number of moves, have given way to the easier, but far more useful positions of three, four, or five moves only. Of the Chess Problem in this its latest and most captivating form, many strikingly beautiful examples have appeared of late years in periodicals that devote a column of their space to Chess, and judging from the favourable reception they have met, this henceforth will doubtless be the class of positions permanently and generally in vogue.

Among those who have ministered most ably and bountifully to the popular craving for this description of Chess stratagem, Mr John Brown, or, as he preferred to write himself 'J. B., of Bridport', the author of this collection has long stood pre-eminent.

The productions of this regretted gentleman, who died recently in the prime of manhood, are remarkable for a degree of unvarying excellence, which has never been, perhaps, surpassed. Some of his rivals have composed finer problems than any in these pages, but their genius manifestly ebbed and flowed, while his seems always to have been at height. There is not a single diagram of this composer deficient in point and beauty. He has no feeble or indifferent plots, and he never fritters away his idea in elaborating it into a problem. All is ornate and finished, to a high degree, and are most unlike those ruins of good conceptions sometimes discoverable in meagre pieces of strategy.

The constancy, too, with which he keeps to his high standing, is the more admirable, and the more praiseworthy, from the fact of his uniform accuracy. Composers and examiners of Chess Problems know, all too well, that errors will elude their utmost vigilance, but 'J. B.' subjected his inventions to such rigid scrutiny that scarcely one ever left his hand imperfect.

Another merit in these problems, of a different kind, is their variety. The Author, had, it is true, his favourite combinations, and sometimes fondly returned to the same theme for the purpose of embodying it skilfully in a new composition; but his conceptions are generally as fresh as they are vigorous. As a rule he does not crowd his diagrams, and he rarely gives the defending side a studied superiority of force. In nearly every case the solution is made to hinge on an ingenious coup de repos, branching thence into numerous variations, each of which is itself a skilful enigma. His predilection for combinations of the Queen and Knights, or of Queen, Knight, and Bishop, is well exemplified in Nos. 32, 65, 39, and 47. Among the three-move positions, which form more than two thirds of this collection, there will be found many charming stratagems. Where all are so good, however, it is difficult to make selections. Still, without saying absolutely they are the best, particular attention may be invited to Nos. 51, 66, 71, 92, 98, 113, 122, 125, 130. No, 9 , is one of the most exquisite two-move problems known, and
those who are at the pains to study Nos. 144, 163, and that master-piece, No. 173, will regret that there are not more positions of four, and five moves depth in the book.

A volume of Chess Problems so meritorious as these of Mr Brown carries its own recommendation, and can hardly fail of a welcome wherever the game which it serves so beautifully to illustrate is known. This posthumous collection, has, however, another claim to consideration, and one which will be irresistible to Chess players of generous sympathies. It is published solely for the benefit of the widow and orphans of its estimable Author.

In explanation of the fact that three or four of the diagrams in this volume are repetitions of preceding diagrams, it is proper to mention that many of Mr Brown's Problems were printed in several periodicals, and have been collected bv different hands.

## NOTES TO ELECTRONIC EDITION

This edition is based on the printed edition published by N. Trübner \& Co., London, 1865.

The solutions have been converted to modern algebraic notation, and some of the notes in the original solutions have been moved to the corresponding diagrams.

Only four problems have been found to be seriously faulty: 22, 24, 109, 170. Additionally, diagram 76 has a black pawn on a1, but this is presumably a misprint.

A few duplicated positions have been found: problem 73 is exactly repeated in problem 77 , problem 72 is problem 32 mirrored horizontally, and problem 102 is problem 35 mirrored and translated.

Known sources have been added, in brackets, below the diagrams, but are not necessarily original sources. Any errors or notes added to the solutions are also in brackets.
1.

3.

2.

4.

5.

6.

7.

[Ill. London News, 1863]
8.

[12, Family Herald, 1858-09-04]
9.


Mate in two moves
10.

11.


Mate in three moves
12.

13.


Mate in three moves
14.

15.

16.

17.


Mate in three moves
18.

19.

20.

21.


Mate in three moves
22.

23.

24.


Mate in three moves [*]
25.


Mate in three moves
26.

27.


Mate in three moves
28.

29.


Mate in three moves
31.

[Ill. London News, 1854-04-39]
30.


Mate in three moves
32.

33.

34.

35.

36.

37.


Mate in three moves
[Ill. London News, 1853-06-24]
38.


Mate in three moves
39.

40.

41.


Mate in three moves
42.

43.


Mate in three moves
44.

45.


Mate in three moves
46.

47.


Mate in three moves
[18, Chess Player's Chronicle, 1854]
48.

49.


Mate in three moves
50.

51.


Mate in three moves
[44, Chess Player's Chronicle, 1853]
53.


Mate in three moves
54.

55.

56.



* From the similarity of these positions they were called the Twin Problems.

61. 


62.

63.

64.

65.


Mate in three moves
[Ill. London News, 1862]
66.

67.


Mate in three moves
68.

69.


Mate in three moves
70.


Mate in three moves
71.

72.

[ B.C.A. Tourney, 1862]
73.


Mate in three moves
74.

75.


Mate in three moves
76.

77.


Mate in three moves
78.


Mate in three moves
79.

80.

81.


Mate in three moves
82.

83.


Mate in three moves
84.

85.


Mate in three moves
86.


Mate in three moves
[22, Family Herald, 1858-11-20]
87.

88.

[39, Family Herald, 1859-04-16]
89.


Mate in three moves
90.

91.


Mate in three moves
92.

93.


Mate in three moves

94.


Mate in three moves
96.

97.


Mate in three moves
98.

[787, Ill. London News, 1859]
99.


Mate in three moves
100.

101.


Mate in three moves
103.


Mate in three moves
102.

104.

[Ill. London News, 1856-03-08]
105.


Mate in three moves

106.


Mate in three moves
108.


This problem is an amendment of a Problem by Mr Grimshaw, of Whitby.
109.

110.


Mate in three moves
[ B.C.A. Tourney, 1862]
111.

112.

113.


Mate in three moves
114.

115.


Mate in three moves
116.


This Problem is only another version of No. 50.
117.


Mate in three moves
118.


119.
120.

121.


Mate in three moves
122.

123.

124.

125.


Mate in three moves
126.


Mate in three moves
[Ill. London News, 1855-04-21]
127.

128.

129.


Mate in three moves
130.

131.


Mate in three moves
[658, Schachzeitung 1855:3]
132.


A repetiton only of No. 39.
133.


Mate in four moves
134.


Mate in four moves
135.


Mate in four moves
136.


Mate in four moves
137.

138.

139.

140.

141.


Mate in four moves
142.


Mate in four moves
143.


Mate in four moves
[3, Chess Player's Chronicle, 1854]
144.

145.


Mate in four moves
146.

147.

148.

149.


Mate in four moves
150.


Mate in four moves
151.


Mate in four moves
152.


This is only another repetition of No. 149.
153.


Mate in four moves
154.

155.

156.


A variation on No. 153.
157.


Mate in four moves
158.


Mate in four moves
A variation on No. 143.
159.


Mate in four moves
160.

161.

162.

163.

164.

165.


Mate in four moves
166.


Mate in four moves
[ B.C.A. Tourney, 1862]
167.

168.

169.

170.

171.

172.

173.


Mate in five moves
174.


Mate in five moves

## SOLUTIONS

| 1. | 1．Qe7，～ | 2． $\mathrm{Q} / \mathrm{B} \ddagger$ |
| :---: | :---: | :---: |
| 2. | 1． $\mathrm{Qe} 7, \mathrm{R} \times \mathrm{a} 3$ | 2． $\mathrm{Q} \times \mathrm{b} 4$ \＃ |
|  | 1．．．． $\mathrm{a6} / \mathrm{a} 5$ | 2．Qa7 $\ddagger$ |
|  | 1．．．．Rc4 | 2． $\mathrm{Sb}_{5} \ddagger$ |
|  | 1．．．． $\mathrm{f}_{5} / \mathrm{S} \sim$ | 2． B 甲 |
| 3. | 1．Rc6，～ | 2． $\mathrm{R} / \mathrm{B} / \mathrm{S}$ キ |
| 4. | 1．Qa4， $\mathrm{e} \times \mathrm{d} 5 / \mathrm{Kb6}$ 2．Sd |  |
|  | 1．．．．～ | 2． $\mathrm{Q} / \mathrm{S} / \mathrm{B}$ † |
| 5. | 1．Sg5，～ | 2． $\mathrm{B} / \mathrm{S}$ 中 |
| 6. | 1．Rd6，～ | 2． $\mathrm{R} / \mathrm{B} / \mathrm{S} / \mathrm{P}$ キ |
| 7. | 1．Qgı，～ | 2． $\mathrm{Q} / \mathrm{B}$ † |
| 8. | 1．Se6，～ | 2． $\mathrm{R} / \mathrm{B} / \mathrm{S}$ 甲 |
| 9. | 1． $\mathrm{Bf}_{4}, \mathrm{~K} \times \mathrm{f}_{4}$ | 2． $\mathrm{Rf}_{3} \ddagger$ |
|  | 1．．．．Ke6 | 2． $\mathrm{S} \times \mathrm{d} 4$ キ |
|  | 1．．．． $\mathrm{R} \times \mathrm{f}_{4}$ | 2．Re5 $\ddagger$ |
|  | 1．．．．R～ | 2． Q † |

There are many other beautiful variations， but with a like result．
10．1． $\mathrm{Sf}_{4}, \mathrm{Kg}_{4}$
2．Rh5，K×f4
3．Rh4 $\ddagger$
11．1． $\mathrm{g}_{3}, \mathrm{Kd}_{3}$
2． $\mathrm{Rb} 5, \mathrm{~K} \sim$
3． $\mathrm{R} / \mathrm{B} \mp$
12．1． $\mathrm{Rc} 2 \dagger, \mathrm{Kd}_{3}$
2．Qh2，～
3． Q キ
13．1．Bb2，b3
2． $\mathrm{Rc} 3, \mathrm{Ke}_{5}$
3．Rc5 $\ddagger$
14．1．Rc5，Kd4／e6
2． $\operatorname{Rc} 6(\dagger), \sim$
3． R 甲
1．．．．Ke3
2．Rc2 $\dagger, \mathrm{Ke} 4$
3．Re2 $\ddagger$
15.
1．Rf7／Rf8，Kd3
2．Rfi，～
3． $\mathrm{B} \ddagger$
16.

1．Qd8，Sb6
2．Be5，～
3． $\mathrm{Q} / \mathrm{B}$ †
17.

1． $\mathrm{Sb} 4, \mathrm{Bd} 6$
2．Qfi，～
3． Q キ
18.

1．Qh3，B $\times h_{4}$
2．Qe6，～
3． $\mathrm{Q} / \mathrm{B}$ †


43．1． $\mathrm{Be}_{7}$ ， $\mathrm{Kc} 4 \quad$ 2． $\mathrm{Sb} 3, \mathrm{~d} 4 \quad$ 3． $\mathrm{S} \neq$
44．1．Rb1，c5
2． $\mathrm{Rg}_{1}$～3． $\mathrm{Rg}_{4} \ddagger$
1．．．．Kd4
2．Rc1，～
3．Rc4 $\ddagger$
45．1．Rfb5，K～
2． $\mathrm{Rb} 7{ }_{7}, \mathrm{~K} \sim$
3． $\mathrm{R} / \mathrm{S}$ 甲
1．．．．Re2
2．R×a7，～ 3．$R / S \neq$

46．1．Ra1，K～
2． $\mathrm{Bc} 6(\dagger), \mathrm{K} \sim$
3． R †
47．1． $\mathrm{Sb} 4, \mathrm{~K} \sim / \mathrm{Bb} 22$.
． $\mathrm{Bd} 6(\dagger)$, ～
3． $\mathrm{Q} / \mathrm{S}$ †
1．．．．Bc3
2．Sa6，～
3．Be5 ${ }^{\dagger}$
1．．．．b2
2．Qc2，b1
3．Sc6 $\ddagger$
48．1． $\mathrm{Be}_{1}, \mathrm{Bb}_{4}$
2． $\mathrm{R} \times \mathrm{C} 3$ ，～
3． $\mathrm{R} / \mathrm{B} \neq$ If 1．．．．Bb2，White plays 2．Bf2 and mates next move．
49.
1．Qb8，Kf5
2． $\mathrm{Qe} 8, \mathrm{Kg} 5$
3．Qh5 $\ddagger$
1．．．． $\mathrm{Kf}_{7}$
2．Qg8 $\dagger, \mathrm{Ke}_{7}$
3．Qe8キ

50．1．Sg4†，Kf $\quad$ 2．Qe4 $\dagger, \mathrm{K}_{5} \times 4 / \mathrm{B} \times \mathrm{e}_{4} \quad$ 3． $\mathrm{B} \neq$
51．1．Re7†， $\mathrm{Kd}_{5}$
2． $\mathrm{Re}_{4}$ ，～
3．$R / B / S$ 甲
52．1．Bd $6 \dagger$ ， $\mathrm{K} \times \mathrm{d} 6$
2． d 4, ～
3． R †
53．1． $\mathrm{S} \times \mathrm{d} 7 \dagger, \mathrm{Kd} 5$
2．Bc5，～
3． $\mathrm{R} / \mathrm{B} / \mathrm{S}$ 甲
54．1．Sc5，Qdı
2． $\mathrm{Qe} 4 \dagger, \mathrm{~S} \times 4$
3． $\mathrm{Sd} 7 \neq$
1．．．．Qg6
2． $\mathrm{Q} \times \mathrm{g} 6$ ，b1
3．$S$ 甲
55．1．Sb6 $\dagger$ ，Ка5
2．Rb3，～
3． $\mathrm{S} \ddagger$
56．1． $\mathrm{Bg}_{4}, \sim$
2．Qc3 $\dagger, \sim$
3．$B / S$ 中
57．1．Qf3，～
2．$S(x) f 6(\dagger)$ ，～
3． Q 中
58．1． $\mathrm{S} \times \mathrm{g} 5, \mathrm{f}_{5}$
2． $\mathrm{Qg} 1, \mathrm{~K} \sim / \mathrm{f}_{4}$
3． $\mathrm{Q} / \mathrm{B}$ †
59．1．Sc3，Bb1
2．Sa4，～
3． $\mathrm{R} / \mathrm{B} / \mathrm{S} \mp$
1．．．．Kc4
2． $\mathrm{Se} 2 \dagger, \mathrm{~Kb} 3$
3．Sc1 $\ddagger$
1．．．． $\mathrm{d}_{5}$
2．Sa4，～
3．$R / S$ 甲
60．1．Sd1，Kd2
2．Sc3，K～
3． $\mathrm{R} / \mathrm{B} \ddagger$
1．．．．Kbl
2．Rf2，Ka2
3． $\mathrm{Sc} 3 \neq$

| 61. | 1． $\mathrm{Bd}_{5}, \mathrm{~K} \sim$ | 2． $\mathrm{Sf}_{3}(\dagger), \mathrm{K} \sim$ | 3． $\mathrm{Q} / \mathrm{B}$ † |
| :---: | :---: | :---: | :---: |
| 62. | 1．Qf3，～ | 2．$S(\times) \mathrm{f6}$ ， | 3． Q 中 |
| 63. | 1．Bb7，c6 | 2． $\mathrm{R} \times \mathrm{c} 6$ ， | 3． $\mathrm{R} / \mathrm{B}$ † |
|  | 1．．．． $\mathrm{e} \times \mathrm{d} 4$ | 2． $\mathrm{B} \times \mathrm{d} 5 \dagger$ ， $\mathrm{Ke}_{5}$ | 3．Bh2 $\ddagger$ |
| 64. | 1．Rg8， $\mathrm{Kg}_{4} / \mathrm{Kg} 5$ | 2．Sh5 $\dagger, K \times S$ | 3． 94 ¢ |
| 65. | 1．d6，e5 | 2．Qa7，～ | 3． Q キ |
|  | 1．．．． $\mathrm{Ke}_{5}$ | 2．Qci，K～ | 3． Q キ |
|  | If $1 . \ldots \mathrm{Kf}_{4}$ ，Whit move． | e plays 2．Qc5， | nd mates |


| 66. | 1． $\mathrm{Se} 4, \mathrm{~S} \times \mathrm{e}_{4}$ | 2． $\mathrm{Sd} 3 \dagger$ ， | 3．R／S $\ddagger$ |
| :---: | :---: | :---: | :---: |
|  | 1．．．．R×c6 | 2． $\mathrm{Sd} 3 \dagger$ ，K～ | 3． S 甲 |
|  | 1．．．． $\mathrm{Sf}_{5}$ | 2． $\mathrm{S} \times \mathrm{c} 3$ ， | 3． $\mathrm{R} / \mathrm{S}$ † |
| 67. | 1． $\mathrm{Sb}_{5} \dagger$ ，K $\sim$ | 2． $\operatorname{Sd} 7(\dagger)$ ， | 3．R／B／S $\ddagger$ |
| 68. | 1． $\mathrm{Se}_{3}, \mathrm{Kd} 2$ | 2．Qfi，～ | 3．B／S $\ddagger$ |
|  | 1．．．． Kd 3 | 2．Bc1，Kc3 | 3． $\mathrm{Q} \times \mathrm{c} 4 \ddagger$ |
| 69. | 1． $\mathrm{Sb}_{7}, \mathrm{~K} \times \mathrm{d} 7$ | 2． $\mathrm{R} \times \mathrm{f} 7 \dagger$ ， $\mathrm{Ke8} / \mathrm{Ke} 6 / \mathrm{Kc} 8 / \mathrm{Kc} 6$ |  |
|  |  |  | 3．S $\ddagger$ |
|  | 1．．．．Bf8 | 2．Sc5，～ | 3．d8Q $\ddagger$ |
| 70. | 1．Be8， $\mathrm{Kf}_{3} / \mathrm{Kfl}$ | 2． $\mathrm{Bh}_{5}, \mathrm{~K} \sim$ | 3．Rg1 $\ddagger$ |
|  | 1．．．．Ke1 | 2． $\mathrm{Rg} 1+$ ， Ke 2 | 3．Bh5 $\ddagger$ |
|  | 1．．．．K $\times \mathrm{d} 1$ | 2． $\mathrm{Re} 4, \mathrm{Kc} 1$ | 3．Rel $\ddagger$ |
| 71. | 1． $\mathrm{Sd} 4, \mathrm{Be}_{5}$ | 2． $\mathrm{Q} \times \mathrm{g} 5, \mathrm{Kd} 6 / \mathrm{K} \times \mathrm{d} 44$ 3． Q キ |  |
|  | 1．．．．Bd6 | 2．Sc6，～ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
|  | 1．．．． g 4 | 2．Se2，～ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
| 72. | 1．Qc2，Be4 | 2． $\mathrm{Qb} 2 \dagger, \mathrm{~K} \times \mathrm{S}$ | 3． S 甲 |
|  | 1．．．．Bfi | 2．Sc5，～ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
|  | 1．．．． $\mathrm{b}_{5}$ | 2．Sde5，～ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
| 73. | 1．Sc3，Re5 | 2． $\mathrm{Re} 4 \dagger$ ，R×e4 | 3． $\mathrm{S} \times \mathrm{d} 5 \ddagger$ |
|  | 1．．．． $\mathrm{Sec}_{7}$ | 2． $\mathrm{S} \times \mathrm{e} 7$ ， | 3．R／S $\ddagger$ |
|  | 1．．．．Sb6 | 2．B×e2，～ | 3．R／S $\ddagger$ |
|  | 1．．．． $\mathrm{S} \times \mathrm{c} 3$ | 2． Sb 4 ，～ | 3． S 甲 |
| 74. | 1． $\mathrm{Bd} 5, \mathrm{Kd} 4$ | 2． $\mathrm{R} \times \mathrm{d} 7$ ，K～ | 3． B † |
| 75. | 1．Sc4，B $\times$ c4 | 2．d4，～ | 3． S 甲 |
|  | 1．．．．Sd6 | 2．Sf6 $\dagger, \mathrm{K} \times \mathrm{c} 4$ | 3． $\mathrm{B} \mathrm{\times e6} \ddagger$ |
|  | 1．．．．S4g5 | 2．S～e3 $\dagger, \mathrm{Ke}_{4}$ | 3．Bg6 $\ddagger$ |
| 76. | 1． $\mathrm{S} \times \mathrm{g} 4, \mathrm{Be} 4$ | 2．Qh2 $\dagger, \mathrm{K} \times \mathrm{S}$ | 3． S 甲 |
|  | 1．．．． $\mathrm{B} \times \mathrm{g} 4$ | 2．Sg5，～ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
|  | 1．．．．Seı | 2． $\mathrm{B} \times \mathrm{e}^{+} \dagger$ ， $\mathrm{Ke}_{4}$ | 3．S×e1キ |
|  | ［ note：pawn on al in original ］ |  |  |
| 77. | 1．Sc3，Re5 | 2． $\mathrm{Re} 4 \dagger$ ，R×e4 | 3． $\mathrm{S} \times \mathrm{d} 5 \neq$ |
|  | 1．．．． $\mathrm{S} \times \mathrm{c} 3$ | 2． $\mathrm{Sb}_{4}$ ， | 3． S 甲 |
|  | 1．．．．Sb6 | 2．B×e2，～ | 3．R／S $\ddagger$ |
|  | 1．．．．Sec7 | 2． $\mathrm{S} \times \mathrm{e} 7$ ， | 3．R／S $\ddagger$ |
| 78. | 1．Bc7，Bf8 | 2． $\mathrm{K} \times \mathrm{f8}, \mathrm{Kd} 7$ | 3．Rc5 $\ddagger$ |
|  | 1．．．． $\mathrm{Bh}_{4}$ | 2． $\mathrm{Rg} 5 \dagger$ ，Kf6 | 3．Bd8 $\ddagger$ |
| 79. | 1．Se8，Kd2 | 2．Sd6， $\mathrm{Kc} 3 / \mathrm{Ke} 3$ 3． S † |  |
| 80. | 1．Sf8，～ | 2．Se6，～ | 3． S 甲 |

81. 

1．Qd8，d×e5＊
2．Se1，～
3． Q 中
＊Black has a variety of defences，but the mate will still be effected in three moves．
82.
1．Sb5，c5
2． $\mathrm{S} \times \mathrm{d} 4$ ，～
3． $\mathrm{B} / \mathrm{S} / \mathrm{P} \neq$
1．．．．Rd7
2．Sa7，～
3． $\mathrm{B} / \mathrm{S} / \mathrm{P}$ キ
83.

1． $\mathrm{Bg}_{3}, \mathrm{~Kb} 4$
2． $\mathrm{Bh} 4, \mathrm{~K} \sim$
3． B キ
84.

1． $\mathrm{Bd} 5, \mathrm{Kc} 5$
2． $\mathrm{Bc} 7, \mathrm{~K} \sim$
3． B キ
1．．．．Ke3
2．Bg2，K～
3． $\mathrm{R} / \mathrm{B}$ キ
85.

1． $\mathrm{Bb} 4, \mathrm{c} 5$
2．Qe4，～
3． Q 中
86.

1．Rf6，Kd4
2． $\mathrm{Bf}_{3}, \mathrm{~K} \sim$
3． $\mathrm{R} / \mathrm{B} \neq$
1．．．．Ke2
2．Bd2，b4
3．Bc4キ
87.

1． $\mathrm{Sf} 2, \mathrm{Kd} 5$
2． $\mathrm{Sd} 3, \mathrm{Kc} 4$
3．Be6 $\ddagger$
88.

1．Sg6，f $\times \mathrm{e} 6$
2． $\mathrm{Sgf}_{4} \dagger$ ，Kf8
3． $\mathrm{S} \times \mathrm{e}$ 千 キ
89.

1．c3， $\mathrm{S} \times \mathrm{d} 3$
2．Sh3，～
3．$S$ キ
1．．．． $\mathrm{Sb}_{7} \dagger$
2． $\mathrm{Ke}_{7}$ ，～
3．Re3 $\ddagger$
90.

1．Sgı，Ke6
2．Sh3，～
3． $\mathrm{S} / \mathrm{B}$ キ
91．1．Sg2，Kb2
2． $\mathrm{Se}_{3}$～
3． $\mathrm{S} / \mathrm{B}$ 中
92.

1． $\mathrm{Sf}_{5}, \mathrm{Bh} 4$
2．$S \times e 3$ ，～
3． $\mathrm{R} / \mathrm{B} / \mathrm{S}$ キ
1．．．．Sg4
2．Sg7，～
3． $\mathrm{R} / \mathrm{S}$ キ
1．．．．Sdı
2．Sh6，～
3． R 申
93.
1．Qdi，Kd5
2．Qg4，K×d6
3．Qd7 7
1．．．． $\mathrm{Kf}_{5}$
2．Qg4 $\dagger$ ，Kf6
3．Qg6 $\ddagger$
94.
1．Se6，～
2．Sc5，～
3． S キ
95.

1． $\mathrm{R} \times \mathrm{d}_{5} \dagger, \mathrm{~K} \times \mathrm{d} 5$
2．Bf6，～
3． Q 中
1．．．． $\mathrm{S} \times \mathrm{d} 5$
2． $\mathrm{Bd} 4 \dagger, \mathrm{~K} \times \mathrm{d}_{4}$
3．Rc4キ
1．．．．$\sim \times \mathrm{d} 5$
2． $\mathrm{Bd} 4 \dagger, \mathrm{~K} \times \mathrm{d} 4$
3．Qe3 $\ddagger$
96.
1．Bb8，d5
2．Rc7，Ke5
3．Rc4 $\ddagger$
1．．．． $\mathrm{Ke}_{5}$
2．Rdi，Kf 4
3． $\mathrm{B} \times \mathrm{d} 6 \mp$
1．．．． $\mathrm{Kd}_{5}$
2．Ke3， $\mathrm{Ke}_{5}$
3．Rc5 $\ddagger$
97.
1． $\mathrm{Sf}_{3} \dagger$ ， Kd 5
2．Re4，～
3． $\mathrm{R} / \mathrm{B} / \mathrm{S}$ 中
98.

1．Qg3，Be1
2．Qb8，～
3．Qg8／Qb5 $\ddagger$
1．．．．Bd2＊
2．Qb8，～
3．Qg8／Qb5 $\ddagger$
＊Black can vary the defense［Ba5］but the result will be the same．
99.
1．Qe7 $\dagger$ ， $\mathrm{K} \times \mathrm{d} 4$
2．Sa3，～
3． $\mathrm{Q} / \mathrm{B} / \mathrm{S}$ 中

There are six different modes of mate，according to Black＇s play．
1．．．． $\mathrm{K} \times \mathrm{c} 4$
2．Qc7†，K～
3．Qc3 $\ddagger$

| 100. | 1．Qg1， $\mathrm{d}_{5}$ | 2． $\mathrm{Qg7}$ ，～ | 3． Q † |
| :---: | :---: | :---: | :---: |
|  | 1．．．．Kd5 | 2． $\mathrm{Qg}_{4}, \mathrm{Kc} 5$ | 3． $\mathrm{Qd} 4 \uparrow$ |
|  | 1．．．．Kc4 | 2．Qdı，～ | 3．$\ddagger$ |
| 101. | 1． $\mathrm{Bg}_{7}, \mathrm{Kc} 5$ | 2．Bh6，K～ | 3． B † |
| 102. | 1．Qa4， $\mathrm{Ke}_{4}$ | 2．Qdı，Kf 4 | 3． $\mathrm{Qg}_{4} \ddagger$ |
|  | 1．．．．Ke2 | 2．Qdı $\dagger$ ，Kf2 | 3．Sf5／Sfı |
| 103. | 1．Bg8，Sf8 | 2．Re6，S×e6 | 3．Bh7 $\ddagger$ |
|  |  | 2．．．．Sg6 | 3． $\mathrm{S} \ddagger$ |
| 104. | 1．Rh4，b4 | 2． $\mathrm{Sd}_{5} \dagger$ ， | 3． $\mathrm{R} / \mathrm{S}$ † |
|  | 1．．．． $\mathrm{R} \times \mathrm{f} 4$ | 2． $\mathrm{Rh} 3 \dagger$ ，Rf3 | 3． $\mathrm{R} \times \mathrm{f} 3$ $\ddagger$ |
| 105. | 1．Rf6 $\dagger, \mathrm{Kd} 5$ | 2．Rfe6， $\mathrm{Q} \times \mathrm{e} 4$ | 3．Rd6 $\ddagger$ |
|  |  | 2．．．． $\mathrm{S} \times \mathrm{c} 4$ | 3． $\mathrm{b} \times \mathrm{c} 4$ † |
|  |  | 2．．．． $\mathrm{S} \times \mathrm{b} 3$ | 3． $\mathrm{S} \times \mathrm{b} 6 \neq$ |
|  |  | 2．．．． $\mathrm{Be} 3 \dagger$ | 3． $\mathrm{S} \mathrm{\times e}$ ¢ $\ddagger$ |
|  |  | 2．．．．Rc6 | 3．R6e5キ |
|  | 1．．．． Kd 7 | 2．Rd6 $\dagger$ ，Kc8 | 3．Re8キ |
| 106. | 1．Be6，Kd3 | 2． $\mathrm{Bd}_{4}$ ，～ | 3． キ |
| 107. | 1．Qc4， $\mathrm{Kf}_{4}$ | 2． $\mathrm{S} \times \mathrm{f} 3, \mathrm{~K} \times \mathrm{S}$ | 3． Q キ |
|  | 1．．．．e3 | 2．Qe6，～ | 3． Q キ |
| 108. | 1． $\mathrm{Qg} 3 \dagger$＋ $\mathrm{K} \times \mathrm{d} 4$ | 2．Sc7，～ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
|  | 1．．．． $\mathrm{K} \times \mathrm{d} 5$ | 2． $\mathrm{Qg} 5_{5}$ ，K $\sim$ | 3．Qc5 $\ddagger$ |
| 109. | 1．Sh6，Kc4 | 2．Sf7，～ | 3． S † |
|  | 1．．．．Bc4 | 2． $\mathrm{Sg}_{4}$ ， | 3． S 甲 |
|  | ［1．Se7！］ |  |  |
| 110. | 1． $\mathrm{Bg} 3, \mathrm{Rf}_{7}$ | 2． $\mathrm{Sf}_{4} \dagger$ ， $\mathrm{K} \sim$ | 3． $\mathrm{R} / \mathrm{S}$ 甲 |
|  | 1．．．．b3 | 2． $\mathrm{Sf} 4 \dagger$ ，Kc3 | 3．Beıキ |
|  | 1．．．．Kc5 | 2．Sc7，～ | 3．Sa6 $\ddagger$ |
| 111. | 1．Sf5．K×d5 | 2．Rb5 $\dagger, \mathrm{K} \sim$ | 3． S 中 |
|  | 1．．．．～ | 2． $\mathrm{S}(\times) \mathrm{e} 3$ ，～ | 3． $\mathrm{Sd} 3 \neq$ |
| 112. | 1．Ba6， $\mathrm{Kd}_{5}$ | 2．Rc4，S～ | 3． $\mathrm{R} / \mathrm{B}$ キ |
| 113. | 1．Qcı，Be3 $\dagger$ | 2． $\mathrm{Q} \times \mathrm{e} 3 \dagger$ ， $\mathrm{S} \times \mathrm{e} 3$ | 3．Sf6 $\ddagger$ |
|  | 1．．．． $\mathrm{Bb} 6 / \mathrm{Ra} 5$ | 2． $\mathrm{Sfe}_{5} \dagger$ ， Kd 4 | 3． $\mathrm{S} \times \mathrm{c} 6$ ¢ |
|  | 1．．．． Bb 3 | 2．Sd2 $\dagger, \mathrm{Kd} 4$ | 3． $\mathrm{Sx} \times 3 \ddagger$ |
|  | 1．．．． $\mathrm{Bb}_{1} / \mathrm{b} 3$ | 2．Qc4 $\dagger, \mathrm{Bd} 4$ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
|  | 1．．．．Bc5 | 2． $\mathrm{Q} \times \mathrm{C} 5, \sim$ | 3． $\mathrm{Q} / \mathrm{S}$ キ |
| 114. | 1．Qc8，Ke5 | 2．Qcı，K～ | 3． Q † |
|  | 1．．．． $\mathrm{Kf}_{4}$ | 2．Qc5，～ | 3．Qf2才 |
|  | 1．．．．Kg6 | 2． $\mathrm{Qg} 8+$ ，K～ | 3． Q † |
| 115. | 1． $\mathrm{Sg}_{7}, \mathrm{Kd} 5$ | 2．Se8，K～ | 3．B／S $\ddagger$ |

116．1． $\mathrm{Sb} 4 \dagger$ ， $\mathrm{Kc} 5 \quad$ 2． $\mathrm{Qd} 4 \dagger, \mathrm{~K} \times \mathrm{d} 4 / \mathrm{B} \times \mathrm{d} 4 \quad$ 3． $\mathrm{B} \neq$
117．1． $\mathrm{Bb} 1, \mathrm{Se}_{5} \dagger$
2．K $\times$ h3，～
3． $\mathrm{S} / \mathrm{R} / \mathrm{B} \mp$
1．．．．Sd2
2．B×g6，～
3．R／S $\ddagger$
118．1．Bh3 $\dagger$ ，Kc4
2．$R \times b 5, K \times R / B \times R$ 3． B †
119．1．Sed6， $\mathrm{Bc}_{7} / \mathrm{Ba} 7$ 2． $\mathrm{Sb}_{7}$ ，～3． S キ
1．．．． $\mathrm{S} \sim$
2．Sf5，～
3．S $\ddagger$

120．1．Sd3，Sc6
2． $\mathrm{Sb} 2, \mathrm{~S} \times \mathrm{b} 4$
3．Be5 $\ddagger$
1．．．． Bg 3
2．Scı，～
3．$\ddagger$
121．1．Qf7，Rc1
2．Sc6，～
3． $\mathrm{Q} / \mathrm{R}$ 中
1．．．．Kc5
2．Sc6 $\dagger$ ，K～
3． $\mathrm{Qd}_{5} \boldsymbol{}$
122．1．Qe3， $\mathrm{S} \times \mathrm{e} 3$
2．Rd $6 \dagger$ ，K×e4
3． $\mathrm{Bd} 3 \neq$
1．．．．B×g6
2．Qd3†，Ke6
3．Qd7キ
1．．．．Re6
2．Qd3 $\dagger$ ，Ke5
3．Rg5 $\ddagger$
1．．．．Rf5／Rh5
2． $\mathrm{Sc} 3 \dagger, \mathrm{~S} \times \mathrm{c} 3$
3．Bc6 $\ddagger$
123．1． $\mathrm{R} \times \mathrm{d} 6$ ，～
2．Rd8 $\dagger$ ，～
3． B キ
124．1．Qa1， $\mathrm{Kf}_{4}$
2．Qa6，K～
3． Q キ
125．1．Sa6，Ke5 2．Sc5，K to any of the four squares at command 3．S／B $\ddagger$
126．1．Se6，Bcı
2． $\mathrm{Sd}_{4}$ ，～
3． $\mathrm{R} / \mathrm{S}$ 甲
1．．．．d×e6 $\dagger$
2．Kc4，～
3．$\ddagger$
127.
1． $\mathrm{Sb} 2, \mathrm{Kd} 5$
2．Sa4，K～
3． $\mathrm{B} / \mathrm{S}$ キ
128．1． $\mathrm{Bg}_{4}, \mathrm{Se}_{4}$
2．Be6，S $\times \mathrm{g} 3$
3． $\mathrm{Kd} 4 \mp$
1．．．． $\mathrm{Sf}_{5}$
2． $\mathrm{B} \times \mathrm{f}_{5}$ ，～
3． キ
129.
1．Bc3， Kd 5
2．Be5，～
3． $\mathrm{Q} / \mathrm{R} / \mathrm{B}$ †

1．．．． $\mathrm{R} \times \mathrm{g}_{4} / \mathrm{K} \times \mathrm{c}_{3} / \mathrm{Se}_{7}$
2． $\operatorname{Be} 6(\dagger), \mathrm{B} / \mathrm{K} \sim 3 . \mathrm{Q} \neq$
130.
1． $\mathrm{C} 5, \mathrm{R} \times \mathrm{C} 5$
2． $\mathrm{Bf}_{5} \dagger$ ，～
3． Q †
1．．．．Be3
2．Qe2，～
3． Q †
131．1．Sc5，K×e5 2．Rg5 $\dagger$ ，K～$\quad$ 3． S キ
1．．．． $\mathrm{Kf}_{4} / \mathrm{c} \times \mathrm{d} 2 / \times 2 \quad$ 2． $\mathrm{Sd} 3(\dagger), \mathrm{K} \sim 3 . \mathrm{e} 4 \neq$
［2．．．． $\mathrm{d}_{1} / \mathrm{cl}$ ］
132．1．Qa7，$\sim$ 2． $\operatorname{Se} 6(\dagger)$ ，～ $3 . \mathrm{Q} / \mathrm{B} \neq$

| 133. | 1．Rb2，K～ | 2． $\mathrm{Bg} 3(\dagger), \mathrm{Kd} 4$ | 3．Bd6，K～ | 4．B $\ddagger$ |
| :---: | :---: | :---: | :---: | :---: |
| 134. | 1． $\mathrm{Ba}_{3}, \mathrm{f}_{4}$ | 2． $\mathrm{g}_{4}, \mathrm{f} 3$ | 3． $\mathrm{Bc} 1, \mathrm{Kf}_{4}$ | 4． $\mathrm{Rd} 4 \neq$ |
| 135. | 1．Sdı，e4 | 2．Sc3，～ | 3．Se2／S×e4，～ | 4． S キ |
| 136. | 1． $\mathrm{Bg}_{7}, \mathrm{c} 3$ | 2．d4，c2 | 3．Bh6，c1 | 4． $\mathrm{Sg} 7_{7}$ |
| 137. | 1．Ra5，b5 | 2． $\mathrm{Ra}_{7}, \mathrm{Kd}_{4}$ | 3． $\mathrm{Rf}_{7}, \mathrm{~b}_{4} / \mathrm{K} \sim$ | 4． $\mathrm{Rf}_{4} \ddagger$ |
|  |  | 2．．．．b4 | 3． $\mathrm{Rb} 7, \mathrm{~b}_{3} / \mathrm{Kd} 4$ | 4． $\mathrm{R}(\times) \mathrm{b} 4$ \＃ |

138．1． $\mathrm{B} \times \mathrm{g} 7, \mathrm{Kf}$
2．Kf3，f6
3． $\mathrm{Ke} 3, \mathrm{Ke}_{5}$
4．Rg5 $\ddagger$
1．．．．f6
1．．．． f 5
2．Bh8，f5
3． $\mathrm{Rg} 7, \mathrm{Ke}_{5}$
4． $\mathrm{Rg}_{4}$ †
2．Kdı，Ke3
3．Rfi，～
4．Rf3 $\ddagger$
139．1．Kb8，Ka6
2．Sc8，Kb5
3． $\mathrm{Bc} 2, \mathrm{~K} \sim$
4．B／S $\ddagger$
140．1．Kh2，Kf2
2． $\mathrm{e} 4, \mathrm{Kf}_{3}$
3． $\mathrm{Be} 3, \mathrm{Kg}_{4}$
4．Вe2申
141．1．Bf $4, \mathrm{~h}_{5}$
2．Bh6，Ke5
3．Bd2，K～
4．$B / S$ 甲
142．1．h4，e3
2． $\mathrm{B} \times \mathrm{e} 3, \mathrm{Kg} 7$
3．Bg8，K～
4．$B$ †
2．．．． $\mathrm{Ke}_{5}$
3． $\mathrm{Bd}_{5}$ ，Kf6
4． $\operatorname{Bd} 4 \neq$
143．1．Be8，～
2．Se5，～
3． $\mathrm{Sd} 3 \dagger$ ，$\sim$
4．$B / S$ キ
144．1．Bf7，f5
2．Be6， $\mathrm{f}_{4}$
3．Rg2，～
4．$B / R \neq$
1．．．．e6
2． $\mathrm{Be} 8, \mathrm{Kd} 5$
3． $\mathrm{R} \times \mathrm{f6}$ ，～
4． $\mathrm{Bc} 6 \neq$
1．．．．e5
2． $\mathrm{Be} 8, \mathrm{Kd}_{5}$
3． $\mathrm{R} \times \mathrm{f} 6, \mathrm{Ke}_{4} / \mathrm{e}_{4}$
4．$B / R$ キ
145．1． $\mathrm{Se}_{4}, \mathrm{Kd}_{5}$
2．e3， $\mathrm{d} \times \mathrm{e} 3$
3． $\mathrm{f} 4, \mathrm{Kd}_{4} / \mathrm{e} 2$
4．Rd6 $\ddagger$
146．1．Bfi，Se $6 \dagger$
2．Kc8，S～
3． $\mathrm{Bg} 2 \dagger / \mathrm{Bc} 4, \sim 4 . \mathrm{B} \neq$
147．1．Rd6，b5
2． $\mathrm{Rb} 6, \mathrm{Kd}_{4}$
3．Bb4，～
4．$R / B$ †
148．1． $\mathrm{Sc} \times \mathrm{d}_{5} \dagger$ ， Rd 4
2．Rf6，S×f6
3．Sb6，～
4． S 中
2．．．．Sh $2 \dagger$
3．Ke2，～
4．Re6 $\ddagger$
149．1． $\mathrm{Sd}_{5} \dagger$ ， Kd 4
2． $\mathrm{R} \times \mathrm{d} 6, \mathrm{Sc} 1$
3． Bb 4 ，～
4． S 甲
2．．．．Sc3
3． $\mathrm{Sc}_{7} \dagger$ ， Sd 5
4． $\mathrm{Sb}_{5} \ddagger$
2．．．．b5／b6
3． $\mathrm{Sb} 4 \dagger$ ，K～
4． $\mathrm{Rd}_{3} / \mathrm{Rd}_{5} \ddagger$
150．1．Bf5，Kf2
2． $\mathrm{Kf}_{4}, \mathrm{Ke} 2$
3．Kg3，Ke3／Ba2 4．Re1 $\ddagger$
2．．．．Kg2
3． $\mathrm{Ke} 3, \mathrm{Kg} 3 / \mathrm{Ba} 2$ 4． $\mathrm{Rg} 1 \neq$
1．．．．Ba2
2． $\mathrm{Kf}_{4}, \mathrm{Kf}_{2}$
3． $\mathrm{R} \times \mathrm{c} 2 \dagger$ ， Kf 1
4．$B$ キ
151．1．Sd3，Kc6
2． $\mathrm{Bd} 8, \mathrm{Kd} 7$
3．Bb6，Kc6
4．Se5 $\ddagger$
152．1． $\mathrm{Sd}_{5} \dagger, \mathrm{Kd} 4$
2．Rd6，Sc3
3． $\mathrm{Sc}_{7} \dagger, \mathrm{Sd}_{5}$
4． $\mathrm{Sb}_{5} \neq$
1．．．．Kb5
2．Rb6 $\dagger$ ， Ka 5
3．Bd6，S～
4． $\mathrm{B} \ddagger$
［ 2．$S c 7 \neq!$ ］
153．1． $\mathrm{Bf}_{4}, \mathrm{a}_{4}$
2．Bd6，d3
3． $\mathrm{Sb} 5, \mathrm{~K} \times \mathrm{c} 4$
4．Be6 $\ddagger$
3．．．． $\mathrm{P} \sim$
4． $\mathrm{Se} 3 \neq$
154．1．Bb4，b5
2． $\mathrm{Kc} 2, \mathrm{Kd} 4$
3． $\mathrm{Bf} 3, \mathrm{~K} \sim$
4． $\mathrm{R} / \mathrm{B}$ †
2．．．．Ke2
3．Bd2，b4
4．Bc4 $\ddagger$
155．1．Bc4，h4
2．Be6，e3
3． $\mathrm{Sg} 5, \sim$
4．$B / S$ 甲
156．1． $\mathrm{Rg}_{4}, \mathrm{Sb}_{7}$
2． $\mathrm{Ra} 4, \mathrm{~Kb} 8$
3．Ra6，Kc8／S～
4．Ra8 $\ddagger$
1．．．．Kd8
2．Rg8，Se8
3． $\mathrm{Kf} 7, \mathrm{Kc} 8$
4．R×e8 $\ddagger$
157．1．Sb6 $\dagger$ ，Kc7
2．Re5，R×e5
3． $\mathrm{d} \times \mathrm{e} 5$ ，～
4． $\mathrm{B} / \mathrm{S} / \mathrm{P}$ 甲
2．．．． $\mathrm{d} \times \mathrm{e}_{5}$
3．d $\times$ e5，～
4． $\mathrm{B} / \mathrm{S} / \mathrm{P}$ 甲
158．1． $\mathrm{Bd} 8, \mathrm{Kf}_{4}{ }^{*}$
2． $\mathrm{Sd}_{5} \dagger$ ， $\mathrm{Kf}_{5}$
3．Se3 $\dagger$ ， $\mathrm{Kf}_{4}$
4． $\mathrm{Bg}_{5} \neq$
3．．．．Ke6
4．Bh3 $\ddagger$
＊If any other move，white still plays 2．Sd5

| 159. | 1．R7c6， $\mathrm{Se}_{5}$ | 2．Re6，Kd 4 | 3．Rexe5，～ | 4．R／S $\ddagger$ |
| :---: | :---: | :---: | :---: | :---: |
| 160. | 1． $\mathrm{c} 4 \dagger, \mathrm{~S} \times \mathrm{c} 4$ | 2． $\mathrm{Re}_{4}, \mathrm{~S} \times \mathrm{e}_{4}$ | 3． $\mathrm{S} \times \mathrm{ff} 3, \mathrm{~S} \sim$ | 4． S 甲 |
|  |  | 2．．．． $\mathrm{Sf}_{7}$ | 3． $\mathrm{B} \times \mathrm{f} 7, \mathrm{~S} \times \mathrm{d} 2$ | 4．Sf6 $\ddagger$ |
| 161. | 1．Bf6，Bf2 | 2． $\mathrm{B} \times \mathrm{e} 7, \mathrm{~B} \times 23 \dagger$ | 3．Kc4 $\dagger, \mathrm{Bc} 5$ | 4． $\mathrm{B} \times \mathrm{C}$ キ |
|  |  | 2．．．．Se6 $\dagger$ | 3．Kc4 $\dagger$ ，Sc5 | 4． $\mathrm{B} \times \mathrm{C} 5$ † |
|  | 1．．．． blQ | 2． $\mathrm{Bc} 2 \dagger, \mathrm{Qb} 3$ | 3． $\mathrm{R} \times \mathrm{b} 3+$ ， Ka 4 | 4．Sc3 $\ddagger$ |

Black＇s defences are many，besides those given above，but in every case mate is accomplished in four moves．
162.
1．Sf7，Kc6
2．Sd6，Kd5
3．Be3，～
4．Rc5キ
1．．．．Ka6
2．Sd6，Ka5
3．Rc3，～
4．Ra3 $\ddagger$
1．．．．Sh3
2．Sd6 $\dagger, \mathrm{Ka8} / \mathrm{Kb} 8$ 3．Bg1，～
4．Rc8キ
1．．．．Kb8
2．Sd6，Ka8
3．B×g1，～
4．Rc8 $\ddagger$
163．1．Re2，K×e4
2．Bh5，Kd3
3．Sg2，～
4． S †
2．．．．～
3． $\mathrm{Sg}_{4} \dagger$ ，～
4． キ
1．．．．Sd6
2．K $\times$ d6，～
3． $\mathrm{Sg} 2 / \mathrm{Sc} 2, \sim$
4．$S$ キ
164.

1． $\mathrm{Bb} 6 \dagger$ ，Rc5
2．Qe6，d×e5
3． $\mathrm{Q} \times \mathrm{d} 7 \dagger$ ， $\mathrm{Kc} 4 / \mathrm{Qd} 6$
4．Qa4 $\ddagger$
165．1． $\mathrm{S} \times \mathrm{d} 4 \dagger$ ， $\mathrm{K} \times \mathrm{c} 4$
2．Sc6，Re4
3． $\mathrm{Rd} 4 \dagger$ ， $\mathrm{R} \times \mathrm{d} 4$ 4．S $\times \mathrm{e}_{5} \ddagger$
166.

1． $\mathrm{Bd} 4, \mathrm{Kd} 7$
2． $\mathrm{Kd} 5, \mathrm{Kc}_{7}$
3．Ke6，～
4．Rc8 $\ddagger$
1．．．．Sh3
2． $\mathrm{Kd} 5, \mathrm{Sf}_{4} \dagger$
3．Kc6，～
4．Re8 $\ddagger$
1．．．．d2／e3／g3
2． $\mathrm{Rh} 7 \dagger$ ，Kf8
3．Ke6，～
4．Rh8キ
167.

1． $\mathrm{Be}^{\dagger} \dagger$ ， $\mathrm{Rd}_{4}$
2．Qf6，b3
3．Qe7† ${ }^{\prime}$ Kd 5
4．Sf6 $\ddagger$
3．．．．Bd6 4． $\mathrm{Q} \times \mathrm{d} 6 \neq$
1．．．． Kd 5
2． $\mathrm{Qf}_{5}, \mathrm{Rg}_{7}$
3． $\mathrm{S} \times \mathrm{g7}$ ，～
4． Q †
2．．．． $\mathrm{R} \times \mathrm{d}_{3}$
3．Sf6 $\dagger$ ，K～
4． Q キ
2．．．．Rg6
3．Qd7†，Rd6 4．Sf6 $\ddagger$
3．．．．Bd6 4．Sc7キ
168．1．Rfı，Kc8 2．Rbı，Bb7 3．Rb5，Kd8 4．Rf5，～5．Rf8キ
169．1．Ва5，Kd6
2． $\mathrm{Bd} 8, \mathrm{Kd} 5$ 3．Bf6，Kd6 4．Be5 $\dagger$ ， Kd 5
5． S キ
170．1．Kd4，Kd8
2． $\mathrm{Rh} 8+$ ， Kc 7
3．Kc5，a5
4．Bc6，a4 5．Sd ${ }^{\boldsymbol{T}} \neq$
［1．Bg8！］
171．1．Rf3，e5 2．Sh6，g4 3．Sf5 $\dagger$ ，Ke4 4．Bdı， $\mathrm{g} \times \mathrm{ff}_{3} \quad$ 5．Bc2申
2．．．． $\mathrm{f}_{5} \quad$ 3． $\mathrm{S} \times \mathrm{f} 5 \dagger$ ， $\mathrm{Ke}_{4}$ 4．Kc5，～5． $\mathrm{S}(\times) \mathrm{d} 6 \neq$
172．1．Bc7†，Kc8

$$
\begin{array}{rccc}
\text { 2. } \mathrm{Bf} 4 \dagger, \mathrm{Q} \times \mathrm{c} 4 & \text { 3. } \mathrm{Bg} 4, \mathrm{Q} \times \mathrm{d}_{5} \dagger & \text { 4. } \mathrm{Ke} 7 \dagger, \mathrm{Q} \sim & \text { 5. } \mathrm{B} \times \mathrm{Q} \neq \\
& \text { 3. ... } \mathrm{Qc} 7 & \text { 4. } \mathrm{Kf6,} \mathrm{\sim} \sim & 5 . \ddagger \\
\text { 2. } \ldots \mathrm{R} \times \mathrm{c} 4 & \text { 3. } \mathrm{Q} \times \mathrm{b} 7 \dagger, \mathrm{Kd} & \text { 4. } \mathrm{Qe} 7 \dagger, \mathrm{Kc} 8 & \text { 5. } \mathrm{Bb} 7 \mp
\end{array}
$$

173．1． $\mathrm{Bc} 1, \mathrm{Kd} 4$ 2． $\mathrm{Bh} 6, \mathrm{Kd} 5 \quad$ 3． $\mathrm{Bf} 8, \mathrm{Kd} 4 \quad$ 4． $\mathrm{Bc} 5 \dagger, \mathrm{Kd} 5 \quad$ 5．S $\ddagger$
174．1．Ba1， $\mathrm{Kc}_{4}$ 2． $\mathrm{Sd}_{4} \dagger$ ， Kd 3 3． $\mathrm{Bc} 3, \sim$ 4． $\operatorname{Be} 1(\dagger)$ ，～5． $\mathrm{Rc} 3 \neq$
2．．．．Kb4 3．Bc3 $\dagger$ ，Kc4 4．Be1 $\dagger, \mathrm{Kd}_{3} \quad$ 5．Rc3 $\ddagger$
＊Black may vary his defence，but play as he can，the result will be the same．

