## CHESS PROBLEMS

being a selection of original positions; to which are added others, extracted from rare and valuable works forming together one hundred ends of games; won or drawn by brilliant and scientific moves; to which are added the names of the authors. BY

W. Lewis TEACHER OF CHESS

[1827]

## PREFACE

Ends of Games or Positions won or drawn by masterly moves, have always been considered by the best Chess players and writers as eminently useful, if not absolutely necessary towards forming the finished player; and though many excellent ones have already been published, yet I am not without hopes that the following work will be favourably received by the Chess world, as it contains forty-eight original positions, besides others extracted from authors little known even to the good Chess player, none of them having been copied from Stamma's Work, the Stratagems of Chess, Sarratt's Treatise, or the Oriental Chess.

I have endeavoured as much as possible to select such Positions as are instructive as well as amusing; accordingly, the reader will observe, that there are many in which the White, though unable to checkmate in a given number of moves, can yet acquire such a superiority as to have a winning game. Such positions are generally the most improving. Among those in which the number of moves is fixed, will be found many in which as the White is not exposed to an immediate checkmate, it by no means follows that he must give check every move: such positions are more difficult than those in which from the situation of the pieces it is evident the Black must be checked every move.

I defer for the present publishing the Solutions, that the reader may solve the Problems without being tempted to refer to the Key. They will however be printed in the course of the present year; and though in such a work it is next to impossible to be perfectly accurate, yet I believe very few errors will be found. In some perhaps the checkmate may be delayed for a move or two by a useless sacrifice, an instance of which occurs in the Forty-fifth Situation, in which the mate cannot be given in less than ten moves.

In conclusion, I have to offer my sincere thanks to those friends whose contributions have enriched the Work, and enabled me to render it more worthy the attention of the scientific player.
W. LEWIS

## 76, St. Martin's-lane, <br> May 1827.

Explanation of the figures used in the diagrams:

| White | Black |  |
| :--- | :--- | :--- |
|  |  |  |
| K | k | King |
| Q | q | Queen |
| R | r | Rook |
| B | b | Bishop |
| N | n | Knight |
| P | p | Pawn |

## PREFACE TO ELECTRONIC EDITION

The original text was published in London, 1827. The original preface suggests that the solutions were published separately, though in the copy used there is no obvious break between the first part and the solutions: page numbers, even sheet numbering, is continuous.

Solutions have been converted to modern algebraic form from the extremely extended descriptive notation of the original. The original solution of problem nr 1 has been kept in order to give an idea of the original format.
... Problemiste for problems up to \#5.

1. Cozio


White to win in three moves
2. Ercole del Rio


White to win in three moves
3. Jos. Woods, Esq.


White to win in four moves
4. Gianutio


White to win in four moves [+]

9. Rev. H. Bolton


White to win in four moves
11. Cozio

White to win in five moves

10. W. Lewis


White to win in four moves
12. Cozio


White to win in five moves
13. Author unknown


White to win in five moves
14. Ercole del Rio


White to win in five moves
15. Ercole del Rio


White to win in five moves
16. Ponziani


White to win in five moves
17. A. Samuda, Esq.


White to win in five moves

White to win in five moves

18. Rev. H. Bolton


White to win in five moves
20. Rev. H. Bolton


White to win in five moves
21. W. Lewis


White to win in five moves
22. Damiano


White to win with the Pawn
in six moves


White to win in six moves
24. Ercole del Rio


White to win in six moves
25. Ponziani


White to win in six moves
26. Rev. H. Bolton


White to win in six moves
27. Rev. H. Bolton


White to win in six moves
28. Rev. H. Bolton


White to win in six moves
29. Rev. H. Bolton


White to win in six moves
30. Rev. H. Bolton


White to win in six moves
31. Rev. H. Bolton


White to win in six moves
32. Rev. H. Bolton


White to win in six moves [ $\dagger$ ]
33. Rev. H. Bolton


White to win in six moves
34. Rev. H. Bolton


White to win in six moves

37. Ercole del Rio


White to win in seven moves

White to win in seven moves

38. Jos. Woods, Esq.


White to win in seven moves [ $\dagger$ ]
40. Rev. H. Bolton


White to win in seven moves
41. Rev. H. Bolton


White to win in seven moves
42. W. Lewis


White to win in seven moves
43. W. Lewis


White to win in seven moves
44. W. Lewis


White to win in seven moves
45. Cozio


White to win in eight moves
46. Ercole del Rio


White to win in eight moves
47. Ercole del Rio


White to win in eight moves
48. Author unknown


White to win in eight moves
49. Rev. H. Bolton


White to win in eight moves

White to win in eight moves

50. Rev. H. Bolton


White to win in eight moves
52. W. Lewis


White to win in eight moves
53. W. Lewis


White to win in eight moves
54. Author unknown


White to win in 9 moves, or Black to move and win in five moves.
55. G. Contarelli


White to win in ten moves
56. Cozio


White to win in 13 moves
57. Gianutio


White to win with a Pawn in fifteen moves; to check on the 13th move with one Pawn, on the 14th move with another, and on the 15th move checkmate with the third. Black pawn is not allowed to become any piece but a Queen.
59. Author unknown


White to win with a Pawn in twenty moves, without taking the Queen.
58. Author unknown


White to win with the Pawn in seventeen moves, without taking the Queen.
60. Gianutio


White to win with a Pawn in twenty-three moves, on condition of losing all his pieces but the King and that Pawn. Blacks pawns are not allowed to become any piece but Queen.
61. Author unknown


White to win with the Pawn at K. R. third square, in about two hundred and fifty moves, without taking the Rook.,


White to compel the Black to win in fifteen moves
62. de Manteufel


White to force the Black to win with the Pawn at Black K. R. second square, in five moves.
64. Cozio


White to win
65. Cozio


White to win
66. Ponziani


White to win


White to win
68. Ponziani


White to win
69. Ponziani


Black to win even if the White begin
70. Ponziani


White to win
71. Ponziani


White to win
72. Ponziani


White to win
73. Ponziani


White to win
74. G, Taruffi


White to win
75. Sarratt


White to win
76. John Brand, Esq.


White to win
77. W. Lewis

78. W. Lewis


White to win

81. W. Lewis


White to win
82. W. Lewis


White to win
83. W. Lewis


White to win
84. W. Lewis


White to win
85. W. Lewis


White to win
86. W. Lewis



White to draw
88. Ponziani


White to draw
89. Ponziani


White to draw
90. Ponziani


White to draw


White to draw
92. Ponziani


White to draw
93. Ponziani


White to draw
94. Ponziani


White to draw

97. W. Lewis


White to draw
98. W. Lewis


White to move and draw, or Black to move and win.


White to draw
100. W. Lewis


Black played b4; what must White play to draw the game?

## SOLUTIONS

1．1． $\mathrm{R} \times \mathrm{a} 7 \dagger$ ， $\mathrm{K} \times \mathrm{a} 7$ 2． $\mathrm{Sb} 5 \dagger, \mathrm{Ka} 8 / \mathrm{Ka} 63 . \mathrm{Sc} 7 \neq$
2．1．Se6 $\dagger, \mathrm{Q} \times \mathrm{e} 6$ 2．Qh6 $\dagger, \mathrm{K} \times \mathrm{h} 6 \quad$ 3． $\mathrm{Bf} 8 \neq$
1．．．．f $\times$ 2． 6 88 $\ddagger$
1．．．．Kg8／Kh8
2．Qb8†，Qd8 3．Q×d8 $\ddagger$
3．1． $\mathrm{Qd} 4 \dagger, \mathrm{R} \times \mathrm{d} 4$ 2． $\mathrm{B} \times \mathrm{d} 4 \dagger, \mathrm{Ka6} \quad$ 3． $\mathrm{Sc} 7 \dagger, \mathrm{~B} \times \mathrm{c} 7 \quad$ 4． $\mathrm{Ra} 8 \ddagger$
4．1． $\mathrm{Bc} 5 \dagger$ ，Ka8
2． $\mathrm{B} \times f 3, \mathrm{Q} \times \mathrm{b}_{5} \dagger$
3． $\mathrm{Kc} 7 \dagger$ ， $\mathrm{Qc} 6 \dagger / \mathrm{Qb} 7 \dagger$ 4． $\mathrm{B} \times \mathrm{Q} \neq$
2．．．．Rf2 3． $\mathrm{Kc} 7 \dagger$ ， $\mathrm{R} \times \mathrm{f} 3$ 4．Qb7 $\ddagger$
［ 1．$B c 5 \dagger$ ，Ka 8
2．$B \times f 3, Q e 4 \dagger!]$
5．1．Se7†，Kh8
2． $\mathrm{Q} \times \mathrm{g}_{7} \dagger, \mathrm{~K} \times \mathrm{g} 7$
3．Rf7†，Kh8 4．Rh7 $\ddagger$
6．1． $\mathrm{S} \times \mathrm{c} 7 \dagger, \mathrm{~B} \times \mathrm{c} 7$
2． $\mathrm{Q} \times \mathrm{b}_{7} \dagger, \mathrm{~K} \times \mathrm{b}_{7}$
3．Be4 $\dagger$ ，Kb8
4．Sa6 $\ddagger$
1．．．．Kb8
2． $\mathrm{Sba6} \dagger, \mathrm{~B} \times \mathrm{a} 6$ 3． $\mathrm{S} \times \mathrm{a}$ キ
7．1．Qf $4 \dagger$ ，Kh 5
2． $\mathrm{Q} \times \mathrm{f}_{5} \dagger, \mathrm{e} \times \mathrm{f}_{5}$
3． $\mathrm{Sf}_{4} \dagger$ ， Kg 5
4．Rg6 $=$
8．1．Qd6 $\dagger, \mathrm{Ka} 8$
2．Qc6，B $\times$ c 6
3．Rd8 $\dagger$ ，Qc8
4． $\mathrm{R} \times \mathrm{c} 8$ 甲
2．．．． $\mathrm{b} \times \mathrm{a}_{5}$
3．Rd8 $\dagger$ ，Qc8
4． $\mathrm{R} \times \mathrm{c} 8$ 中
2．．．．Qc8
3．Rd8，～
4． $\mathrm{R} \times \mathrm{c} 8 / \mathrm{Q} \times \mathrm{b} 7$ キ
9．1． $\mathrm{Bc} 5, \mathrm{~S} \times \mathrm{C} 5$
2． $\mathrm{Q} \times f 7 \dagger$ ，Kh6
3．Qf8 $\dagger, \mathrm{Kg} 5$
4．h4 $\ddagger$
1．．．． $\mathrm{B} \times \mathrm{fi}$
2． $\mathrm{Qh} 6 \dagger, \mathrm{~K} \times \mathrm{h} 6$
3．Bf8 $\dagger, \mathrm{Kg} 5$
4．h4 $\ddagger$
1．．．．f5
2．Qh6 $\dagger$ ， $\mathrm{Kf}_{7}$
3．Qf8 $\dagger$ ，Ke6
4．Qe7キ
10．1． $\mathrm{Q} \times \mathrm{a} 7 \dagger, \mathrm{~K} \times \mathrm{a}$
2． $\mathrm{Ra}^{\dagger} \dagger, \mathrm{Kb} 7$
3． $\mathrm{Ba} 6 \dagger, \mathrm{Ka} 7 / \mathrm{a} 8$
4．Bc8 $\ddagger$
11．1． $\mathrm{Rd} 8 \dagger$ ， Kh 7 2． $\mathrm{g} 6 \dagger, \mathrm{R} \times \mathrm{g} 6 \dagger$ 3． $\mathrm{f} \times \mathrm{g} 6 \dagger$ ， $\mathrm{R} \times \mathrm{g} 6 \dagger$ 4． Kh 5 ，～5． $\mathrm{B} \times \mathrm{g} 6 \neq$
12．1．Bd4 $\dagger$ ，Kh7 2． $\mathrm{Bf} 5 \dagger$ ，Kg8 3．Be6 $\dagger$ ，Kh7 4．Sf8 $\dagger, \mathrm{R} \times f 8$ 5．exf8S $\ddagger$ 1．．．．Kg8 2．Be6 $\dagger$ ，Kh7 3．Sf8 $\dagger$ ，R×f8 4．e $\times f 8$ S $\ddagger$
13．1． $\mathrm{Q} \times \mathrm{h} 5 \dagger$ ， $\mathrm{S} \times \mathrm{h} 5$ 2． $\mathrm{R} \times \mathrm{h} 5 \dagger$ ， $\mathrm{K} \times \mathrm{h} 5$ 3．g4 $\dagger$ ，Kh6 4． $\mathrm{g} 5 \dagger$ ， $\mathrm{Kh}_{7} / \mathrm{Kh} 5$ 5． $\mathrm{Sf} 6 \neq$ ［ $1 . R \times h_{5} \dagger$ ］
14．1．Qg8 $\dagger, \mathrm{K} \times \mathrm{g} 8$ 2． $\mathrm{Se} 7 \dagger$ ， Kh 8 3． $\mathrm{Sf} 7 \dagger$ ， $\mathrm{R} \times f 7$ 4． $\mathrm{R} \times \mathrm{c} 8 \dagger$ ， Rf 8 5． $\mathrm{R} \times \mathrm{f} 8 \neq$
15．1．Qd7，Rg8 2．Sg5，Rbf8 3．Qh3，h6 4．Q×h6†，g×h6 5．Rh7 $\ddagger$ 2．．．．h6 3．Qf5，h $\times$ g5 4．Qh3 $\ddagger$
16．1． $\mathrm{Re} 8+$ ， Sc 8 2． $\mathrm{R} \times \mathrm{c} 8 \dagger$ ， $\mathrm{K} \times \mathrm{c} 8$ 3．Ra8 $\dagger$ ， Sb 8 4． $\mathrm{f} 6 \dagger$ ， Kd 8 5． $\mathrm{R} \times \mathrm{b} 8 \neq$
17．1．Qg3†，Kb6 2．a5 $\dagger, \mathrm{K} \times \mathrm{a} 5$ 3．Qc7 $\dagger, \mathrm{Kb} 4$ 4．Sd3 $\dagger, \mathrm{Ka} 4 ~ 5 . \mathrm{b} 3 \uparrow$
18．1．Re8 $\dagger$ ，Rf8 2．Rf3 $\dagger, \mathrm{R} \times \mathrm{a} 2$ 3． $\mathrm{R} \times \mathrm{f} 8 \dagger$ ， $\mathrm{K} \times f 8$ 4． $\mathrm{Bd} 6 \dagger$ ， $\mathrm{Ke} 8 / \mathrm{Kg} 8$ 5．Rf8 $\ddagger$
19．1．Qd4 $\dagger$ ，S $\times \mathrm{d} 4$ 2．e5 $\dagger$ ，Kc6 3．Be4 $\dagger$ ，d5 4．e×d6 ep $\dagger, \mathrm{K} \times \mathrm{d} 6$ 5．c5 $\ddagger$

20．1．Rff $\dagger$ ， $\mathrm{Q} \times \mathrm{h} 2$ 2． $\mathrm{Se}_{4} \dagger$ ，Rd4 3． $\mathrm{Rb} 5 \dagger$ ， Sd 5 4． $\mathrm{B} \times \mathrm{d} 4 \dagger$ ， $\mathrm{K} \times \mathrm{d} 4$ 5．Sc6 $\ddagger$
21．1． $\mathrm{Q} \times \mathrm{d} 8 \dagger, \mathrm{~B} \times \mathrm{d} 8$ 2． $\mathrm{R} \times \mathrm{d} 8 \dagger$ ，Sg8 3．Rbb8，Qa2 4． $\mathrm{R} \times \mathrm{g} 8 \dagger, \mathrm{Q} \times \mathrm{g} 8$ 5．Sf7キ
22．1．Rd4，Kb8 2．Rd8 $\dagger$ ，Ka7 3．Sb5 $\dagger$ ，Ka6 4．Rd3，Ka5 5．Ra3 $\dagger, \mathrm{Kb} 4$ 6．c3 $\ddagger$
23．1．S×b6 $\dagger$ ， $\mathrm{R} \times \mathrm{b} 6$ 2．Qh1 $\dagger, \mathrm{Rb} 7$ 3． $\mathrm{Qh} 8 \dagger$ ，Rb8 4． $\mathrm{Q} \times \mathrm{b} 8 \dagger$ ， $\mathrm{K} \times \mathrm{b} 8$ 5．Rd8 $\dagger, \mathrm{Kb} 7$ 6．Rb8 $\uparrow$

2．．．．Qb7／Kb8 3．Rd8 $\ddagger$
1．．．．Kb8 2．Rd8 $\ddagger$
1．．．． $\mathrm{a} \times \mathrm{b} 6$ 2． $\mathrm{Qa} 2 \dagger, \mathrm{Ra} 7$ 3． $\mathrm{Qg} 8 \dagger, \mathrm{~Kb} 7$ 4． $\mathrm{Rd} 7 \dagger, \mathrm{Q} \times \mathrm{d} 7$ 5．Qb8 $\ddagger$
24．1．Rd8 $\dagger, \mathrm{Kb} 7$ 2．Q $\times \mathrm{c} 6 \dagger$ ，K $\times \mathrm{c} 6$ 3． $\mathrm{Be} 4 \dagger$ ，Kc5 4．Rd5 $\dagger$ ，Kc6 5．Rd4 $\dagger$ ，Kc5 6． $\mathrm{b} 4 \neq$

2．．．．Ka6 3．Bd3 $\dagger$ ，Ka5 4．b4 $\ddagger$
25．1．Ra2†，Ba7 2．R×a7†，K×a7 3．Qd4 $\dagger$ ，Ka8 4．Qa1 $\dagger, \mathrm{Ba} 6$ 5．Q×h8 $\dagger$ ，Ka7 6．Qb8 $\ddagger$
1．．．． Ba 3 2． $\mathrm{R} \times \mathrm{a} 6 \dagger$ ， $\mathrm{b} \times \mathrm{a6}$ 3． $\mathrm{Qf} 3 \dagger, \mathrm{Ka} 7$ 4． $\mathrm{Qb} 7 \neq$
26．1．e4，Kh6 2．Sef8，Kh5 3．Kg7，Kg5 4．Sd7，Kh5 5．Sf6 $\dagger$ ，Kg5 6．h4 $\ddagger$ ［1．Sef8，Kh6 2．e4 etc．］
27．1．Rb5 $\dagger$ ，Ka1 2．Ra5 $\dagger, \mathrm{Ba} 4$ 3．R×a4 $\dagger$ ，Kb1 4．Sa3 $\dagger, \mathrm{Ka1} \mathrm{5}. \mathrm{Sc2} \dagger, \mathrm{~Kb} 1$ 6．Ra1 $\ddagger$ 1．．．．B×b5 2．Sa3†，Ka1 3．B×f6，Qb1 4．Qc1，Q×cı $\dagger ~ 5 . \mathrm{Kb} 3 \dagger, \mathrm{Q} \sim 6 . \mathrm{B} \neq$

> 4. ... Ka2 5. Q×bı†, K×a3 6. Q キ

4．．．． $\mathrm{B} \times \mathrm{d} 3$ 5． $\mathrm{Q} \times \mathrm{b} 1 \dagger$ ， $\mathrm{B} \times \mathrm{b}_{1}$ 6．Kb3 $\ddagger$
4．．．．fiQ 5．Sc2†，Ka2 6．Qa3 $\ddagger$
3．．．． $\mathrm{e} \times \mathrm{d} 2$ 4． $\mathrm{Kb} 3 \dagger$ ，Qe5 5． $\mathrm{B} \times \mathrm{e} 5 \neq$
3．．．．f1Q 4．Kb3 $\dagger, \mathrm{Q} \times \mathrm{f6} 5$ 5．Q×e1キ
3．．．．Qc1 $\dagger$ 4． $\mathrm{Q} \times \mathrm{c} 1 \dagger$ ，Ka2 5．Qb2 $\ddagger$
3．．．．Ba4 4．Kb4／Kc4キ
28．1．Rb6 $\dagger$ ，Kf8 2．Se6 $\dagger$ ，Kf7 3．B $\times$ g6 $\dagger$ ， $\mathrm{K} \times g 6$ 4．Qe8 $\dagger$ ， $\mathrm{K} \times \mathrm{h} 6$ 5．Qh5 $\dagger, \mathrm{K} \times \mathrm{h} 5$ 6． Sg 7 キ

2．．．．Kg8 3．Qe8†，Sf8 4．Q×f8†，Kh7 5．Qg7申
［ 2．$B \times e_{7} \dagger$ ！and mate in fifth move］
1．．．．R×a4 2．R×g6，Kf8 3．B×e7†，K×e7 4．Re6†，Kd8／Kf8 5．Re8キ
［ 1．．．．Kd8 leads to mate in sixth move ］
29．1．Se8 $\dagger$ ，Kh8 2．Sf7 $\dagger$ ，Kg8 3．Sh6 $\dagger$ ，Kh8 4．Be5 $\dagger$ ，Bf6 5．B×f6 $\ddagger$ 1．．．．Kh6 2．h×g5 $\times$ ，K×g5 3．B×e7†，Kh5 4．Sg7†，Kh6 5．Sg4†，K $\times g 7$ 6．Bf6 $\ddagger$
［4．$g_{4}+$ ！］
3．．．．Kf5 4．Sd6 $\ddagger$
3．．．．Kh6 4．Sf7 $\dagger$ ，Kh5 5．Sf6 $\ddagger$
2．．．．Q×g5 3．Sf7†，Kh5 4．Be2†，Qg4 5．S $\ddagger$
2．．．．Kh5 3．Sg7†，K×g5 4．B×e7†，Kh6 5．Sg4 $\dagger$ ， $\mathrm{K} \times \mathrm{g} 7$ 6．Bf6 $\ddagger$
30．1．b3，c×b3 2．c4，b2 3．S×h6†，Ke5 4．Sf7 $\dagger$ ，Kf5 5．Sd6 $\dagger$ ，Ke5 6．Sd3 $\ddagger$ ［ 1．b4，$c \times b 3$ ep．etc．］
31．1．Qg8†，Ke7 2．Q×g7†，Ke8 3．Sd6†，R×d6 4．Qg8†，Ke7 5．c8S $\dagger, \mathrm{Kf6}$ 6．Qf8 $\ddagger$

32．1．Qa6，Qb8 2．Qa3，Sg6 3． $\mathrm{B} \times \mathrm{g6}$ ，a6 4． $\mathrm{R} \times \mathrm{b} 8 \dagger$ ， $\mathrm{K} \times \mathrm{b} 8$ 5．Qf8 $\dagger$ ，Be8 6． $\mathrm{Q} \times \mathrm{e} 8$ 甲 2．．．．Rc7 3．Bd7，Rc8 4．R×c8，a6 5．R×b8†，K×b8 6．Qf8申 ［ 2．．．．Re7／Ba4！］
33．1．Sb3 $\dagger$ ， $\mathrm{Ka6}$ 2． $\mathrm{Sc} 5 \dagger$ ， Ka 5 3． $\mathrm{Bc} 3, \mathrm{Be} 5 \dagger$ 4． $\mathrm{Rb} 8 \dagger, \mathrm{~B} \times \mathrm{c} 3$ 5． $\mathrm{b} 4 \dagger, \mathrm{~B} \times \mathrm{b} 4$ 6． $\mathrm{a} \times \mathrm{b} 4 \neq$
34．1．Se6 $\dagger$ ，Kf7 2．Bh5，Qh8 3．Bh4，Ke8 4．Rg7 $\dagger$ ，Kd7 5．R×e7†，Kc8 6．Rc7 $\ddagger$ 2．．．． $\mathrm{a} 4 / \mathrm{b} 4 / \mathrm{Ra} 8 / \mathrm{Rc} 8$ etc．

3．．．．Qh5 4．Rg7†，Ke8／K×e6 5．R×e7キ
［ 2．．．．Qd8／Qf8／Qg8／Rd8！］
35．1． $\mathrm{Bf} 3, \mathrm{R} \times \mathrm{f} 3$ 2．dc7 $\dagger$ ， $\mathrm{B} \times \mathrm{c} 7$ 3． $\mathrm{S} \times \mathrm{c} 7 \dagger$ ，Kb8 4． $\mathrm{d} 8 \mathrm{Q} \dagger$ ， Bc 8 5．Sa6 $\dagger$ ，Ka8
6． $\mathrm{Q} \times \mathrm{c} 8 \neq$
1．．．． $\mathrm{B} \times \mathrm{a6}$ 2． $\mathrm{c} 7, \mathrm{~B} \times \mathrm{c} 7$ 3． $\mathrm{S} \times \mathrm{c} 7 \dagger$ ， Kb 8 4． $\mathrm{S} \times \mathrm{a} 6$ 中
1．．．． $\mathrm{B} \times \mathrm{c} 6$ 2．Sdc7 $\dagger, \mathrm{B} \times \mathrm{c} 7$ 3． $\mathrm{B} \times \mathrm{c} 6 \neq$
36．1．Rf8 $\dagger, \mathrm{R} \times f 8$ 2．Sf7 $\dagger$ ，Kg8 3．Qg3 $\dagger, \mathrm{K} \times f 7$ 4．Qg7 $\dagger$ ，Ke6 5．Qe7 $\dagger$ ，Kd5 6．Qd7† $\dagger$ Kc4 7．Qd3 $\ddagger$

> 2. ... R×f7 3. Qe8†, Rf8 4. Q×f8†

37．1．Qb8 $\dagger, \mathrm{Rg} 8$ 2．Qe5 $\dagger, \mathrm{Rg} 7$ 3． $\mathrm{R} \times \mathrm{h} 7 \dagger$ ， $\mathrm{K} \times \mathrm{h} 7$ 4．Qh5 $\dagger$ ，Kg8 5．Qe8 $\dagger$ ，Kh7 6．Sf6 $\dagger$ ，Kh6 7．Qh5 $\ddagger$
38．1． $\mathrm{Bc} 4, \mathrm{~B} \times \mathrm{b} 2 \dagger$ 2． $\mathrm{R} \times \mathrm{b} 2, \mathrm{Q} \times \mathrm{b} 2 \dagger$ 3． $\mathrm{B} \times \mathrm{b} 2$ ，Se6 4． $\mathrm{Q} \times f 7 \dagger$ ，Kh8 5． $\mathrm{B} \times \mathrm{e} 6$ ，Rg8 6． $\mathrm{Q} \times \mathrm{g} 8 \dagger, \mathrm{R} \times \mathrm{g} 8$ 7． $\mathrm{Sf}_{7} \neq$
［2．．．．$Q \times$ c4！］
［ 2．$B \times b 2$ ！and mate in 6 th move］
1．．．． $\mathrm{Q} \times \mathrm{c} 4$ 2． $\mathrm{Qf} 8 \dagger$ ， $\mathrm{K} \times f 8$ 3． $\mathrm{Bd} 6 \dagger$ ， Kg 8 4．Re8 $\dagger, \mathrm{B} \times \mathrm{e} 8$ 5．Rf8 $\ddagger$
1．．．．Se6 2． $\mathrm{Q} \times \mathrm{f} 7 \dagger$ ，Kh8 3．B×e6 and wins in a few moves．［ 3．．．．Qa3 $\dagger$ ！］ ［ $1 . \ldots Q \times a 3 \dagger!$ ］
39．1． $\mathrm{Qg} 8 \dagger, \mathrm{Q} \times \mathrm{g} 8$ 2． $\mathrm{f} 8 \mathrm{~S} \dagger, \mathrm{Kh} 8$ 3． $\mathrm{Rh} 7 \dagger, \mathrm{Q} \times \mathrm{h} 7$ 4． $\mathrm{R} \times \mathrm{h} 7 \dagger$ ， Kg 8 5．Rh8 $\dagger, \mathrm{K} \times \mathrm{h} 8$ 6． $\mathrm{Kf}_{7} \dagger$ ， Sg 7 7． $\mathrm{B} \times \mathrm{g} 7 \neq$
40．1．Bg6 $\dagger$ ，K $\times$ g6 2．Se5 $\dagger$ ，Kh5 3．g4 $\dagger$ ，Kh4 4．Sg6 $\dagger$ ，K $\times \mathrm{g} 4$ 5．Rf4 $\dagger$ ，Kh3 6．Rh4 $\dagger, \mathrm{B} \times \mathrm{h}_{4}$ 7．Sf $4 \neq$
1．．．．Kg4 2．Se5 $\dagger$ ，Kh3 3．Bf5 $\dagger$ ，S $\times f 5$ 4．g4 $\dagger$ ，Kh4 5．Sg6 $\dagger$ ，K $\times \mathrm{g}_{4}$ 6．Rg3 $\ddagger$
41．1． $\mathrm{Qc} 7, \mathrm{~B} \times \mathrm{b} 8$ 2．Bh3 $\dagger$ ，f5 3． $\mathrm{e} \times \mathrm{f} 6 \dagger$ ， $\mathrm{K} \times \mathrm{f6}$ 4．Sg4 $\dagger$ ，Kf5 5．Sh6 $\dagger$ ，Kf6 6． $\mathrm{Qf} 7 \dagger$ ， R×f7 7．Sg8 $\ddagger$

$$
\text { [5. } Q d 7 \neq!]
$$

4．．．．Ke6 5．Sh6 $\dagger$ ，Rf5 6．B $\times \mathrm{ff}_{5} \dagger$ ，Kf6 7．Qf7 7
42．1．Re6 $\dagger$ ，B×e6 2．Q×e6 $\dagger, \mathrm{K} \times \mathrm{g} 5$ 3．d4 $\dagger$ ，Kh5 4． $\mathrm{Qf} 7 \dagger$ ，Kh4 5．g3 $\dagger$ ， Kg 4 6．f3 $\dagger$ ， Kh3 7．Qf5 $\ddagger$
[ 5. Qf5! ]

4．．．．g6 5．Qf3 $\dagger$ ，Kh4 6．Qh3 $\ddagger$
3．．．．Kh4 4．Qh3 $\ddagger$
This position occurs in Lolli，page 36，but he does not give it as a forced mate，but wins the Queen or checkmates，the Editor can therefore only claim the solution as his．
43. 1. $\mathrm{R} \times \mathrm{g} 5 \dagger$, $\mathrm{f} \times \mathrm{g} 5$ 2. $\mathrm{Qg} 6 \dagger$, $\mathrm{Kf8}$ 3. e 6 , Rh7.

Black might delay the checkmate for one move, by checking with the Knight.
4. Q×h7, Ke8 5. Qg8†, Bf8 6. Qf7†, Kd8 7. Qd7 $\ddagger$
44. 1. Kb3, b×c5 2. $\mathrm{a}_{4} \dagger$, Kb6 3. $\mathrm{a}_{5} \dagger$, Kb5 4. Rb7†, Kc6 5. Rb6 $\dagger$, Kd5 6. Rd7 $\dagger$, Rd6 7. R×d6 $\ddagger$

1. ... a5 2. a4†, Кa6 3. b5 $\ddagger$
2. 3. Se6 $\dagger$, Kh6 2. Rf3, g5 3. Rf6 $\dagger$, Kh5 4. Sf2 g4 5. Nf4 $\dagger$ Kh4 6. Rf5 Black may now delay the checkmate by playing 6. ... Qf7 (see below), but if he play any other move, White will win by checking with the Rook at h5, and afterwards checkmating with the Kt. or, (if Black play h5) by checking with the Knight at g6, and the checkmating with the other Knight.
1. ... Qf7 7. R×f7, g3 8. Rg7, h5 9. Checks K and R with the Knight, and wins easily. [ 9. Se4/Seı!]
2. ... Rg8 8. Rf5, Rg5 9. g3 $\dagger$, $\mathrm{K} \times \mathrm{g} 3$ 10. $\mathrm{R} \times \mathrm{g} 5$ and wins. 5. ... Kg5 6. Ne4†, Kh4 7. Rh6 $\ddagger$
3. ... Qf7 5. g4 $\dagger$, Kh4 6. Rh6 $\dagger$, Qh5 7. R×h5 $\dagger$, Kg3 8. Rh3 $\ddagger$
4. ... Kh5 3. Sf2, g5 4. Rf6 \&c. as before [ 3. Rh3 $\dagger$ !]
5. 6. S $\times \mathrm{e} 5 \dagger$, Ke8 2. $\mathrm{Qh} 5 \dagger$, g6 3. $\mathrm{S} \times \mathrm{g} 6$

To prevent White from checkmating, by playing $\mathrm{N}(\times) \mathrm{e} 5 \dagger$ \&c, black is compelled to play 3.... Sf6 4. $\mathrm{R} \times f 6$, Rg 8 5. Se5 $\dagger$, Rg 6 6. $\mathrm{R} \times \mathrm{g} 6, \mathrm{~h} \times \mathrm{g} 6$ 7. $\mathrm{Q} \times \mathrm{g} 6 \dagger$, Kf 88 8. $\mathrm{Q} / \mathrm{B}$ キ
6. ... Kf8 7.Bh6 $\dagger$ Ke8 8.Rg8 $\ddagger$
3. ... Bf6 4. Se5 $\dagger$, Ke7 5. Qf7 $\dagger$, Kd6 6. Sc4 $\ddagger$

1. ... Ke6 2. Qg4 $\dagger$, Kd6 3. Sf7 $\ddagger$
2. 3. Qh8 $\dagger, \mathrm{Kb} 7$ 2. Qg7 $\dagger$, Ka8 3. Qf8 $\dagger, \mathrm{Kb} 7$ 4. Qf7 $\dagger, \mathrm{Ka8}$ 5. Rc8 $\dagger, \mathrm{S} \times \mathrm{c} 8$ 6. $\mathrm{Q} \times \mathrm{d} 5 \dagger$, $\mathrm{B} \times \mathrm{d} 57$ 7. $\mathrm{B} \times \mathrm{d} 5 \dagger$, Kb8 8. Sa6 $\ddagger$ 2. ... Kb8 3. Qc7†, Ka8 4. Qd8†, Kb7 5. Rc7†
1. 2. $\mathrm{b} 5 \dagger, \mathrm{Ka} 7$ 2. $\mathrm{b} 6 \dagger$, Ka8 3. Qa1 $\dagger, \mathrm{Kb} 8$ 4. Bc7†, Kc8 5. Bh3 $\dagger, \mathrm{Rg} 4$ 6. B×g4 $\dagger$, Rf5 7. B×f5 $\dagger$, Sd7 8. Qh8 $\ddagger$
1. 2. Rc7 $\dagger$, Ka 5 2. $\mathrm{R} \times \mathrm{b}_{5} \dagger$, $\mathrm{K} \times \mathrm{b} 5$ 3. $\mathrm{Be} 2 \dagger$, Ka 4 4. $\mathrm{Rc} 4 \dagger$, $\mathrm{Kb}_{5}$ 5. $\mathrm{R} \times \mathrm{c} 1 \dagger$, Ka 4 6. Rc4†, Kb5 7. Rc3†, Ka5 8. Ra3 $\ddagger$
1. ... Ka5 5.Rc5 $\dagger$ Ka4 6.Bdı ${ }^{\text {中 }}$
[1. $R \times b_{5}$ !]
2. 3. R×b3†, cxb3 2. Sc4 $\dagger$, Ka 4 3. Sdb2 $\dagger$, Kb 5 4. $\mathrm{Sa} 3 \dagger, \mathrm{~Kb} 6$ 5. Sbc4 $\dagger, \mathrm{Ka} 7$
1. Sb5 $\dagger, \mathrm{Ka} 8$ 7. Sb6 $\dagger, \mathrm{Kb} 8$ 8. Rc8 $\ddagger$
2. ... Kb8 7. Sb6, S×c7 8. d×c7 $\ddagger$
