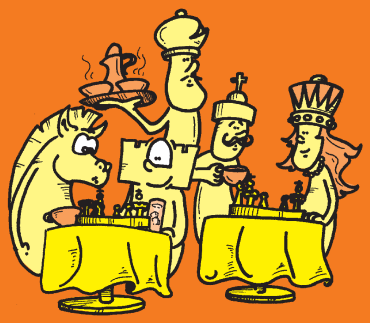


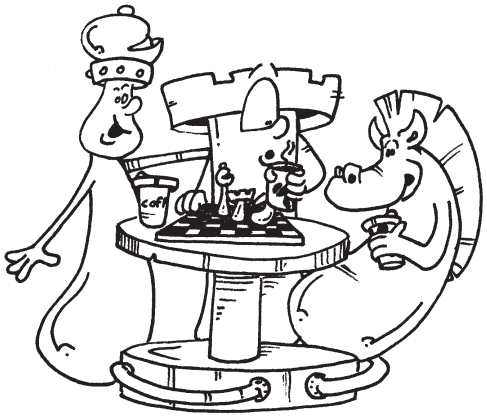
THE PUZZLING SIDE OF CHESS

Jeff Coakley

MINOR NINER

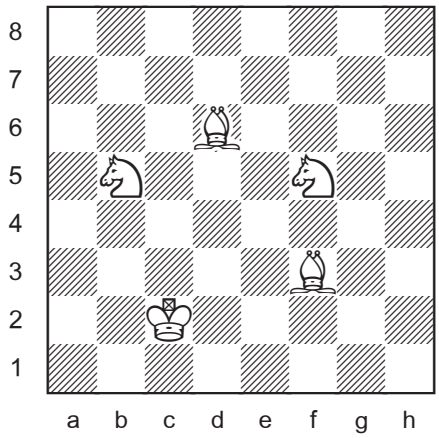
number 70 October 11, 2014

This column features nine puzzles of various types, all involving four minor pieces (BBNN). Whenever applicable, the two bishops must be placed on opposite-coloured squares.



Chess chat over mint lattes.

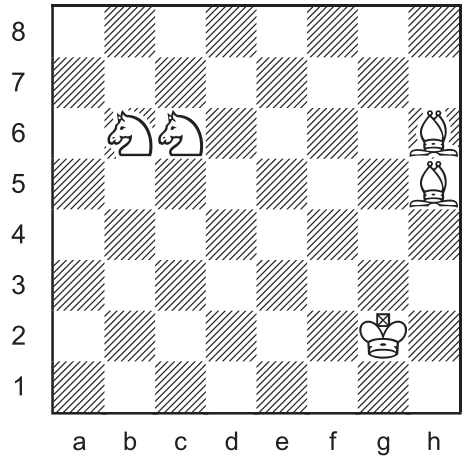
Triple Loyd 35



Place the black king on the board so that:

A. Black is in checkmate.
B. Black is in stalemate.
C. White has a mate in 1.

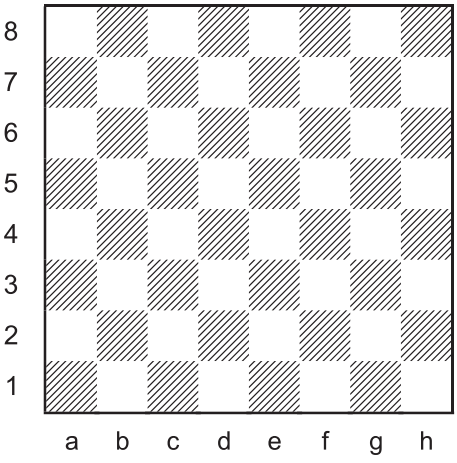
Triple Loyd 36



Place the black king on the board so that:

A. Black is in checkmate.
B. Black is in stalemate.
C. White has a mate in 1.

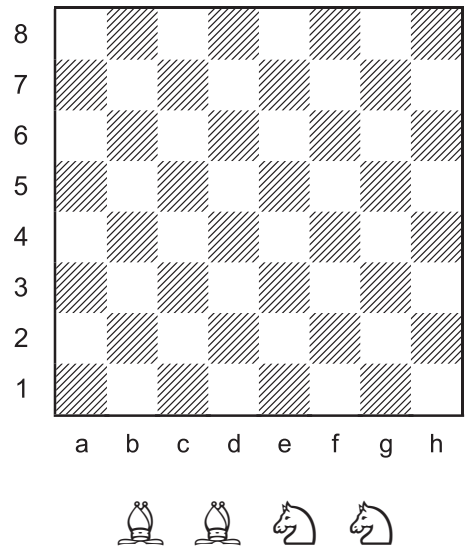
BBNN Defensive Loop



Place two bishops and two knights on the board so that each piece is defended exactly once and each piece defends exactly one other piece. The bishops must be on opposite colours.

The defensive chain will form a continuous loop.

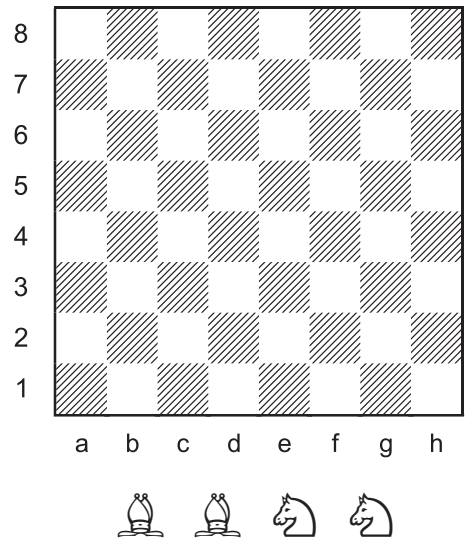
BBNN Move Maximizer



Place two bishops and two knights on the board so that they have the most moves.

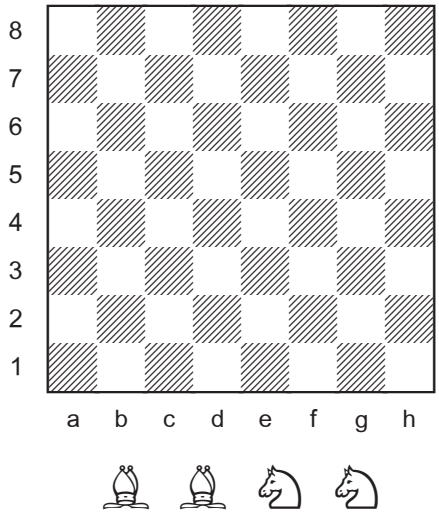
Boring reminder. Throughout this column, the two bishops must be placed on opposite-coloured squares.

BBNN Move Minimizer



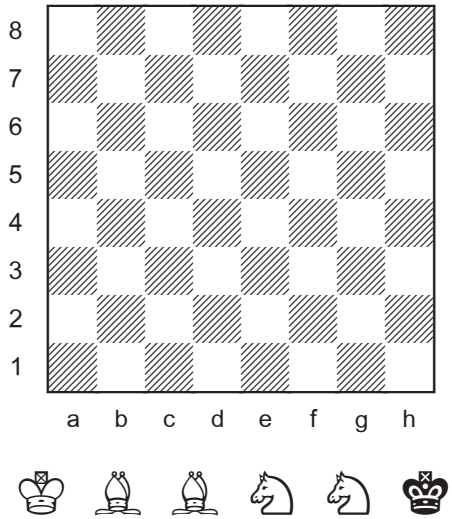
Place two bishops and two knights on the board so that they have the fewest moves.

BBNN Eight-mover



Place two bishops and two knights on the board so that each piece has exactly eight moves.

Construction Task 07



Construct a position with a white king, two bishops, and two knights against a lone black king so that White has the most mates in one move.

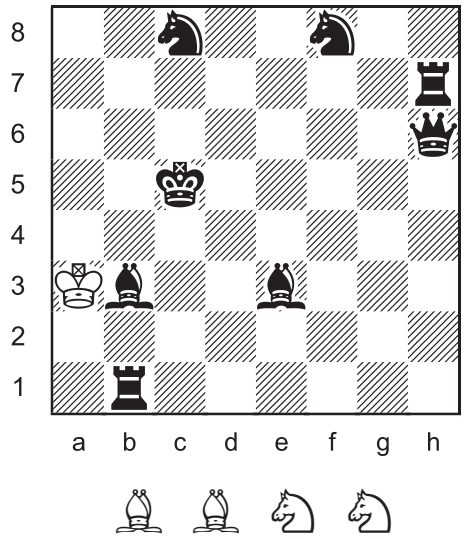
7a. Discovered checks are not allowed.

7b. Discovered checks are allowed.

In *part b*, each different move by a piece that uncovers mate is counted separately. Did I mention that bishops must be placed on different colour squares?!

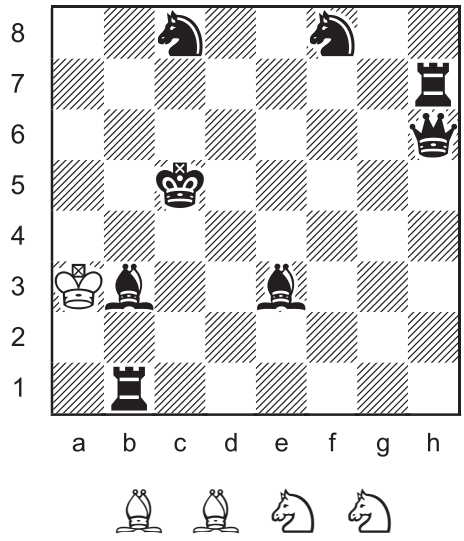
Constructed positions must be legal. In other words, they must be reachable from an actual game.

Inverted Loyd 11



Add two white bishops and two white knights so that White has mate in one.

Inverted Loyd 12



Add two white bishops and two white knights so that White has mate in one.

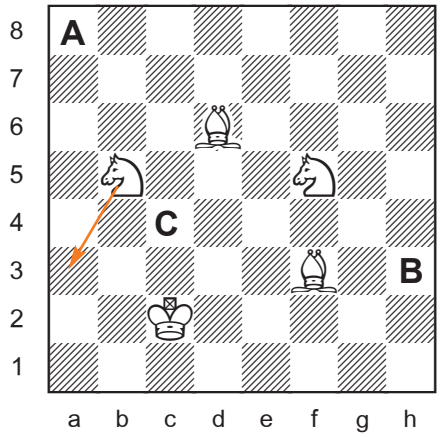
The deadline for the *2014 Chess Cafe Puzzlers Cup* is less than three weeks away. We plan to stay up until midnight Hawaiian time (Greenwich -10) on October 31 to receive your winning entry!

SOLUTIONS

All puzzles by J. Coakley. Triple loyd 35 and construction task 07 are from *Winning Chess Puzzles For Kids Volume 2* (2010). The others are *ChessCafe.com* originals (2014).

PDF Hyperlinks. You can advance to the solution of any puzzle by clicking on the underlined title above the diagram. To return to the puzzle, click on the title above the solution diagram.

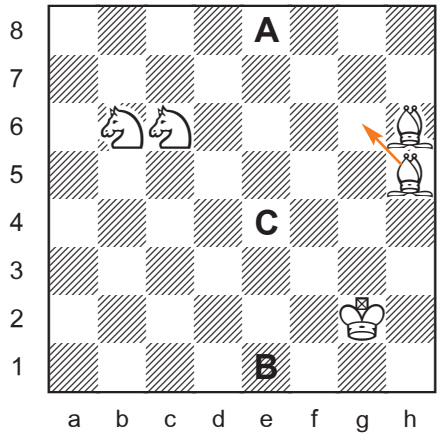
Triple Loyd 35



A. Ka8#
B. Kh3=
C. Kc4 (Na3#)

An *ideal mate*. Each square in the black king's field is attacked exactly once and all white pieces take part.

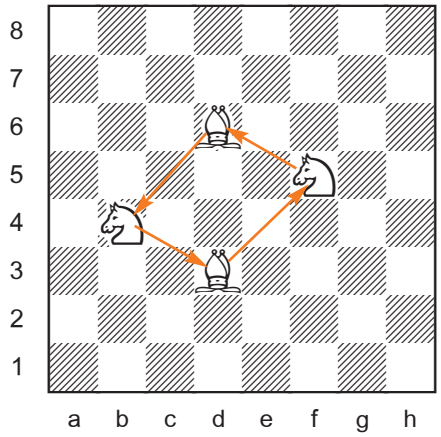
Triple Loyd 36



A. Ke8#
B. Ke1=
C. Ke4 (Bg6#)

A king in the centre faces a firing squad of minor pieces.

BBNN Defensive Loop

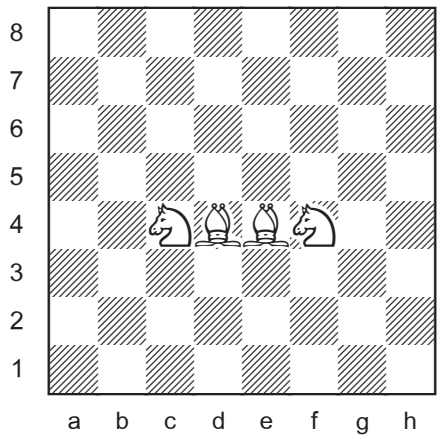


There are numerous solutions. Since the two bishops cannot defend each other, the order of pieces in the loop is always B-N-B-N. Here are some other solutions.

Bd5 Nf3 Be5 Nc3
Bd5 Nc4 Be5 Nc3
Bb1 Nh7 Bf8 Na3 (all on the edge)

For other *defensive loop*s, see column 67.

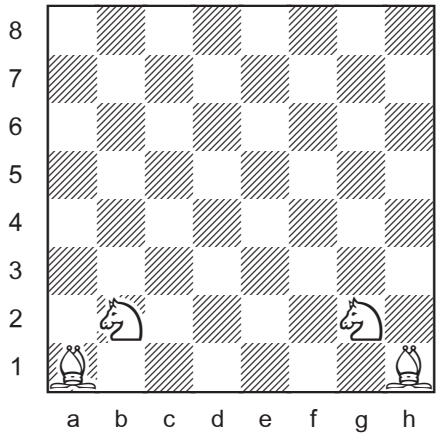
BBNN Move Maximizer



42 moves
(N8 + B13 + B13 +N8)

The pattern is unique. With rotation, there are four different solutions.

BBNN Move Minimizer

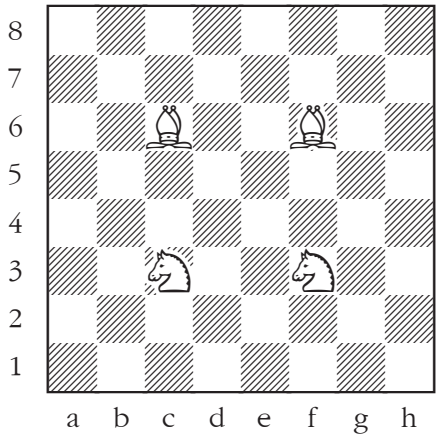


8 moves
(B0 + N4 + N4 + B0)

Unique.

For more *maximizers* and *minimizers*, see columns 63 and 67.

BBNN Eight-Mover

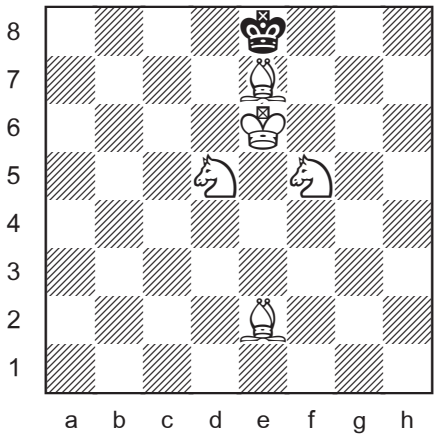


Each piece has eight moves.

The other two solutions:
Bc3 Bc4 Ne6 Nf6
Bc3 Nc4 Be6 Nf6

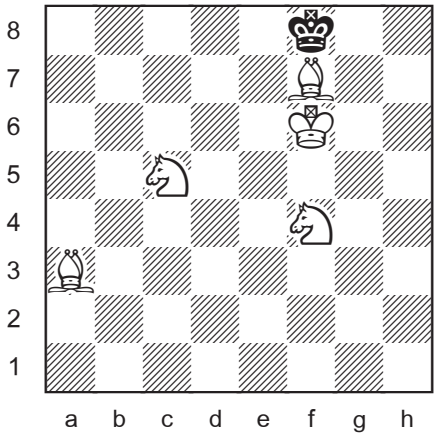
Construction Task 07

7a. no discovered checks



6 mates in one
(2N + 2B +0B +2N)

7b. with discovered checks

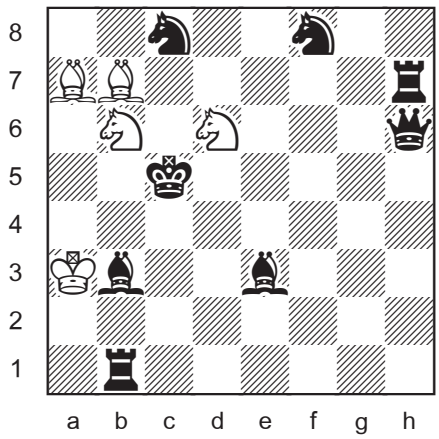


10 mates in one
(0B + 8N +0B +2N)

Index to *construction tasks*.

column 15	01. KQRRBBNN (*no discovered checks*)
	02. KQRRBBNN (*with discovered checks*)
column 24	03. KRBN
	04. KRRBBNN
column 37	05. KQRBN
column 59	06. KQ; KQQ, ..., KQQQQQQQQQ
column 67	05. KQRBN (same as column 37)

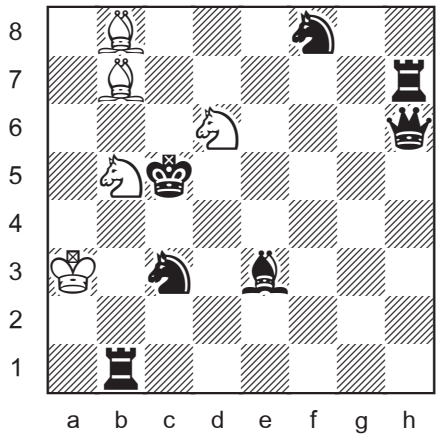
Inverted Loyd 11



Add Ba7 Bb7 Nb6 Nd6
1.Nbxc8#

There are many “incorrect solutions” with both white bishops on dark squares. For example, Bd2 Bf4 Nb6 Na7 (Bdxe3#).

Inverted Loyd 12

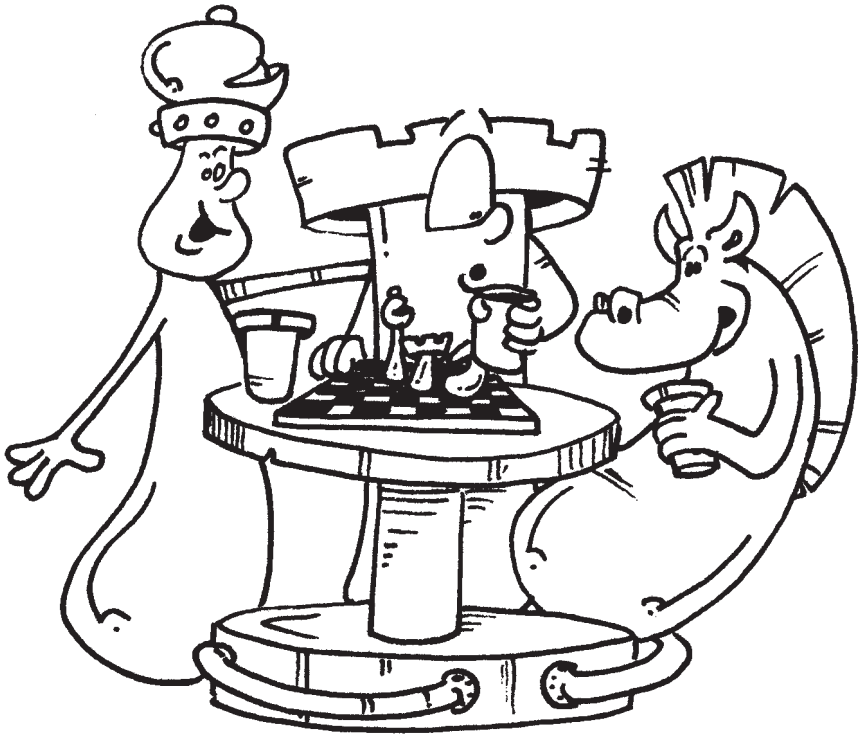


Add Bb7 Bb8 Nb5 Nd6
1.Ba7#

“Incorrect solutions” with both white bishops on dark squares include Ba5 Bc7 Nb4 Nd6 (Bab6#).

For more *inverted loyds*, see column 68.

continued next page



“I think I had one too many problems.”
“Don’t worry, mate. We’ll get you home.”

Until next time!