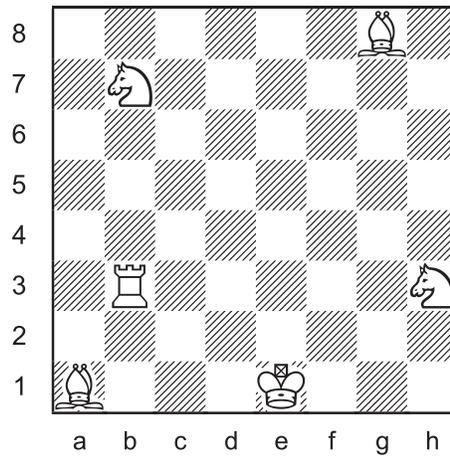


Triple Loyd 46



Place the black king on the board so that:

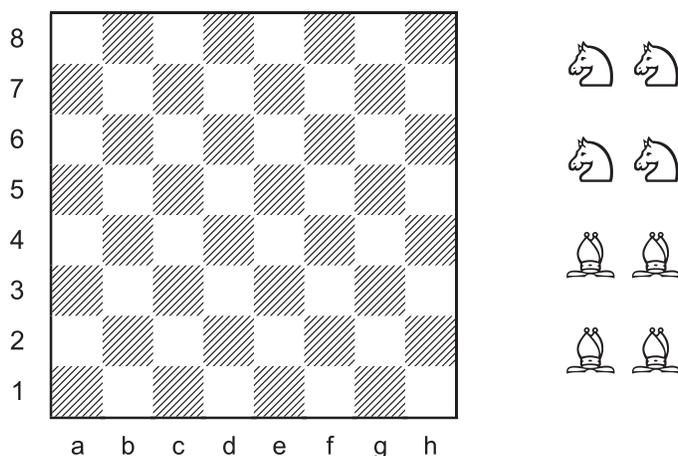
- A. Black is in checkmate.
- B. Black is in stalemate.
- C. White has a mate in 1.

Did you know that leap days have been added to the calendar every four years since 45 B.C.? So decreed Julius Caesar.



Next up is an “egalitarian attack” problem by Montreal composer François Labelle, from the recent *Chessproblems.ca Bulletin*.

Eight-Minor Eight-Mover

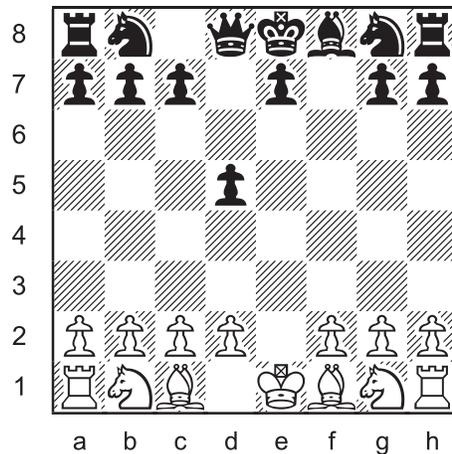


Place four knights and four bishops on the board so that each piece attacks exactly 8 empty squares.

The time taken for our planet to orbit the sun is 365 days, 5 hours, and 49 minutes. Or, depending on your cosmic perspective, for the sun to orbit the Earth. Without leap days, July would eventually become a winter month in the northern hemisphere. Sometime in the 28th century.



Proof Game 47 (4.0 moves)



This position, with White to play, was reached in a game after each player made exactly four moves. What were the moves?

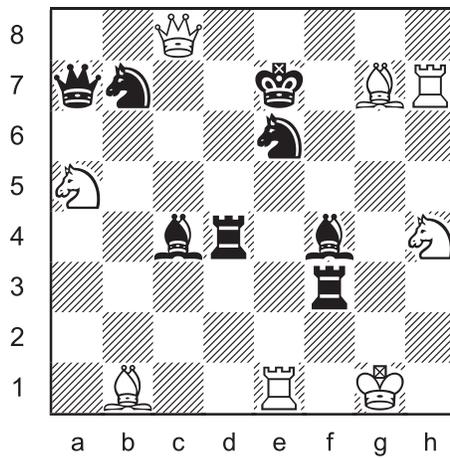
In 1582, based on a proposal by Italian astronomer Aloysius Lilius, it was decided to skip the addition of a leap day in century years that were not multiples of 400. This change (3 skips so far) more closely aligns the calendar with the solar year, maintaining the same dates for celestial events like the summer solstice. That's why the year 2000 had a 29th of February, but 2100 will not.

An asteroid and a crater on the moon are named after Lilius.



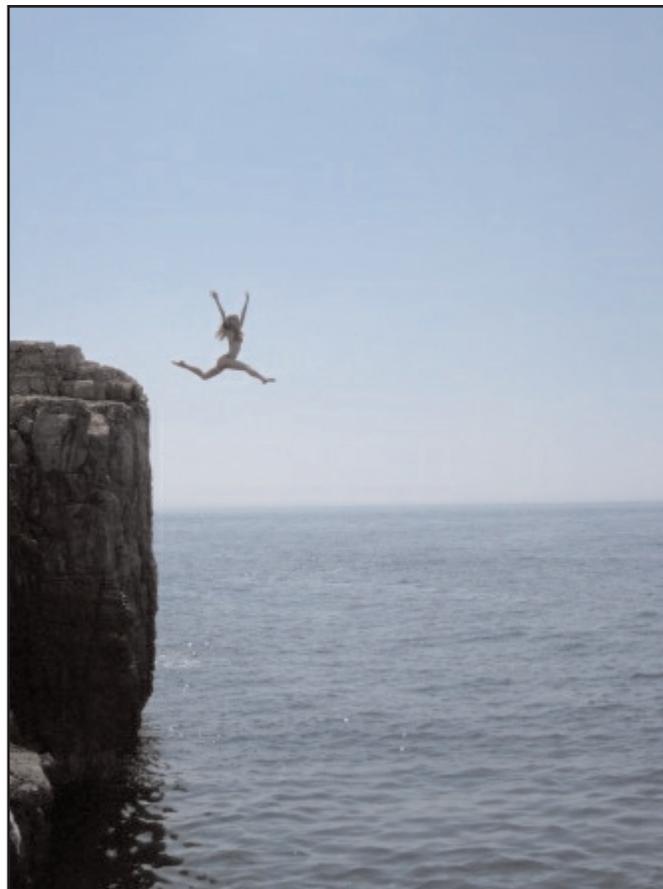
In a *helpmate*, Black cooperates with White to checkmate the black king. Black normally goes first.

Helpmate 13



Helpmate in 1

Black moves so that White has mate in 1.

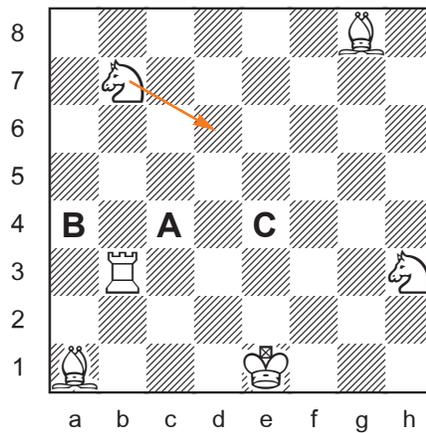


SOLUTIONS

Triple loyd 45, proof game 47, helpmate 13 by J. Coakley. The first two are *Puzzling Side of Chess* originals (2016). The last is from *Winning Chess Puzzles For Kids Volume 2* (2010).

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 46



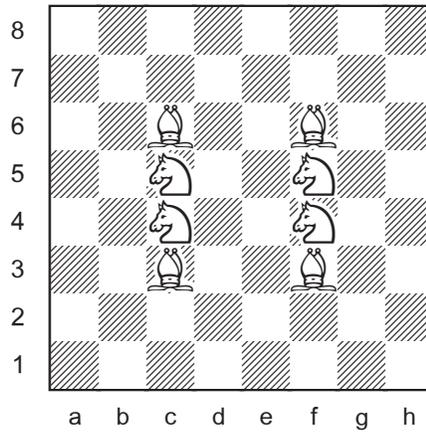
- A. Kc4#
- B. Ka4=
- C. Ke4 (Nd6#)

Not sure why I called it spicy.



Eight-Minor Eight-Mover

François Labelle 2016
Chessproblems.ca Bulletin

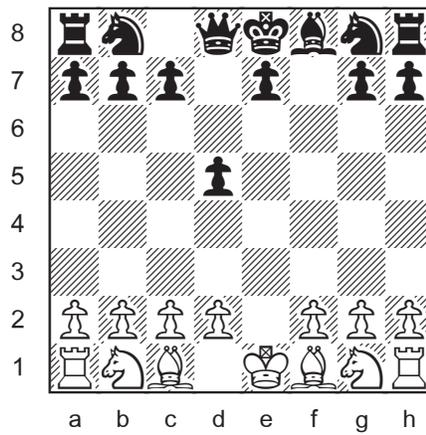


Each piece attacks 8 empty squares.

The knights could also be placed on d3 d6 e3 e6.

For a similar puzzle, see problem 6 in column 70 (*Minor Niner*).

Proof Game 47 (4.0 moves)



1.e4 d5 2.Qg4 Be6 3.Qxe6 fxe6 4.exd5 exd5

The black f-pawn on d5.

