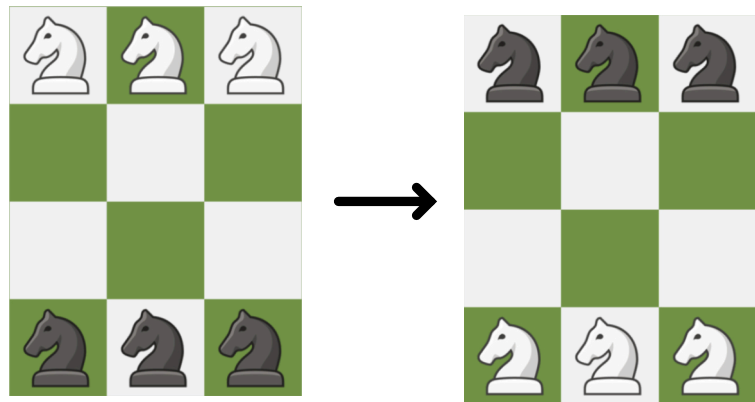


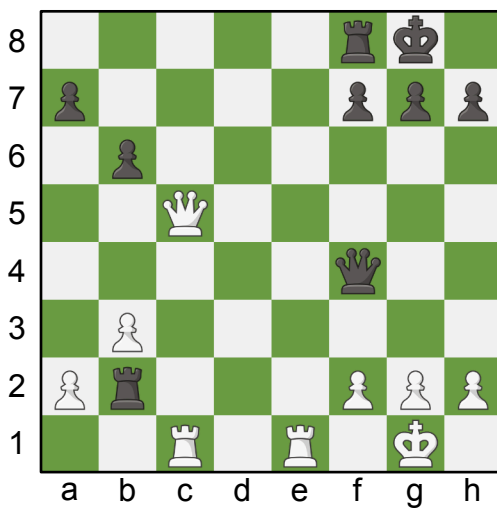
23. Swap the Knights

Using only legal knight moves on a 4×3 board, can you swap the locations of the black and white knights? **No knight may threaten a knight of opposite color.** Alternate turns of white and black. How would you prove your answer?

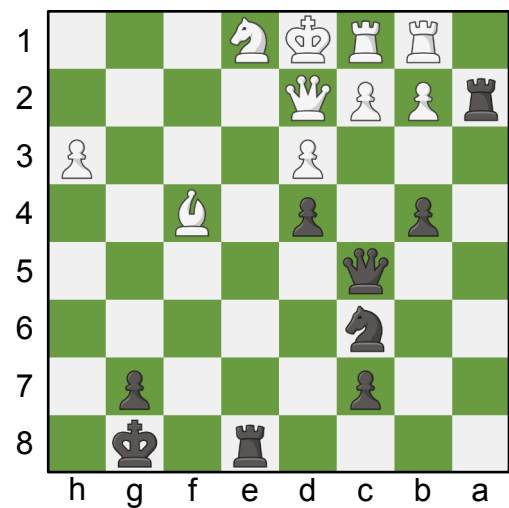


Challenge Puzzles

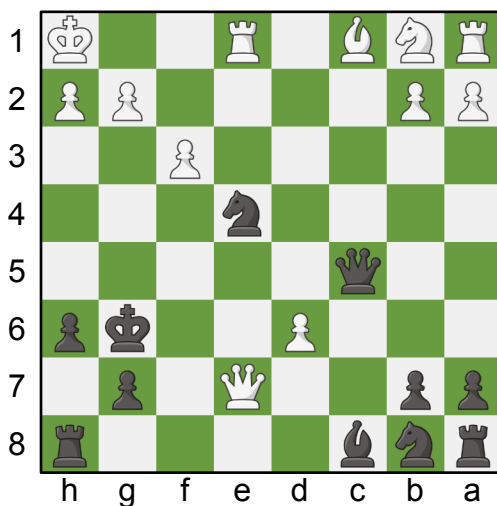
① White to play - mate in 2.



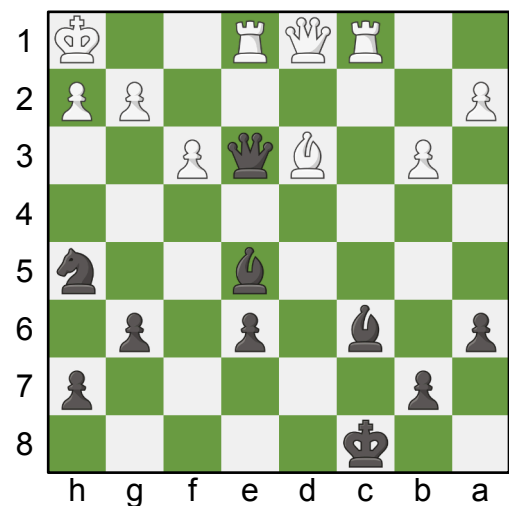
② Black to play - mate in 3.



③ Black to play - mate in 4.



④ Black to play - mate in 5.



Hints.

- ① Start with the queen.
- ② Start with the queen.
- ③ Start with a knight.
- ④ Start with the knight.

Answers.

- ① 1. ♔xf8+ ♚xf8 2. ♖c8#
- ② 1... ♕h5+ 2. ♘f3 ♕xf3+ 3. ♕e2 ♕xe2#
- ③ 1... ♞f2+ 2. ♔g1 ♞h3+ 3. ♔h1 ♕g1+ 4. ♖xg1 ♞f2#
- ④ 1... ♞g3+ 2. ♙h3 ♞xg3 ♕h6+ 3. ♔g1 ♙d4+ 4. ♔f1 ♕h1+ 5. ♔e2 ♕xg2#
(or 4. ♖e3 ♕xe3+ 5. ♔f1 ♕f2#)

