

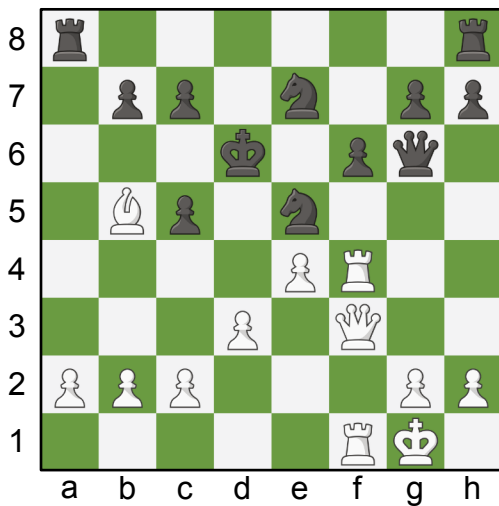
35. Pawn Breakthrough

A pawn breakthrough in chess is a tactical maneuver used to create a passed pawn by sacrificing one or more pawns when pawns are lined up directly across from each other. This technique can lead to the promotion of a pawn and potentially secure a winning advantage.

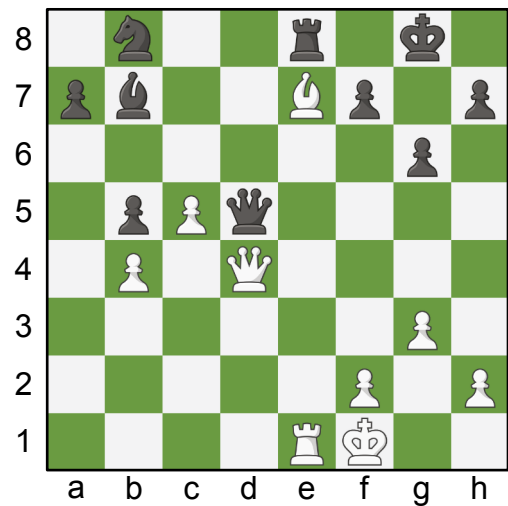
- The player pushes a pawn forward to force an exchange, allowing the remaining pawns to break through the opponent's defenses.
- Timing is crucial in a pawn breakthrough. The player must calculate the resulting positions carefully to ensure the sacrificed material leads to a winning advantage.

Challenge Puzzles

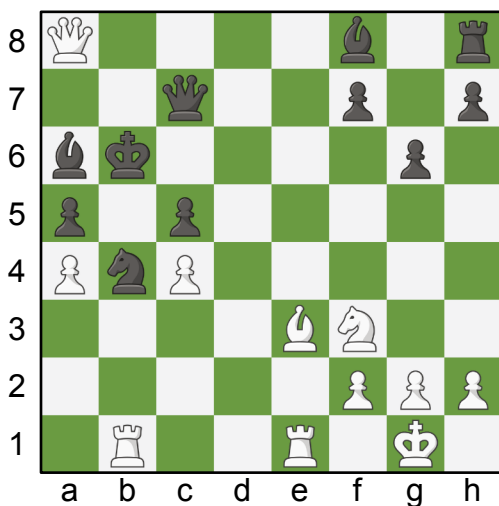
① White to play - mate in 3.



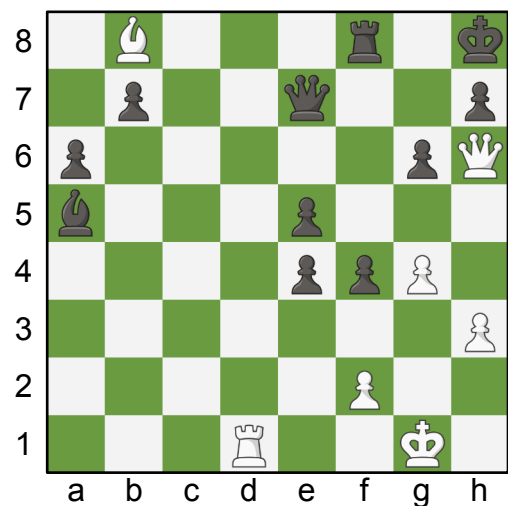
② White to play - mate in 3.



③ White to play - mate in 4.



④ White to play - mate in 6.



Hints.

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

Answers.

- ① 1. ♖xf6+ ♟gxf6 19. ♔xf6+ ♚xf6 20. ♖xf6#
- ② 1. ♔h8+ ♚xh8 2. ♙f6+ ♚g8 3. ♖xe8#
- ③ 1. ♖xb4+ ♟axb4 2. ♙a5+ ♚xa5 3. ♖a1+ ♚b6 4. ♔xa6#
- ④ 1. ♖d7 ♔f7 2. ♙xe5+ ♚g8 3. ♔g7+ ♚xg7 4. ♖xg7+ ♚h8 5. ♖xg6+ ♚f6 6. ♙xf6#

