4. Queen's Gambit

A gambit in chess is a sacrifice of a pawn or piece to gain an advantage in development.

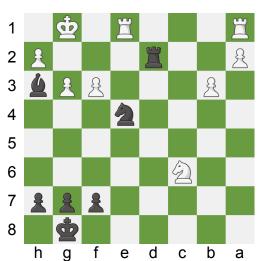
- The queen's gambit starts with the moves 1. △ d4 ≜ d5 2. △ c4 after which black can immediately capture white's pawn.
- However, white is able to develop quickly and control the center if black accepts the pawn offer. This opening is called "the queen's gambit accepted.
- In the "queen's gambit declined" black chooses not to take the pawn.

Challenge Puzzles

① Black to play - mate in 1.



3 Black to play - mate in 2.



② White to play - mate in 1.



4 Black to play - mate in 3.



Hints.

- ① Consider pieces that can check the white king.
- ② Mate with a rook.
- 3 Only checks will force this mate.
- ④ Find a move that draws out protecting pieces.

Answers.

- ② 1. **\Bar{2}** xh7# 1-0
- ③ 1. ... **ဋg2+** 2. **♠h1 ♠f2#** 0-1
- ④ 1.... **~**f2+ 2. **黨xf2 黨e1+ 3**. **罩f1 黨xf1# 0-1**