

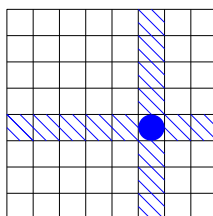


Check Mates

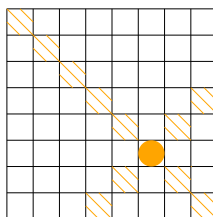
Graph Theory for Grandmasters

Chess pieces are only allowed to move/attack in a certain way:

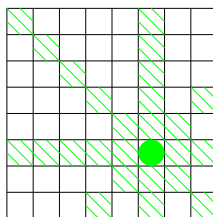
- A **Rook** is able to attack any square on the same row or column.



- A **Bishop** is able to attack any square on the same diagonal.



- A **Queen** is able to attack like a Rook OR a Bishop.



Can you figure out how to fit the following pieces on the same chessboard so that they can't attack one another?

- Eight rooks (easy)
- Fourteen bishops (tricky)
- Eight queens (hard!)