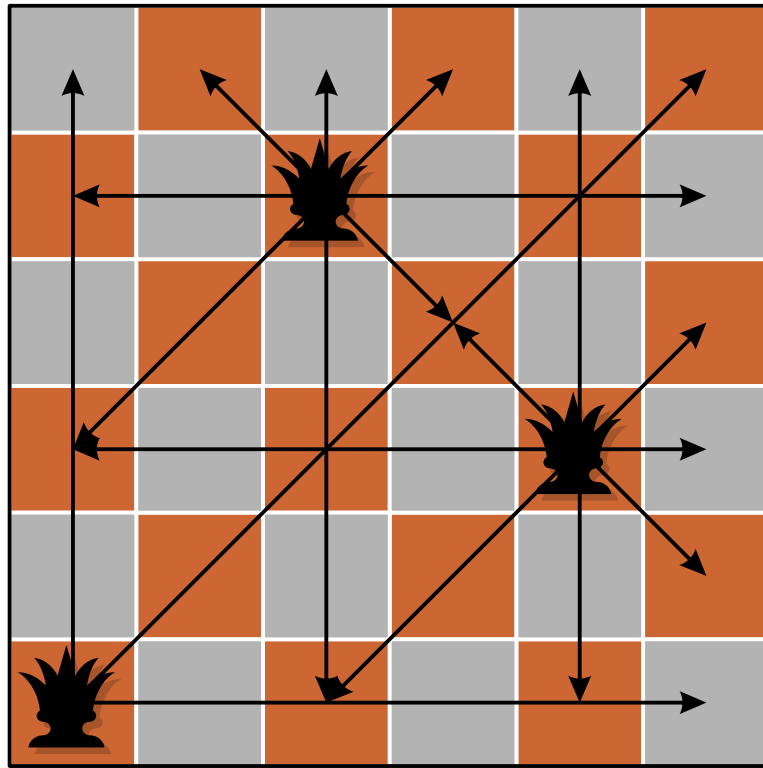


Can you place three chess queens on a 6x6 board so that all vacant cells are attacked? A vacant cell is considered to be attacked when it is in the same row, column or diagonal with at least one of the queens.

The basic scheme of the chess queen's moves is shown in the bottom diagram.



The only basic solution (not counting rotations and reflections) is shown in the illustration.