

1. Draw all tetrominoes.
2. Which tetrominoes can be used to tile the plane?
3. Which tetrominoes can be used to tile an 8 by 8 chessboard?
4. Suppose we are given fifteen copies of a tetromino which is not a square together with a square tetromino. For which shape tetrominos can an 8 by 8 chessboard be tiled?
5. Which rectangular shapes can be tiled using one copy of each pentomino?