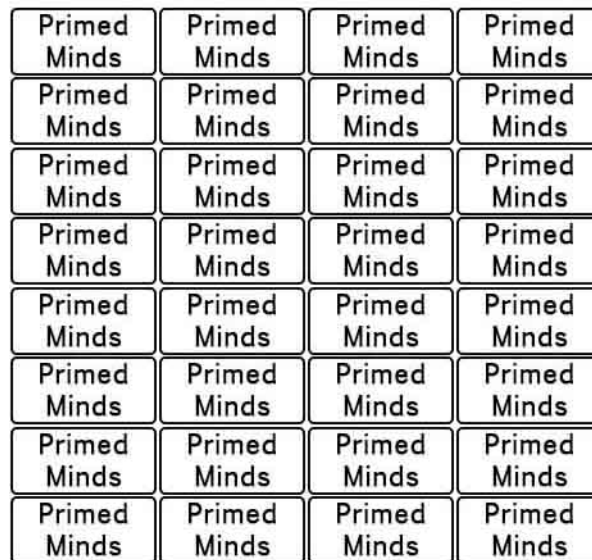
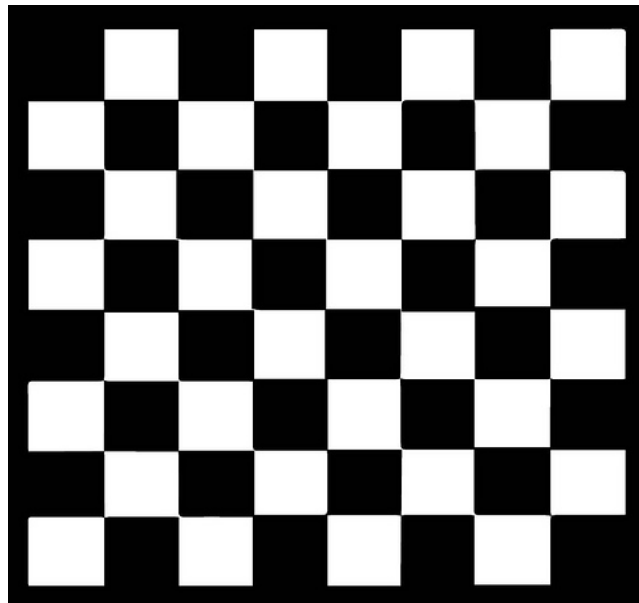


Handout: Covering a Chessboard with Dominoes

1. Cut out these dominos



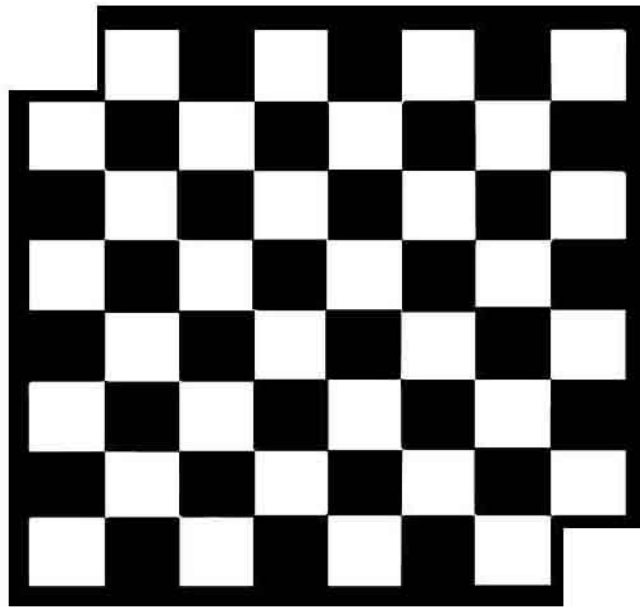
2. Check that you can cover the squares of the chessboard below with the dominoes you just cut out (no overlapping allowed).



3. Cut out the top left square of your chessboard, and now try covering it with dominoes (no overlapping allowed, and nothing dangling over the edges of the board).

4. If you're having trouble with the last question, can you see a reason it will never work?
5. Now cut out a second square from the diagonally opposite corner (ie. the bottom right) of the one you already cut out.

Your board should now look like this:



Now try covering what's left of the board with your dominoes.