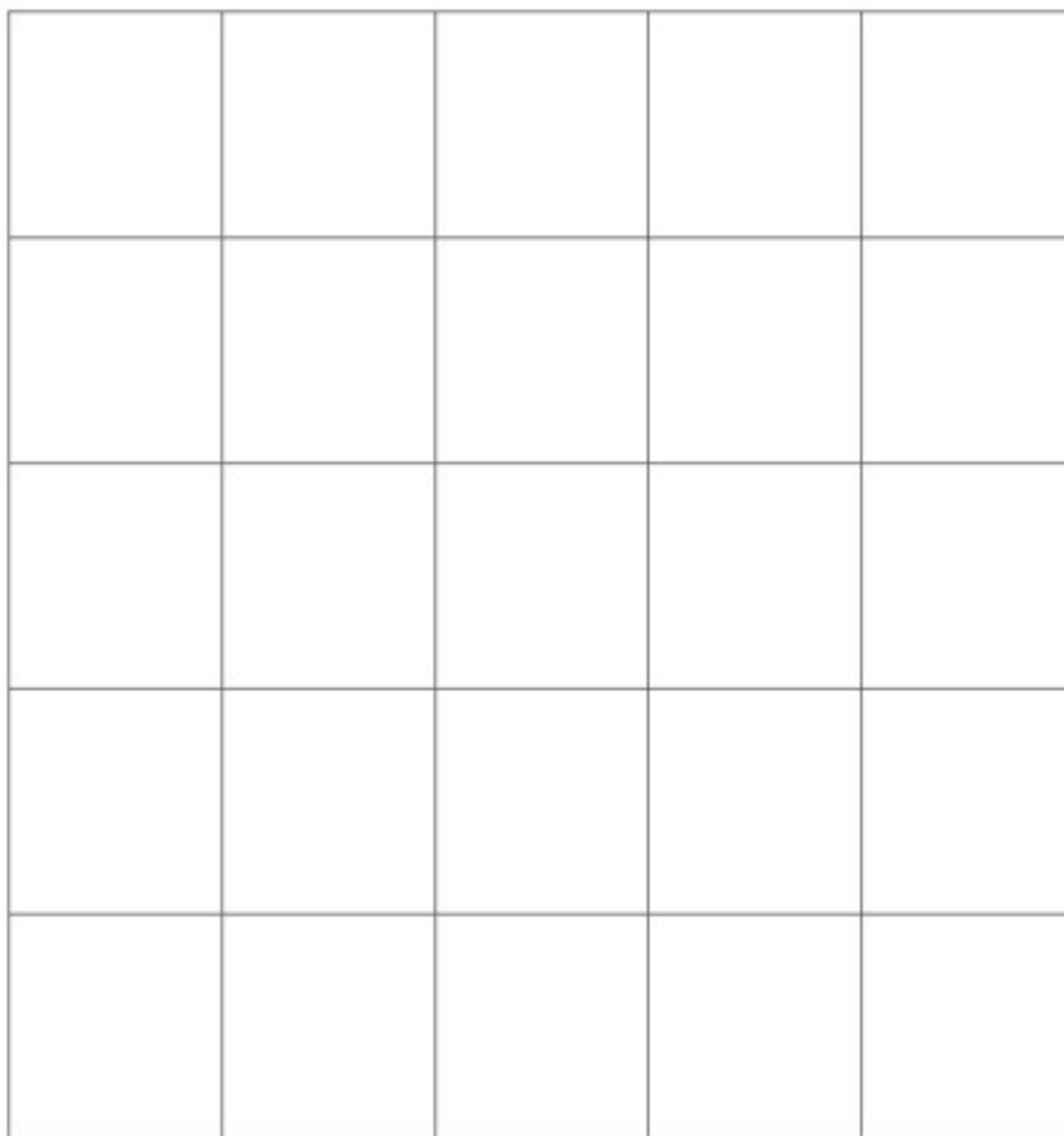# Colour in the square

You need 25 tiles, counters or cubes - 5 each of 5 colours.

First, try to put the 25 coloured tiles or cubes into the 5 x 5 square so that no column and no row have the same colour in them more than once.

Now try the same problem so that no diagonal lines have the same colour either - so no row, column or diagonal can have the same colour more than once.