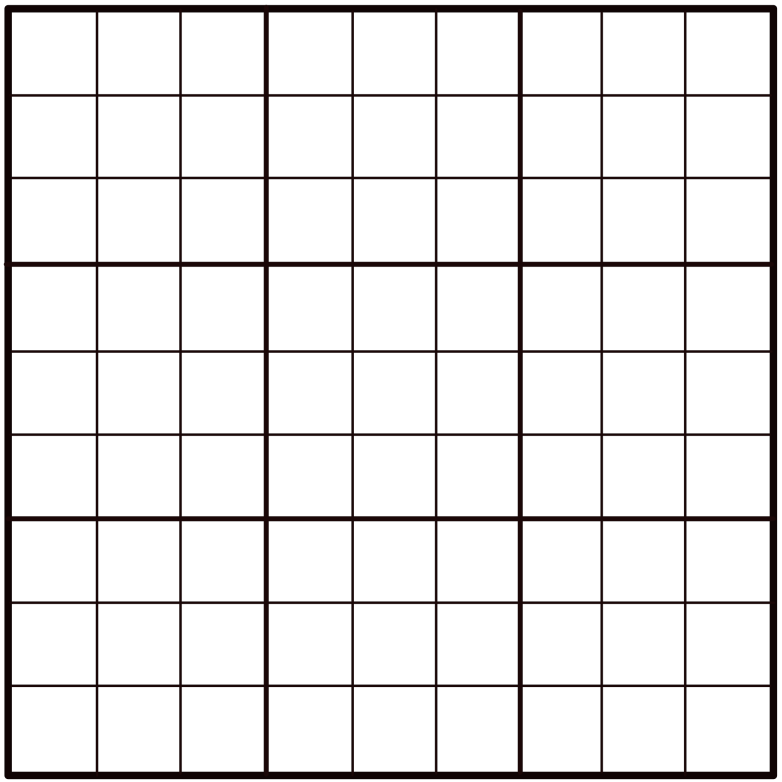
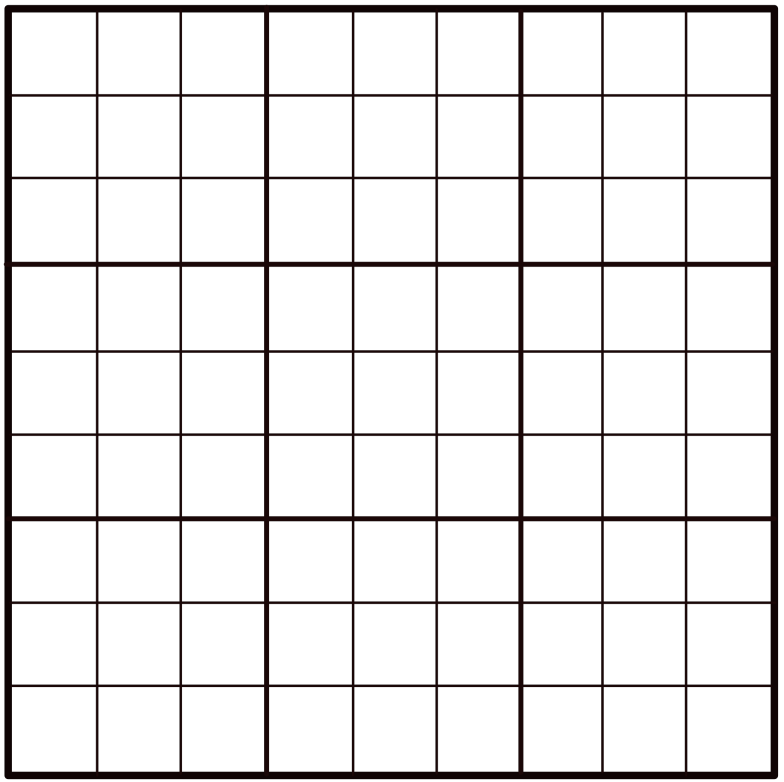
Grid 1



Grid 2



Instructions: Give each box in Grid 2 (i.e. column 1, row 1) a value that ranges from 0 to 1 - this value will be based on how much of the corresponding box in Grid 1 is shaded in.

If the box in Grid 1 is completely empty (like many of the corners boxes are), the value for that position on Grid 2 will be 0.0
If half of the box in Grid 1 is black, then the value for that position on Grid 2 will be 0.5

Of course this will not be reproducible between tables since choosing a value will be quite subjective however just input your best estimate (make sure to ask everyone on the table separately and choose the average value).

Next, cut out Grid 2 and then cut out the rows - this should give you 9 strips. Using tape, assemble one row after the other (in order). The first column of row 2 should go behind the last column of row 1 - after doing this with all rows, you will get one long strip. This is how the MNIST data set is assembled. From this exercise, you get one row since you only got information from one number. However, the data set that you will be working with today has many rows since it has information from multiple observations!