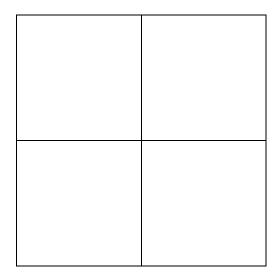
Here is a grid of four "boxes":



You must choose four different digits from 1-9 and put one in each box. For example:

5	2
1	9

This gives four two-digit numbers:

- 52 (reading along 1st row)
- $19 \ (reading \ along \ 2^{nd} \ row)$
- 51 (reading along 1st column)
- 29 (reading along 2nd column)

In this case, the sum of the $4\ two$ -digit numbers is 151.

Your challenge is find four different digits that give four two-digit numbers which add to a total of 100.

How many ways can you find of doing it?