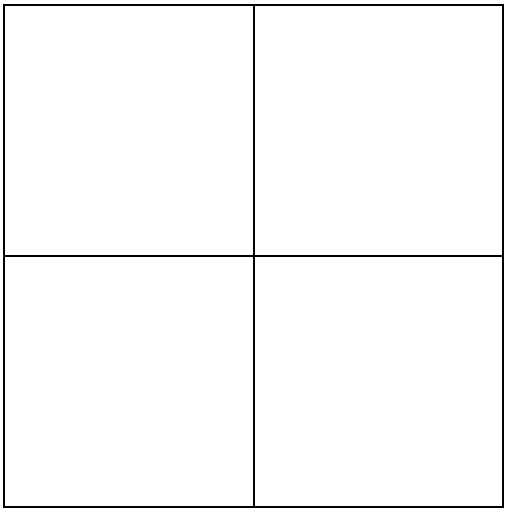
Grade 1
Rich Math Task
CCSS-M PL Dec. 2014

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 2nd 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?