

One must choose four different digits from 1 – 9 and write one in each box.

For example:

5	2
1	9

Here are four boxes.

This gives four two-digit numbers:

52 (reading along the 1st row);

19 (reading along the 2nd row);

51 (reading along the 1st column) and

29 (reading along the 2nd column).

Notice that $52 + 19 + 51 + 29 = 151$.

Now try finding four two-digit numbers in the same way using four different digits from 1 – 9 so that they add to a total of 197.

How many sets of numbers can you find?