# Two and two

## Mixed methods

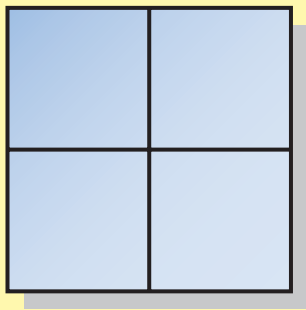
How many solutions can you find to this problem?
Each of the different letters stands for a different number.

$$\begin{array}{r} \text{T W O} \\ +\ \text{T W O} \\ \hline \text{F O U R} \end{array}$$

# Reach 100

## Mixed methods

Here is a 2 × 2 grid:



Choose four different digits from 1 to 9 and put one in each box. For example:

| | |
|---|---|
| 5 | 2 |
| 1 | 9 |

This gives four 2-digit numbers:

52 (reading along the 1st row)

19 (reading along the 2nd row)

51 (reading down the left-hand column)

29 (reading down the right-hand column)

In this case their sum is 151.

Your challenge is to find four different digits that give four 2-digit numbers which total 100.
How many ways can you find of doing it?