

## Adding ten tiles

Jim has ten tiles with one of the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 on each of them. He plays around and discovers that he can make some **addition sums** like the one below.

What's more, the four numbers on the tiles in the answer to the sum (the numbers in the bottom row), add up to 9.

$$\begin{array}{r} \square \quad \square \quad \square \\ + \quad \square \quad \square \quad \square \\ \hline \square \quad \square \quad \square \quad \square \end{array}$$

How many sums like that can he make?