

# Expanded Column Addition

Numbers can be added together using the written method of expanded column addition.

$$41 + 38 =$$

$$\begin{array}{r} \text{TO} + \text{TO} \\ 41 + 38 \end{array}$$

$$\begin{array}{r} 40 \quad + \quad 1 \\ 30 \quad + \quad 8 \\ \hline + \\ \hline \end{array}$$

1. Partition each number into tens and ones.

$$\begin{array}{r} \text{TO} + \text{TO} \\ 41 + 38 \end{array}$$

$$\begin{array}{r} 40 \quad + \quad 1 \\ 30 \quad + \quad 8 \\ \hline + \quad 9 \\ \hline \end{array}$$

2. Add the ones together, writing the answer in the answer section.

$$\begin{array}{r} \text{TO} + \text{TO} \\ 41 + 38 \end{array}$$

$$\begin{array}{r} 40 \quad + \quad 1 \\ 30 \quad + \quad 8 \\ \hline 70 \quad + \quad 9 \\ \hline \end{array}$$

3. Add the tens together, writing the answer in the answer section.

$$\begin{array}{r} \text{TO} + \text{TO} \\ 41 + 38 \end{array}$$

$$\begin{array}{r} 40 \quad + \quad 1 \\ 30 \quad + \quad 8 \\ \hline 70 \quad + \quad 9 \quad = 79 \\ \hline \end{array}$$

4. Recombine the tens and ones.