

## Complementary addition

LO: to find the difference between numbers by counting up.

We can solve subtraction problems by adding on from the smaller number in steps.

1. Add on to the next multiple of 10.
2. Add the multiple of ten that takes you to the multiple of ten just below your target number.
3. Add on the units to take you to your target number.
4. Finally, total your 'add ons' to find the answer to your calculation.

**Here are some examples to that show how it is done:**

$$\begin{array}{r} 83 \\ - 46 \\ \hline 4 \text{ To make } 50 \\ 30 \text{ To make } 80 \\ \underline{3} \text{ To make } 83 \\ \hline 37 \end{array}$$

$$\begin{array}{r} 107 \\ - 48 \\ \hline 2 \text{ To make } 50 \\ 50 \text{ To make } 100 \\ \underline{7} \text{ To make } 107 \\ \hline 59 \end{array}$$

Now try these yourself:

$$\begin{array}{r} 72 \\ - 36 \\ \hline \text{To make } 40 \\ \text{To make } 70 \\ \underline{\quad} \text{To make } 72 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 29 \\ \hline \text{To make } 30 \\ \text{To make } 90 \\ \underline{\quad} \text{To make } 91 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 48 \\ \hline \text{To make } 50 \\ \text{To make } 70 \\ \underline{\quad} \text{To make } 75 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 39 \\ \hline \text{To make } 40 \\ \text{To make } 60 \\ \underline{\quad} \text{To make } 68 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 59 \\ \hline \text{To make } 60 \\ \text{To make } 80 \\ \underline{\quad} \text{To make } 86 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 19 \\ \hline \text{To make } 20 \\ \text{To make } 60 \\ \underline{\quad} \text{To make } 63 \\ \hline \end{array}$$

$$\begin{array}{r} 105 \\ - 37 \\ \hline \text{To make } 40 \\ \text{To make } 100 \\ \underline{\quad} \text{To make } 105 \\ \hline \end{array}$$

$$\begin{array}{r} 103 \\ - 47 \\ \hline \text{To make } 50 \\ \text{To make } 100 \\ \underline{\quad} \text{To make } 103 \\ \hline \end{array}$$

$$\begin{array}{r} 108 \\ - 69 \\ \hline \text{To make } 70 \\ \text{To make } 100 \\ \underline{\quad} \text{To make } 108 \\ \hline \end{array}$$