

# Branching

## 2 digit addition

First, the child must understand the values of the **tens** and **ones**.

*If they understand how much each number is worth, then they can begin to branch.*


$$34 + 52$$

$$30 + 4$$

$$50 + 2$$

$$\begin{array}{c} 34 + 52 \\ \swarrow \quad \searrow \\ 80 + 6 \end{array}$$

Once you have the sums of the **tens** and **ones** places you can combine them and write the sum, the **standard form** of the number.

$$34 + 52$$


$$80 + 6 = 86$$

*This is how the problem may look when written by your child:*

$$\begin{array}{r} 34 + 52 \\ \text{---} \times \text{---} \\ 80 + 6 = 86 \end{array}$$

or

$$\begin{array}{r} 34 + 52 \\ \text{---} \times \text{---} \\ 80 + 6 \\ \text{---} \times \text{---} \\ 86 \end{array}$$