Partial Products & Box Method

There are other strategies you can use to solve multiplication problems. You can use the Box Method or the Partial Products.

Box Method

800 + 120 + 40 + 6

Step 1: Expand each of the factors you are multiplying.

Step 2: Set up the numbers above the boxes.

Step 3: Multiply the numbers in the rows and columns.

Step 4: Add all of the products found in each of the boxes to get the total.

Partial Products

Step 1: Multiply by the ones.

Step 2: Multiply by the tens.

Step 3: List all the partial

products.

Step 4: Add all of the partial products together to get the total.