

## Long Multiplication 4

There are various ways of calculating answers when multiplying numbers when both have 2 or more digits.

Example:  $28 \times 345$

This method multiplies each part then adds the totals to get the final answer.

$$\begin{array}{r} 345 \\ \times 28 \\ \hline = 2760 \\ = 6900 \\ + \underline{\underline{9660}} \end{array}$$

First multiply 8 by 5,4 and 3; carry where necessary  
Then put a 0 in the answer and multiply 2 by 5,4,3  
Add the totals to get the final answer.

Now try these using the same method.

1.  $59 \times 37 =$  \_\_\_\_\_

2.  $86 \times 52 =$  \_\_\_\_\_

3.  $19 \times 20 =$  \_\_\_\_\_

4.  $47 \times 35 =$  \_\_\_\_\_

5.  $72 \times 346 =$  \_\_\_\_\_

6.  $61 \times 637 =$  \_\_\_\_\_

7.  $79 \times 43 =$  \_\_\_\_\_

8.  $51 \times 95 =$  \_\_\_\_\_

9.  $746 \times 932 =$  \_\_\_\_\_

## Long Multiplication 4 – ANSWERS

1.  $59 \times 37 = 2183$

2.  $86 \times 52 = 4472$

3.  $19 \times 20 = 380$

4.  $47 \times 35 = 1645$

5.  $72 \times 346 = 24912$

6.  $61 \times 637 = 38857$

7.  $79 \times 43 = 3397$

8.  $51 \times 95 = 4845$

9.  $746 \times 932 = 695272$