## Long Multiplication

## Multiplying by a Two-Digit Number

$154 \times 26$
1 Write the numbers above each other in the correct columns.

three-digit number by the ones in the two-digit number.

4 ones $\times \mathbf{6}$ ones $=\mathbf{2 4}$ ones $=\mathbf{2}$ tens and 4 ones

Write 4 in the answer section and regroup the 2 tens by writing 2 above the tens column.


4
Finally, multiply the hundreds in the three-digit numbers by the ones digits in the two-digit number and add any regrouped hundreds.

1 hundred $\times 6=6$ hundreds +3 hundreds $\mathbf{= 9}$ hundreds

Write 9 in the answer section.

3 Next, multiply the tens in the three-
digit numbers by the ones digits in the two-digit number and add any regrouped tens.

5 tens $\times 6=30$ tens +2 tens $=32$
tens $=3$ hundreds and 2 tens


Write 2 in the answer section and regroup the 3 hundreds by writing 3 above the hundreds column.
$\qquad$

924

## Long Multiplication

## Multiplying by a Two-Digit Number



Multiply the hundreds in the three-digit number by the tens in the two-digit number and add any regrouped thousands.

1 hundred $\times 2$ tens $=2$
thousands +1 thousand $=3$ thousands

Write 3 in the answer section.
4 ones $\times 2$ tens $=8$ tens
Write 8 in the answer section.

Multiply the tens in the three-digit number by the tens in the two-digit number and add any regrouped hundreds.

5 tens $\times 2$ tens $=1$ thousand

Write 0 in the answer section and


8
Combine the totals using regrouping if required.
$9154 \times 26=4004$


