TWO-DIGIT MULTIPLICATION
EXPANDED ALGORITHM

Illustrate and solve the following problems using the expanded algorithm for multiplication. If you wish, draw the "box model" to help you.

Example:

$$
\begin{array}{r}
59 = 50 + 9 \\
\underline{\times\ 73 = 70 + 3} \\
3 \times 9 = \quad 27 \\
3 \times 50 = \quad 150 \\
70 \times 9 = \quad 630 \\
\underline{70 \times 50 = 3500} \\
\mathbf{4307}
\end{array}
$$

1) $26 = 20 + 6$
    $\underline{\times\ 15 = 10 + 5}$

2) $31 = 30 + 1$
    $\underline{\times\ 68 = 60 + 8}$

3) 85
    $\underline{\times\ 67}$

4) 74
    $\underline{\times\ 29}$

5) 46
    $\underline{\times\ 37}$

6) 38
    $\underline{\times\ 93}$