

TWO-DIGIT MULTIPLICATION MODIFIED ALGORITHM

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

Example:

$\begin{array}{r} 59 \\ \times 73 \\ \hline 177 \\ 4130 \\ \hline 4307 \end{array}$

1)
$$\begin{array}{r} 36 \\ \times 17 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 51 \\ \times 63 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 75 \\ \times 27 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 94 \\ \times 49 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 48 \\ \times 34 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 67 \\ \times 82 \\ \hline \end{array}$$