

Αλγόριθμος πολλαπλασιασμού διψήφιων αριθμών.

$$\begin{array}{r} 52 \\ \times 47 \\ \hline 364 \\ + \end{array}$$

Diagram illustrating the first step of the multiplication algorithm. The numbers 52 and 47 are shown. The first step is indicated by a box with the number 1. Arrows show the multiplication of 7 by 2 (step 1) and 7 by 5 (step 2). The partial product 364 is shown in a dashed box, and the addition line is ready for the next step.



$$\begin{array}{r} 52 \\ \times 47 \\ \hline 364 \\ + 208 \end{array}$$

Diagram illustrating the second step of the multiplication algorithm. The partial product 208 is added to the previous result. Arrows show the multiplication of 4 by 2 (step 3) and 4 by 5 (step 4). The final result 2444 is shown in a dashed box.



$$\begin{array}{r} 52 \\ \times 47 \\ \hline 364 \\ + 208 \\ \hline 2444 \end{array}$$

Diagram illustrating the final step of the multiplication algorithm. The final result 2444 is shown in a dashed box. An arrow points to the final result, and a box with the number 5 indicates the final step.