

A multiplication problem is shown. The multiplicand is 735, and the multiplier is 38. The product is to be calculated. The problem is set up as follows:

$$\begin{array}{r} 735 \\ \times 38 \\ \hline \end{array}$$

The product is to be calculated in the following boxes:

Diagram illustrating a multiplication problem using a grid of boxes. The multiplicand is 462 (blue boxes) and the multiplier is 67 (red and green boxes). The product area consists of four green boxes for the first row and five red boxes for the second row, with an additional five orange boxes below. A plus sign is to the left of the red boxes.