

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 boxes provided below the horizontal line.

Diagram illustrating the multiplication problem 462×67 using place value blocks. The multiplicand 462 is represented by blue blocks (4 hundreds, 6 tens, 2 ones). The multiplier 67 is represented by red blocks (6 tens, 7 ones). The product area is divided into two rows: the first row (green blocks) represents 462×6 and the second row (red blocks) represents 462×7 . A plus sign (+) is shown to the left of the second row. The final row of orange blocks represents the sum of the two partial products.