



Algoritmo OAOA para la multiplicación "Los vestidos" Método corto

$$\begin{array}{r} 423 = 400 + 20 + 3 \\ \cdot 2 \\ \hline 800 + 40 + 6 \\ \hline 846 \end{array}$$

- 1º Se descompone el multiplicando en sumandos ($423 = 400 + 20 + 3$)
2º Se multiplica cada sumando por el multiplicador ($400 \cdot 2$, $20 \cdot 2$ y $3 \cdot 2$)
3º Se calcula el resultado realizando la suma final ($800 + 40 + 6$)

$$\begin{array}{r} 257 = \quad + \quad + \\ \cdot 3 \\ \hline \end{array} \quad \begin{array}{r} \cdot 3 \\ \hline + \quad + \\ \hline \end{array}$$

$$\begin{array}{r} 328 = \quad + \quad + \\ \cdot 2 \\ \hline \end{array} \quad \begin{array}{r} \cdot 2 \\ \hline + \quad + \\ \hline \end{array}$$



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$$\begin{array}{r} 213 = \quad + \quad + \\ \cdot \\ 4 \end{array} \quad \begin{array}{r} \cdot \\ 4 \end{array}$$

$$\begin{array}{r} + \quad + \\ \cdot \\ 4 \end{array}$$

Diagram showing the decomposition of 213 into 200 + 10 + 3, and the multiplication of each part by 4. Red arrows point from the 200, 10, and 3 to the corresponding parts of the second equation.

$$\begin{array}{r} 264 = \quad + \quad + \\ \cdot \\ 5 \end{array} \quad \begin{array}{r} \cdot \\ 5 \end{array}$$

$$\begin{array}{r} + \quad + \\ \cdot \\ 5 \end{array}$$

Diagram showing the decomposition of 264 into 200 + 60 + 4, and the multiplication of each part by 5. Red arrows point from the 200, 60, and 4 to the corresponding parts of the second equation.