

# PARTIAL PRODUCTS

**Step 1:**

Multiply one digit at a time to get the product.

**Step 2:**

List all the partial products.

**Step 3:**

Add them all together.

$$\begin{array}{r} 10 \\ 23 \\ \times 12 \\ \hline \end{array}$$

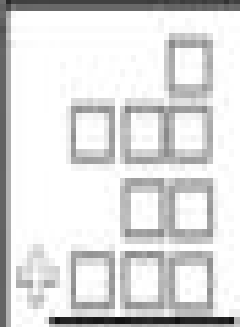
6	$2 \times 3 = 6$	}	multiply to get
40	$2 \times 20 = 40$		
30	$10 \times 3 = 30$	}	multiply to get
+ 200	$10 \times 20 = 200$		

$$\begin{array}{r} 276 \\ \hline \end{array}$$

These **partial products** help to solve.

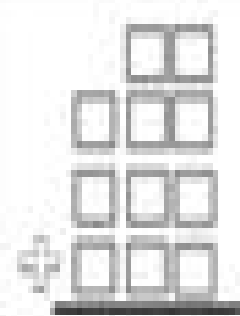
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$$\begin{array}{r} 32 \\ \times 14 \\ \hline \end{array}$$



$$\begin{array}{l} 4 \times 2 = \underline{\quad} \\ 4 \times 30 = \underline{\quad} \\ 10 \times 2 = \underline{\quad} \\ 10 \times 30 = \underline{\quad} \end{array}$$

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$



$$\begin{array}{l} 7 \times 5 = \underline{\quad} \\ 7 \times 20 = \underline{\quad} \\ 30 \times 5 = \underline{\quad} \\ 30 \times 20 = \underline{\quad} \end{array}$$