

4. How do the base ten blocks that you used to fill up the rectangle relate to the multiplication method known as Partial Products (shown below)?

Partial Products

$$\begin{array}{r} 23 \\ \times 18 \\ \hline 160 \\ 30 \\ 200 \\ \hline 414 \end{array}$$

	(8×3)
	(8×20)
	(10×3)
	(10×20)

5. The use of rectangles (like the large grid on the next page) to illustrate multiplication is called the area model for multiplication. Compute 25×14 using the standard algorithm, the partial products method, and the area model (using **base ten blocks**) to illustrate multiplication.

