

Three Paper-and-Pencil Methods

Using All-Partials



$$\begin{array}{r} 324 \\ \times 4 \\ \hline 1200 \\ 80 \\ 16 \\ \hline 1296 \end{array}$$

Using Rectangles



| | 300 | 20 | 4 | |
|---|-----------------------|--------------------|-------------------|--|
| 4 | $4 \times 300 = 1200$ | $4 \times 20 = 80$ | $4 \times 4 = 16$ | $\begin{array}{r} 1200 \\ 80 \\ + 16 \\ \hline 1296 \end{array}$ |

Using Expanded Form



$$\begin{array}{r} 324 = 300 + 20 + 4 \\ \times 4 \qquad \qquad \qquad \times 4 \\ \hline 1200 + 80 + 16 = 1296 \end{array}$$