

Bow-Tie Method

$$\begin{array}{r} 21 \\ \times 14 \\ \hline 294 \end{array}$$

$$\begin{array}{r} 20 + 1 \\ \times \\ 10 + 4 \\ \hline \end{array}$$

$$4 \times 1 = 4$$

$$4 \times 20 = 80$$

$$10 \times 1 = 10$$

$$10 \times 20 = 200$$

$$\hline 294$$

Break up each number in the problem into smaller numbers, then add up the products.