

Long Multiplication

Step 1

$$\begin{array}{r} 124 \\ \times 26 \\ \hline \end{array}$$

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2 4

Step 2

$$\begin{array}{r} 1 \ 2 \ 4 \\ \times \ 2 \ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \ 4 \\ 1 \ 2 \end{array}$$

Step 3

$$\begin{array}{r} \cancel{1} \ \cancel{2} \ \cancel{4} \\ \times \quad 2 \ 6 \\ \hline 7 \ 4 \ 4 \\ \cancel{1} \ \cancel{2} \end{array}$$

Step 4

$$\begin{array}{r} \cancel{1} \ \cancel{2} \ \cancel{4} \\ \times \quad 2 \ \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 4 \ 4 \\ \cancel{1} \ \cancel{2} \\ \quad \quad \quad 0 \end{array}$$

Step 5

$$\begin{array}{r} \cancel{1} \ \cancel{2} \ \cancel{4} \\ \times \quad 2 \ \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 4 \ 4 \\ \cancel{1} \ \cancel{2} \\ \quad 8 \ 0 \end{array}$$

Step 6

$$\begin{array}{r} \cancel{1} \ \cancel{2} \ \cancel{4} \\ \times \quad 2 \ \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 4 \ 4 \\ \cancel{1} \ \cancel{2} \\ 4 \ 8 \ 0 \end{array}$$

Step 7

$$\begin{array}{r} \cancel{1} \cancel{2} \cancel{4} \\ \times \quad 2 \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 4 \quad 4 \\ \cancel{1} \quad \cancel{2} \\ 2 \quad 4 \quad 8 \quad 0 \end{array}$$

Step 8

$$\begin{array}{r} \cancel{1} \cancel{2} \cancel{4} \\ \times \quad 2 \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 4 \ 4 \\ \cancel{1} \ \cancel{2} \\ 2 \ 4 \ 8 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 4 \\ \hline 1 \end{array}$$

Step 9

$$\begin{array}{r} \cancel{1} \cancel{2} \cancel{4} \\ \times \quad 2 \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 4 \ 4 \\ \cancel{1} \cancel{2} \\ 2 \ 4 \ 8 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \ 2 \ 4 \\ \cancel{1} \\ 1 \\ \hline \end{array}$$

Step 10

$$\begin{array}{r} \cancel{1} \cancel{2} \cancel{4} \\ \times \quad 2 \cancel{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \ 4 \ 4 \\ \cancel{1} \ \cancel{2} \\ 2 \ 4 \ 8 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \ 2 \ 2 \ 4 \\ \hline \cancel{1} \ \cancel{1} \end{array}$$