

HOME LINK
9•4

The Partial-Products Algorithm



Family Note Today the class began working with our first formal procedure for multiplication—the partial-products algorithm. Encourage your child to explain this method to you.

Please return this Home Link to school tomorrow.



Use the partial-products algorithm to solve these problems:

<p>Example</p> $\begin{array}{r} 46 \\ \times 7 \\ \hline 7 [40s] \rightarrow 280 \\ 7 [6s] \rightarrow + 42 \\ \hline 280 + 42 \rightarrow 322 \end{array}$	<p>1.</p> $\begin{array}{r} 31 \\ \times 3 \\ \hline \end{array}$
<p>2.</p> $\begin{array}{r} 75 \\ \times 5 \\ \hline \end{array}$	<p>3.</p> $\begin{array}{r} 85 \\ \times 9 \\ \hline \end{array}$
<p>4.</p> $\begin{array}{r} 43 \\ \times 6 \\ \hline \end{array}$	<p>5.</p> $\begin{array}{r} 162 \\ \times 7 \\ \hline \end{array}$