

MULTI-DIGIT MULTIPLICATION TASK CARDS


SHELLEY
GRAY

PARTIAL PRODUCTS

Solve the problem using the partial products strategy.

5 logs are needed for every hour that a fire burns. How many logs would be for a fire to burn for 26 hours?

Partial Products Task Cards: Card #1



This equation has been solved using partial products, but there is an error! Can you find it? Identify the error and make the necessary corrections.

$$\begin{array}{r} 43 \\ \times 8 \\ \hline 26 \\ + 320 \\ \hline 344 \end{array}$$

Partial Products Task Cards: Card #2

Predict: Will the product of this equation be greater than 600 or less than 600? Then solve it (using partial products) to find out.

$$256 \times 3$$

Partial Products Task Cards: Card #3



Are you teaching multi-digit multiplication?

These task cards have been designed so that your students will receive practice with the partial products strategy in many different ways.

Predict: Which equation will have a higher product?
Then solve each equation using the partial products strategy to see if you were right.

$$54 \times 6$$

One of the factors is missing in the equation below. Can you figure out what it is? How did you figure it out?

$$\begin{array}{r} 36 \\ \times \square \\ \hline 30 \\ + 150 \\ \hline 180 \end{array}$$

Partial Products Task Cards: Card #6

**24
TASK
CARDS**

These task cards will support your teaching of multi-digit multiplication for **understanding** and **flexibility** through problem solving, estimation, finding errors and more .



Here's what's included:



24 task cards



recording sheets to help students stay organized



a strategy reference poster for the classroom