


MULTI-DIGIT DIVISION TASK CARDS

SHELLEY
GRAY

PARTIAL QUOTIENTS

Solve the problem using the partial quotients strategy.

There are 1125 people on the soccer field. If there are 9 people on each team, how many teams of people are there?



Partial Quotients Task Cards: Card #1

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

$$\begin{array}{r} 3 \overline{) 450} \\ -300 \\ \hline 150 \\ -90 \\ \hline 60 \\ -60 \\ \hline 0 \end{array}$$

$100 + 20 + 20 = 140$

Partial Quotients Task Cards: Card #2

Predict: Will this equation have a remainder? Then solve it to find out.

$$337 \div 2$$

Partial Quotients Task Cards: Card #3

Solve the problem using the partial quotients strategy.

Each pie is cut into 8 pieces. If there are 448 pieces of pie altogether at the bake sale, how many whole pies are there?



Partial Quotients Task Cards: Card #4

Are you teaching *multi-digit division*?

Partial Quotients is an effective division approach that involves solving an equation in manageable parts. Many students prefer this approach to the traditional algorithm, as it is based on understanding rather than memorization of steps.

Predict: Will this equation have a remainder?
Then solve it to find out.

The divisor is missing from this equation. Can you figure out what it is? How did you figure it out?

$$\begin{array}{r} \square \overline{) 786} \\ -500 \\ \hline 236 \\ -200 \\ \hline 36 \\ -35 \\ \hline 1 \end{array} \begin{array}{l} \times 100 \\ \times 40 \\ \times 7 \end{array}$$

Partial Quotients Task Cards: Card #6

24 TASK CARDS

These task cards will support your teaching as you teach one of the most challenging concepts we face in our math class – multi-digit division!



Here's what's included:



24 task cards



recording sheets to help students stay organized



strategy poster for the classroom