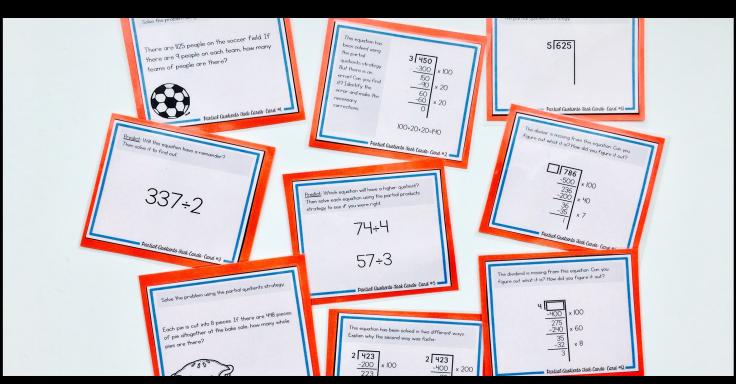
# Partial Quotients TASK CARDS

an alternative for long division

2 and 3 digit dividends; I-digit divisors some remainders



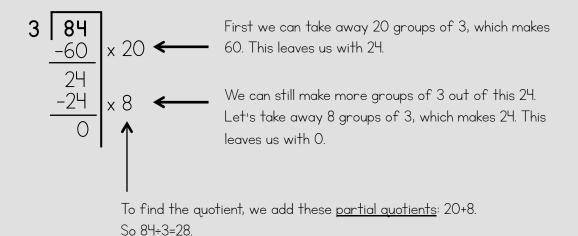
Created by Shelley Gray

# The Partial Quotients Strategy: an alternative to long division

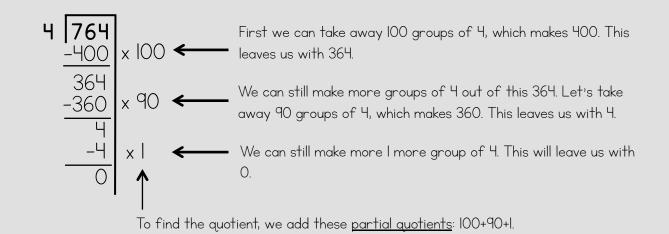
Partial Quotients is an effective alternative for traditional long division. It is a mental math based approach in which a division equation is solved in manageable parts in order to find the final quotient.

The partial quotients strategy involves subtracting parts until you get to 0, or as close to 0 as possible.

Let's take a look at how we perform the partial quotients strategy. I have also included a video link on the next page.



Here's another example. Notice that we try to work with "easy" numbers, such as multiples of 10 and 100:

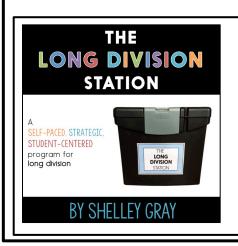




Here is a link to a video that I've made about the Partial Quotients Method for division. Please watch this to familiarize yourself with this method.

https://www.youtube.com/watch?v=IHKIPJ7y9ow

So 764+4=191.

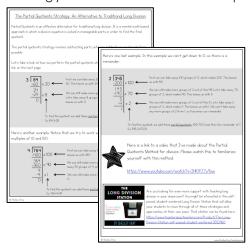


Are you looking for even more support with teaching long division in your classroom? You might be interested in this self-paced, student-centered Long Division Station that will allow your students to move through all of these strategies and approaches at their own pace. That station can be found here: <a href="https://www.teacherspayteachers.com/Product/The-Long-">https://www.teacherspayteachers.com/Product/The-Long-</a>

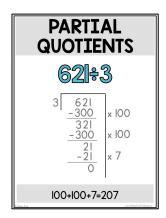
Division-Station-self-paced-student-centered-3552960

## This resource includes...

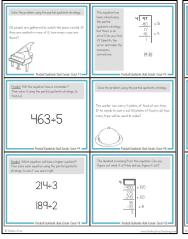
Detailed explanations of the partial quotients strategy, as well as a link to a helpful video



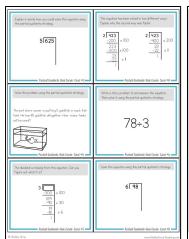
A partial quotients strategy poster to display in your classroom:

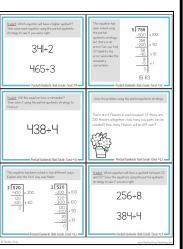


Twenty-four task cards that practice the partial quotients method in a variety of different ways

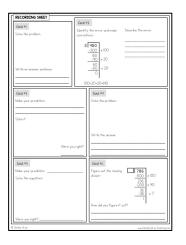


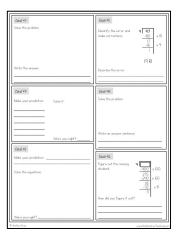


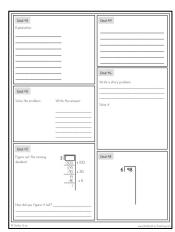




### Recording sheets to help your students stay organized

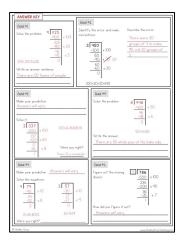


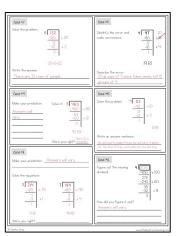


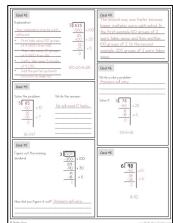


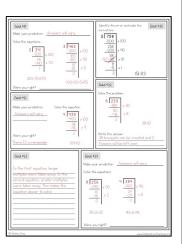


#### Answer keys to make self-checking a breeze!









www.ShelleyGrayTeaching.com