Long Division

TASK CARDS

4-digit dividends, 1-digit divisors
no remainders

5607÷7

Solve the division equation:
5736÷4

1230÷5

Solve the division equation:
2982÷2

5712÷4

Solve the division equation:
6725÷5

Solve the division equation:
2514÷3

Solve the division equation:
4207÷7

Solve the division equation:
2524÷2

Solve the division equation:
6216÷3

Methods and Alternatives for Long Division

These task cards have been designed so that you can choose to have your students use any method for solving the equations. There are several alternatives for traditional long division that you may be interested in teaching your students. Two of these alternatives in particular (the box method and partial quotients) stress a mental math understanding that will enhance your students' understanding of number when solving the equations.

I have included four reference posters in this task card set. These posters can be used as a reference for the different approaches to multi-digit division. These include the box method, partial quotients, the grid method, and traditional long division.
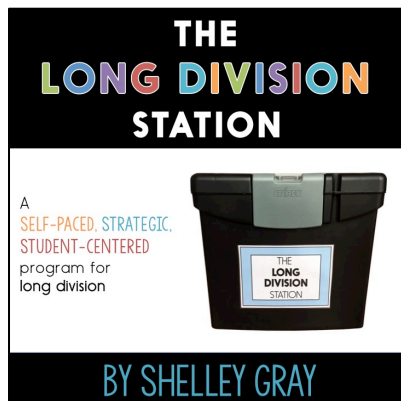
I have also created some videos for three of these approaches that may be helpful for you as you teach long division. Here are the links to those videos:

The Box Method: https://www.youtube.com/watch?v=yQivSMmYm2O
Partial Quotients: https://www.youtube.com/watch?v=IHKlPJ7y9ow
The Grid Method: https://www.youtube.com/watch?v=OKnS-UHMZGU

THE LONG DIVISION STATION

A SELF-PACED, STRATEGIC, STUDENT-CENTERED program for long division

BY SHELLEY GRAY

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: https://www.teacherspayteachers.com/Product/The-Long-Division-Station-self-paced-student-centered-3552960

This resource includes...

Video links to a variety of different alternatives for traditional long division

Reference posters for four different multi-digit division strategies: the box method, partial quotients, the grid method, and traditional long division

THE BOX METHOD
for division
621÷3

PARTIAL QUOTIENTS
621÷3

THE GRID METHOD
for division
621÷3

LONG DIVISION
621÷3
MULTIPLY, SUBTRACT, BRING DOWN

Twenty-four task cards that can be used to practice long division using any approach

Solve the division equation:	Solve the division equation:
2020÷4	1774÷2
6315÷3	8071÷7
1008÷4	6544÷2

Solve the division equation:	Solve the division equation:
4207÷7	6216÷3
2982÷2	5712÷4
6725÷5	8817÷3

Solve the division equation:	Solve the division equation:
5607÷7	2514÷3
1230÷5	5736÷4
1720÷2	2524÷2

Solve the division equation:	Solve the division equation:
3164÷2	4745÷5
2364÷4	1918÷2
4017÷3	5412÷6

Spacious recording sheets to help your students stay organized and with enough room to solve each equation using any strategy

Answer key to make self-checking a breeze!

RECORDING SHEET - page 1
Card #1
Card #2

RECORDING SHEET - page 2
Card #7
Card #6
Card #9
Card #10
Card #8
Card #12

RECORDING SHEET - page 3
Card #13
Card #14
Card #15
Card #16
Card #17

RECORDING SHEET - page 4
Card #9
Card #10
Card #11
Card #21
Card #23
Card #24

Card #3
Card #5

ANSWER KEY	
1. 18 R3	13. 19
2. 143 R2	14. 83 R1
3. 43	15. 27
4. 149	16. 77
5. 32 R2	17. 11 R1
6. 323	18. 75
7. 13	19. 16 R1
8. 73	20. 418
9. 19	21. 12 R3
10. 48 R3	22. 75
11. 11 R2	23. 19 R1
12. 170 R2	24. 119

www.ShelleyGrayTeaching.com