Multiplying Two-Digit Numbers by Multiples of 10, 100 & 1000
TASK CARDS
for multi-digit multiplication

Created by Shelley Gray

About this Resource

This set of task cards involves multiplying two-digit numbers by 10, 100, and 1000. It is important to teach the strategies and rules for these types of equations so that students can use them later on with more difficult equations.

Here are a couple of tips for teaching students to multiply by 10, 100, and 1000:

- Emphasize place value understanding. For example, when multiplying by 10, all of the place values increase by one place. When multiplying by 100, all of the place values increase by two places, etc.
- Once place value understanding has been established, then have students work with patterns and strategies such as, "add two zeroes when multiplying by 100."

You may also be interested in other effective methods for multi-digit multiplication, such as the partial products strategy or lattice multiplication. Using alternative methods in your classroom rather than focusing on the traditional algorithm can literally be a game-changer for your students! See more ideas here:

http://shelleygrayteaching.com/effective-strategies-teach-multi-digit-multiplication/

Are you looking for even more support with teaching multi-digit multiplication in your classroom? You might be interested in this self-paced, student-centered Multi-Digit Multiplication Station that will allow your students to move through a variety of multiplication strategies at their own pace. That station can be found here: https://www.teacherspayteachers.com/Product/The-Multi-Digit-Multiplication-Station-self-paced-student-centered-3157826

This resource includes...

twenty-four task cards to reinforce multiplying two-digit numbers by 10, 100, and 1000 in different ways

Solve the problem:

There are 20 flower seeds in each package. How many flower seeds are in 5000 packages?

Card #12

Complete the task:

Write two equations that equal 20,000.

Solve the problem.

Mr. Anderson asks each student to bring 40 pencils to school. If there are 25 kids in his class, how many pencils are there in all?

Card #9

How many zeros will the product have? How do you know?

$$400 \times 20$$

Explain in words how you could solve this equation.

$$25 \times 200$$

Two Digit By 10, 100, 1000 Task Cards: Card #7

Fill in the missing factors:

$$50 \times \underline{\hspace{1cm}} = 600$$

$$\underline{\hspace{1cm}} \times 700 = 7700$$

$$\underline{\hspace{1cm}} \times 80 = 6400$$

Two Digit By 10, 100, 1000 Task Cards

Solve the problem:

200 kids went on the zip line today at the adventure park. Each kid paid $12. How much money was earned at the zip line today?

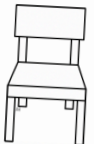Two Digit By 10, 100, 1000 Task Cards: Card #4

Solve:

$$200 \times 20$$

$$40 \times 40$$

Two Digit By 10, 100, 1000 Task Cards: Card #2

Solve the problem.

There are 60 rows of chairs with 10 in each row. How many chairs are there in all?

Two Digit By 10, 100, 1000 Task Cards: Card #1

Recording sheets to help your students stay organized

RECORDING SHEET - PAGE 1

Card #1
Solve the problem:

Card #2

Card #3
Which equation is true?

How do you know?

Card #4
Solve the problem.

Card #5
Predict: _____

Were you right? _____

Card #6
50x_____
_____x7

RECORDING SHEET - PAGE 2

Card #7

Card #8

Card #9
Solve the problem:

Card #10
Write a story problem:

Solve it:

Card #11

Card #12
Solve the problem:

Also includes answer keys to make self-checking a breeze!