

# Fluently Multiply Multi-Digit Whole Numbers

**Essential Question:** What are the standard procedures for estimating and finding products of multi-digit numbers?

## Digital Resources



Natural resources like water and coal come from Earth.

Water is a renewable resource because it can be used over and over again.

I'll get a giant straw! Here's a project on water usage and multiplication.

## Math and Science Project: Water Usage

**Do Research** Use the Internet or other sources to find how much water is used for household activities like taking a shower or bath, using a dishwasher, hand washing dishes, and using a washing machine.

**Journal: Write a Report** Include what you found. Also in your report:

- Choose 3 of the activities. Estimate how many times each activity is done each week in your household.
- Estimate the weekly water usage for each activity. Organize your results in a table.
- Make up and solve multiplication problems based on your data.