Module 2   Whole Number Operations
Lesson 3   Large Numbers: Multiplication

Lesson Objective

- Develop and use a variety of algorithms with computational fluency to perform whole number operations using multiplication (up to three-digit × two-digit), including **real-world problems**.

Subtopic 1   Estimation and Multiplying with Zeros

A _____ is the result of multiplication.

Estimate the following.

1 405×6

2 208×8

Subtopic 2   Partial Products Method of Multiplication

Partial Products Method for Multiplication

Multiply each _____in one factor by each digit in the other_____.

Add the _____to find the total product.

Use the Partial Products Method to solve the following problems.

3 In Major League Baseball's National League, there are 16 teams with 25 players on each team. How many players are there altogether?

4 Keisha saves $125 every month. How much does she save in 36 months?

Standard Multiplication Using Base Ten Blocks

Solve.

5 56×45

6 283×37