NAME

•

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 **product** is the result of multiplication.

Estimate the following.



 $\textbf{208} \times \textbf{8} \approx \textbf{1,600}$

Subtopic 2 Partial Products Method of Multiplication

Partial Products Method for Multiplication

Multiply each **digit** in one factor by each digit in the other **factor**. Add the **partial products** to find the total product. Use the Partial Products Method to solve the following problems.

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



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

	125	;
×	36	
3	,000	
	600	
	150	
	600	
	120	
+	30	
\$4 .	,500	saved by Keisha

Subtopic 3

Standard Multiplication Using Base Ten Blocks

Solve.

