

# Lesson Notes 2.1

NAME \_\_\_\_\_

Module 2 Whole Number Operations  
Lesson 1 Large Numbers: Addition

## Lesson Objective

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

## Subtopic 1 Partial Sums Method for Addition

Partial Sums Method for Addition

- Add one \_\_\_\_\_ column at a time.
- Write each \_\_\_\_\_ sum.
- Add all the \_\_\_\_\_ to find the total sum.

Use the Partial Sums Method to solve.

**1** Riley drove 2,289 miles last week and 1,327 miles this week. How many miles did Riley drive both weeks?

**2** One book has 1,546 pages. Another book has 976 pages. How many pages are in both books?

**Subtopic 2****Column Addition Method for Addition**

## Column Addition Method for Addition

- Add one \_\_\_\_\_ column at a time.
- Write each \_\_\_\_\_ answer.
- If necessary, adjust each \_\_\_\_\_ answer one \_\_\_\_\_ at a time.

**Use the Column Addition Method to solve.**

**3** Josh has a score of 12,725 points on a quiz show. He answers a problem correctly to earn an additional 8,290 points. What is Josh's new score?

**4** A bakery sold 876 doughnuts on Saturday and 659 doughnuts on Sunday. How many doughnuts did the bakery sell on both days?

**Subtopic 3****Standard Addition Model****Solve.**

**5**  $129 + 199$

**6**  $587 + 394$