

Assessment Opportunities



Primary Mathematics uses the Phases of Learning to ensure mastery throughout the chapter with a wide variety of assessments.

Assessments are available in multiple formats. Paper-and-pencil formats allow students to draw visual models for teachers to assess student work and thinking.

Digital assessments are auto graded and provide rich data that help teachers address student-specific skills, gaps and advance student learning.

Formative Assessments

- Recall
- Practice on Your Own
- Chapter Practice

Summative Assessments

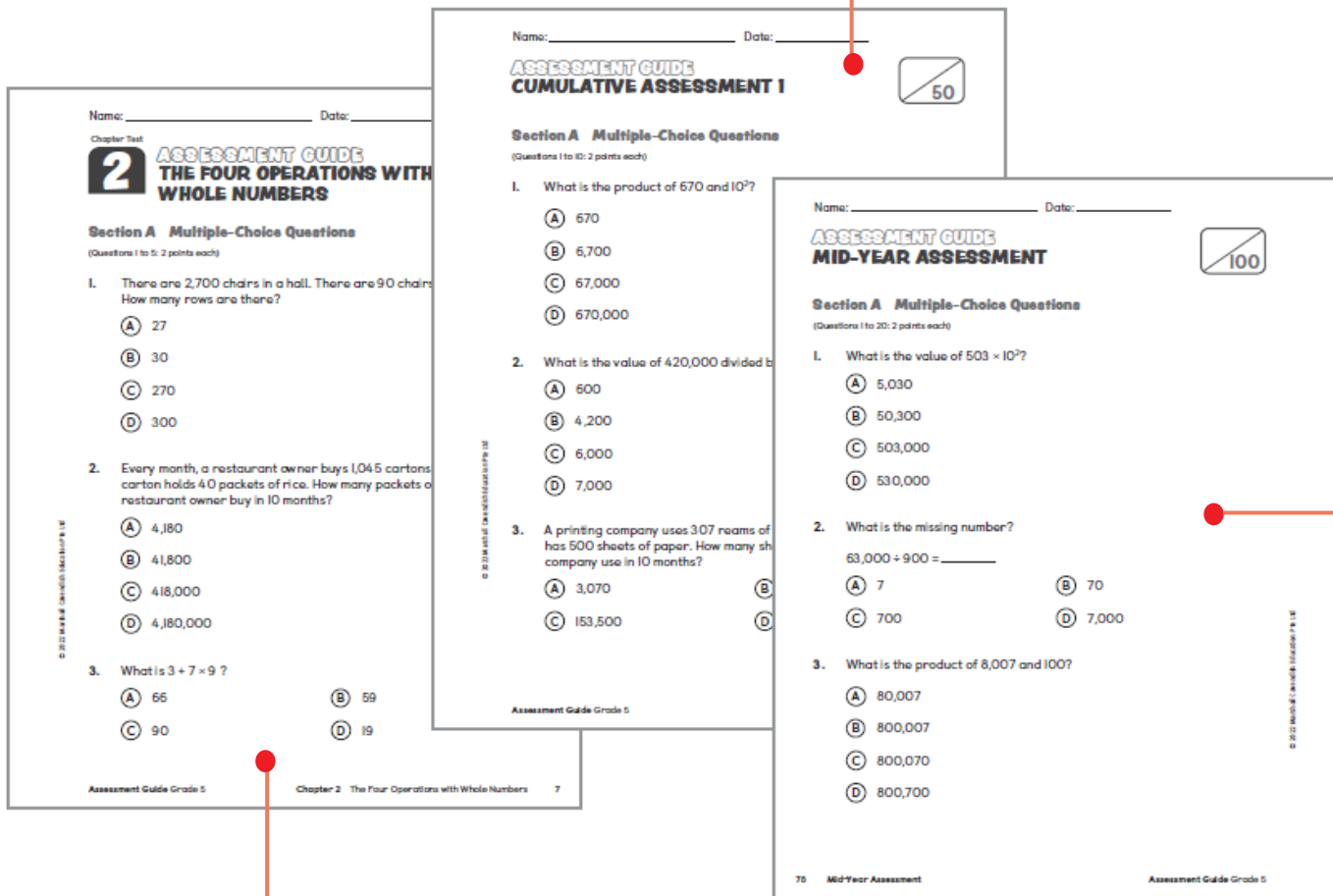
- Chapter Test
- Cumulative Assessment
- Mid-Year and End-of-the-Year Benchmark Assessments

Project-Based Formative Assessments

- Performance Task
- STEAM Project

Summative Assessments

CUMULATIVE ASSESSMENTS occur at the end of a few chapters to assess students' mastery of the concepts and skills across the chapters.



MID-YEAR and END-OF-YEAR assessments are given to students to assess their mastery levels and provide feedback on their learning midway and at the end of the year.

CHAPTER TESTS are administered at the end of each chapter to assess students' mastery of the concepts and skills in the chapter.

Project Based Formative Assessments




Name: _____ Date: _____

Performance Task

Camila is planning a trip to Sweden, Sri Lanka, and Columbia. She exchanges some foreign currencies using the exchange rates shown.

Exchange 1 U.S. Dollar (USD) for		
Sweden Krona	SEK	10
Sri Lankan Rupee	LKR	200
Columbian Peso	COP	3,000

- How much of each currency will Camila receive if she exchanges 390 USD each time? Show your work.
- REASON AND MODEL** Camila bought some souvenirs when she was in Sri Lanka. She spent a total of 36 USD on four souvenirs.

Using a table, make a list of the four souvenirs that Camila could have bought.

Performance Task 29

PERFORMANCE TASKS are assessment tasks, set in real-world contexts, with accompanying rubrics. The questions require application of concepts and skills learned. They may also have open-ended questions with limited possible answers.

STEAM PROJECT WORK is an interdisciplinary task that spans multiple chapters and shows the relevance and importance of mathematics.

STEAM Project Work

Perfect Slime Recipe

Do you know that slime is neither liquid nor solid? What makes slime sticky and stretchy so that you can pull and play with it? One of the ingredients used in making slime is glue. What other ingredients do you think you would need to make slime?

Task

- Use the internet to learn about the science behind making slime and find some homemade slime recipes.
- Create your own slime recipe using fractions and mixed numbers.
- Make the slime using your recipe. You may need to experiment with the amount of ingredients and/or the type of ingredients to perfect your recipe.
- Write the instructions by including addition, subtraction, multiplication, and division of fractions and mixed numbers.
- Compare your slime with your classmates. How does the slime flow differently?
- Share your recipe with your classmates and have them convert the fractions and mixed numbers to decimals.

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142 Chapter 3 Addition and Subtraction of Fractions

Formative Assessments

Name: _____ Date: _____

Recall

1. What number is shown?



(A) 536,142 (B) 561,342
(C) 563,124 (D) 563,142

2. Write the numbers in standard form.

(a) three hundred fifty-one thousand, two hundred nineteen _____

(b) six hundred twenty-three thousand, eighty-five _____

3. Write the numbers in word form.

(a) 708,402 _____

(b) 890,006 _____

2 Chapter 1 Multi-Digit Whole Numbers

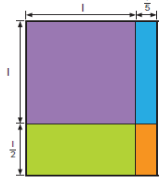
RECALL assesses students' readiness for the chapter so that teachers can allocate appropriate resources during lessons. Available online in an auto-graded format with data-driven reports that illustrate students' performance levels.

PRACTICE ON YOUR OWN is an independent practice at the end of the lesson. It informs teachers which differentiated resources they should assign to their students. This is also available online in auto-graded format, with data-driven reports to illustrate students' performance levels.

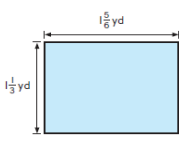
Practice On Your Own

1. Multiply. Express your answers in simplest form.

(a) $\frac{1}{5} \times \frac{1}{2}$



(b) $1\frac{5}{6} \times 1\frac{1}{3}$



186 Chapter 4 Multiplication and Division of Fractions

Name: _____ Date: _____

Chapter Practice

1. Fill in the blank.
 $6,000,000 + 50,000 + 300 + 4 =$ _____

(A) 6,050,304 (B) 6,050,340
(C) 6,053,004 (D) 6,534,000

2. The value of the digit 4 in the number 5,243,876 is 10 times the value of the digit 4 in which of the following number?

(A) 5,295,142 (B) 6,428,697
(C) 7,314,950 (D) 8,982,431

3. Write 3,845,712 in word form.

4. Fill in the blanks.

(a) _____ $\times 1,000 = 3,079,000$
(b) $248 \times 10^2 =$ _____
(c) $5,204 \times$ _____ $= 5,204,000$
(d) $20 \times 9,000 = 18 \times$ _____

Chapter Practice 33

CHAPTER PRACTICE consolidates concepts and skills across a chapter through leveled practice and independent practice. This is also available online in an auto-graded format, with data-driven reports that illustrate students' performance levels.