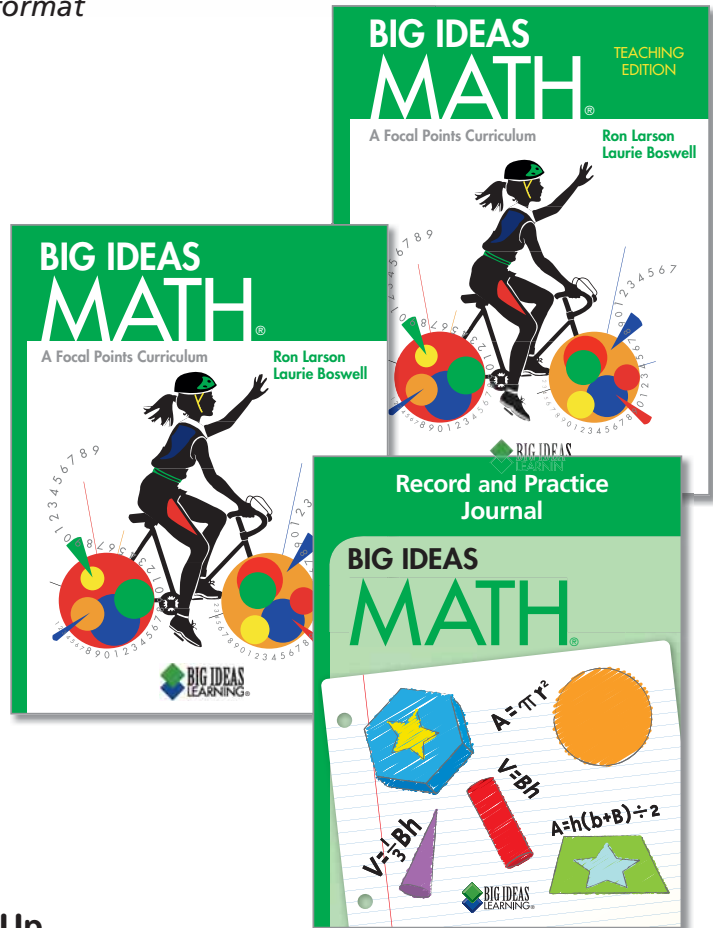


# PROGRAM OVERVIEW

## Print

Available in print, online,  
and in digital format

- Pupil Edition
- Teaching Edition
- Record and Practice Journal
- Assessment Book
  - Pre-Course Test
  - Quizzes
  - Chapter Tests
  - Standardized Test Practice
  - Alternative Assessment
  - End-of-Course Tests
- Resources by Chapter
  - Start Thinking! and Warm Up
  - Family and Community Involvement: English, Spanish, and Haitian Creole
  - School-to-Work
  - Graphic Organizers/Study Help
  - Financial Literacy
  - Technology Connection
  - Life Connections
  - Stories in History
  - Extra Practice
  - Enrichment and Extension
  - Puzzle Time
  - Unit Project with Rubric
  - Cumulative Practice



- Differentiating the Lesson
- Skills Review Handbook
- Basic Skills Handbook
- Worked-Out Solutions
- Lesson Plans
- Teacher Tools

### Skills Review Handbook

**REVIEW: Dividing Mixed Numbers** Name \_\_\_\_\_

**Key Concept and Vocabulary**  
Divide as separate fractions.

**Visual Model**  
Divide  $\frac{3}{4}$  into four equal parts. Each part is  $\frac{3}{16}$ .

**Skill Example:**  
1.  $5 \div \frac{3}{4} = \frac{5}{1} \cdot \frac{4}{3} = \frac{20}{3} = 6\frac{2}{3}$   
2.  $2\frac{1}{2} \div \frac{1}{3} = \frac{5}{2} \cdot \frac{3}{1} = \frac{15}{2} = 7\frac{1}{2}$   
3.  $3\frac{1}{2} \div \frac{2}{3} = \frac{7}{2} \cdot \frac{3}{2} = \frac{21}{4} = 5\frac{1}{4}$   
4.  $\frac{3}{4} \div 11 = \frac{3}{4} \cdot \frac{1}{11} = \frac{3}{44}$

**Application Example**  
5. You need  $\frac{3}{4}$  inches of ribbon to make a Blue Ribbon award. How many awards can you make with 20 inches of ribbon?  
 $20 \div \frac{3}{4} = \frac{20}{1} \cdot \frac{4}{3} = \frac{80}{3} = 26\frac{2}{3}$   
You can make 26 awards.

**PRACTICE MAKES PURR-FECT™** Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com)

Find the quotient. Write your answer in simplest form.  
6.  $\frac{3}{4} \div 9 =$       7.  $\frac{2}{3} \div 8 =$       8.  $\frac{5}{6} \div 7 =$       9.  $\frac{1}{2} \div 4 =$   
10.  $8 \div \frac{1}{2} =$       11.  $32 \div \frac{3}{4} =$       12.  $11 \div 2\frac{1}{2} =$       13.  $9 \div \frac{1}{3} =$   
14.  $\frac{3}{4} \div \frac{1}{2} =$       15.  $\frac{1}{2} \div \frac{2}{3} =$       16.  $\frac{1}{3} \div \frac{1}{4} =$       17.  $\frac{2}{3} \div \frac{1}{2} =$

Find the missing dimension.  
18.      19.      20.

20. **RED RIBBONS** You need  $\frac{3}{4}$  inches of ribbon to make a Red Ribbon award. How many awards can you make with 20 inches of ribbon? \_\_\_\_\_

21. **SHIPPING** You are stacking books into a shipping box that is 15 inches high. Each book is  $\frac{1}{2}$  inches thick. How many books can you fit in a stack? \_\_\_\_\_

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### Basic Skills Handbook

**Adding Like Fractions** Name \_\_\_\_\_

**Key Concept and Vocabulary**  
Add like fractions.

**Visual Model**  
Add  $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$ .  
Add  $\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$ .  
Add  $\frac{1}{4} + \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$ .

**PRACTICE MAKES PURR-FECT™** Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com)

Shade the sum. Then, add the fractions. Show your work in the space below.

1.  $\frac{1}{4} + \frac{2}{4} =$       2.  $\frac{1}{4} + \frac{1}{4} =$   
3.  $\frac{1}{4} + \frac{1}{4} =$       4.  $\frac{1}{4} + \frac{1}{4} =$

5. **BOOK THICKNESSES** Each cover of a book is one-eighth inch thick. The pages are five-eighths inch thick. How thick is the book?

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# Technology

- **Big Ideas ExamView® Assessment Suite**  
Includes
  - Test Generator
  - Test Player
  - Test Manager
- LessonView® Dynamic Planning Tool
- PuzzleView® Vocabulary Puzzle Builder
- MindPoint® QuizShow
- Interactive Glossary: English, Spanish, Haitian Creole
- Dynamic Classroom
- Answer Presentation Tool
- BigIdeasMath.com
  - Student Companion Website
  - Teacher Companion Website
- Lesson Tutorials
- Online Pupil Edition

