

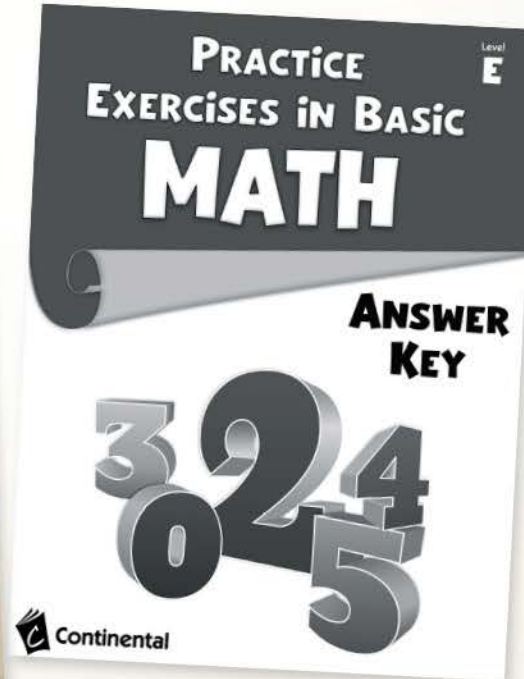
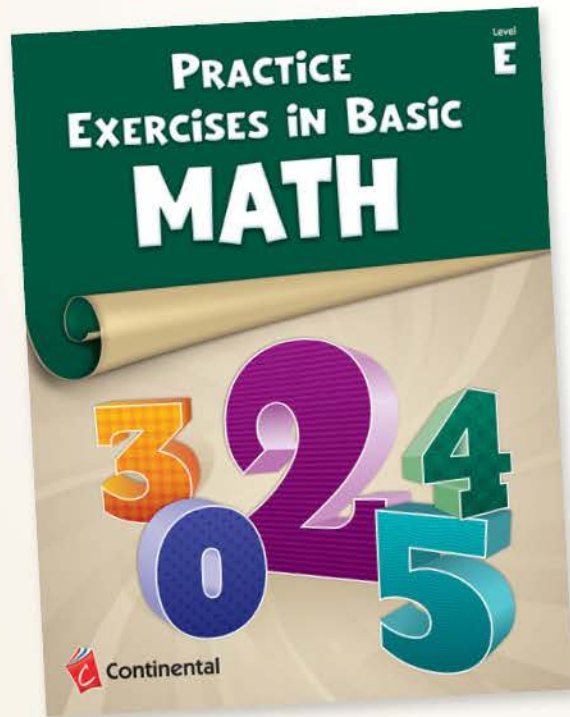
Grades 1–8




**Continental**  
inspire every learner

# What does this series do?

*Practice Exercises in Basic Math* is designed for struggling learners and ELLs who need extra support in fundamental mathematics concepts and computational skills. These concepts and skills are presented in a simple, slow progression using carefully prepared examples, followed by exercises to develop them. Components include student workbooks and answer keys in print and eBook formats.



  
Books  
available  
Grades 1–8

# Student book

- Books are assigned alphabetical levels. Discreetly move up and down the scale to differentiate instruction.
- Single-skill focus in each lesson is ideal for remediation and intervention.

## PRACTICE EXERCISES IN BASIC

Level  
**E**

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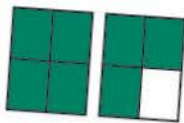
# Student book

- A sample question and/or instruction introduce each skill.
- The reading level is controlled to allow students to concentrate on acquiring the mathematical skills.
- Skills are presented in a variety of formats so students learn and retain.

## Improper Fractions and Mixed Numbers

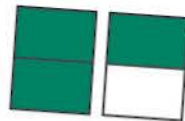
Write improper fractions for the shaded parts.

S



$$\frac{4}{4} + \frac{3}{4} = \frac{7}{4}$$

1.



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

2.



$$\frac{6}{3} + \frac{1}{3} = \frac{7}{3}$$

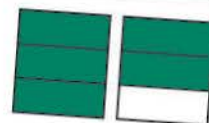
Change each improper fraction to a mixed number.

S



$$\frac{11}{5} = \frac{10}{5} + \frac{1}{5} = 2\frac{1}{5}$$

3.



$$\frac{5}{3} = \frac{3}{3} + \frac{2}{3} = 1\frac{2}{3}$$

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

5.  $\frac{5}{2} = \frac{4}{2} + \frac{1}{2} = 2\frac{1}{2}$

6.  $\frac{7}{5} = \frac{5}{5} + \frac{2}{5} = 1\frac{2}{5}$

7.  $\frac{9}{4} = \frac{8}{4} + \frac{1}{4} = 2\frac{1}{4}$

8.  $\frac{9}{2} = 4\frac{1}{2}$

9.  $\frac{10}{3} = 3\frac{1}{3}$

Divide. Write each answer as a mixed number.

S  $\frac{15}{4} = 4\frac{3}{4}$

10.  $\frac{7}{2} = 3\frac{1}{2}$

11.  $\frac{11}{3} = 3\frac{2}{3}$

12.  $\frac{5}{3} = 1\frac{2}{3}$

13.  $\frac{12}{5} = 2\frac{2}{5}$

14.  $\frac{21}{4} = 5\frac{1}{4}$

Find the answer to each word problem.

15. Paul practiced his lines for a play for  $\frac{7}{4}$  hours. What is this fraction as a mixed number?

16. The dress rehearsal for the play lasted  $\frac{23}{6}$  hours. What is this fraction as a mixed number?

# Student book

- Periodic reviews, including an abundance of word problems, help students reinforce skills.

## Problem Solving: Money

Find the answer to each word problem.

1. At a craft show, Cara bought a bracelet for \$9.75 and a ring for \$7.99. How much did she spend altogether?
2. Mr. Perez had a gift card worth \$50.00. He used \$35.70 of it at the hardware store. How much money did he have left on the card?
3. Abby bought a top for \$24.95 and pants for \$36.95. How much did she spend altogether?
4. A pair of sneakers originally cost \$39.95. They were on sale for \$7.99 less. What was the sale price?
5. Matt bought three compact discs. They cost \$12.98, \$14.59, \$13.72. How much did Matt spend altogether?
6. A lamp was reduced from \$44.49 to \$32.98. How much did Tiera save by buying it on sale?
7. Soup costs \$3.95. The meat loaf is \$7.95. Apple pie costs \$4.25. If Quinn buys this meal, how much will it cost altogether?
8. A certain book is \$21.47 in hardcover. It is \$14.99 as an e-book. How much would Joyce save by downloading it as an e-book?

# Answer key

Each key includes annotated student book pages with:

- introductory procedures
- answers
- correlations to the Common Core State Standards, where appropriate

Help the students solve word problems involving addition, subtraction, and multiplication with decimals. Again, stress correct placement of the decimal point. Then introduce the workpage. 5.NBT.7

### Problem Solving: Operations with Decimals

Find the answer to each word problem.

- Stella bought 5 bottles of fruit drink. Each bottle holds 1.2 liters. How much fruit drink did she buy?  

$$\begin{array}{r} 1.2 \\ \times 5 \\ \hline 6.0 \end{array}$$
 6.0 liters
- Mr. Iba drove 18.9 kilometers to work and 25.7 kilometers to play golf. How many kilometers did he drive in all?  

$$\begin{array}{r} 18.9 \\ + 25.7 \\ \hline 44.6 \end{array}$$
 44.6 kilometers
- Miss Robles weighs 55.7 kilograms. Mrs. Kaur weighs 59.3 kilograms. How much more does Mrs. Kaur weigh than Miss Robles?  

$$\begin{array}{r} 59.3 \\ - 55.7 \\ \hline 3.6 \end{array}$$
 3.6 kilograms
- Lori used 3 pieces of tape. They were 4.84 centimeters, 5.62 centimeters, and 3.31 centimeters long. How much tape did she use altogether?  

$$\begin{array}{r} 4.84 \\ 5.62 \\ + 3.31 \\ \hline 13.77 \end{array}$$
 13.77 centimeters
- Lillian earns \$7.75 per hour. She works 7 hours a day. How much does she earn in one day?  

$$\begin{array}{r} \$7.75 \\ \times 7 \\ \hline \$54.25 \end{array}$$
- Mateo ran a race in 49.59 seconds. Juan ran it in 43.72 seconds. By how many seconds did Juan beat Mateo?  

$$\begin{array}{r} 49.59 \\ - 43.72 \\ \hline 5.87 \end{array}$$
 5.87 seconds
- A large egg has 6.5 grams of protein. If Reece eats 2.5 eggs, how many grams of protein does he get?  

$$\begin{array}{r} 6.5 \\ \times 2.5 \\ \hline 32.5 \\ 130.0 \\ \hline 162.5 \end{array}$$
 162.5 grams
- The hiking boots Bella wants cost \$95.50. She has saved \$37.25. How much more does she need to save?  

$$\begin{array}{r} \$95.50 \\ - 37.25 \\ \hline \$58.25 \end{array}$$

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### Lines and Line Segments

Distinguish between lines (which extend infinitely in both directions only between two points). Explain that lines are named using any two segments using the two endpoints. Then introduce the workpage.

Name each line below.

1.  $\overleftrightarrow{MN}$  or  $\overleftrightarrow{NM}$

2.  $\overleftrightarrow{RS}$  or  $\overleftrightarrow{SR}$

3.  $\overleftrightarrow{XY}$  or  $\overleftrightarrow{YX}$

Draw and label each line.

4.  $\overleftrightarrow{HI}$

5.  $\overleftrightarrow{CD}$

Name each line segment below.

6.  $\overline{BC}$  or  $\overline{CB}$

7.  $\overline{LM}$  or  $\overline{ML}$

8.  $\overline{FG}$  or  $\overline{GF}$

Draw and label each line segment.

9.  $\overline{UV}$

10.  $\overline{NO}$

Name all the lines and line segments in each figure.

11. Lines:  $\overleftrightarrow{AC}$  or  $\overleftrightarrow{CA}$ ,  $\overleftrightarrow{BC}$  or  $\overleftrightarrow{CB}$   
Line segments:  $\overline{AC}$  or  $\overline{CA}$ ,  $\overline{CB}$  or  $\overline{BC}$ ,  $\overline{AB}$  or  $\overline{BA}$

12. Lines:  $\overleftrightarrow{GE}$   
Line segments:  $\overline{GE}$ ,  $\overline{ED}$

PRACTICE EXERCISES IN BASIC MATH 106  
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### Angles

Use drawings to discuss angles and that they are named using three letters, the vertex letter always being in the middle. Illustrate right, acute, and obtuse angles. Then introduce the workpage. 4.G.1

Name each angle below.

1.  $\angle RST$  or  $\angle TSR$

2.  $\angle DEF$  or  $\angle FED$

3.  $\angle MNO$

### Parallel, Intersecting, and Perpendicular Lines

Use drawings to illustrate and explain parallel, intersecting, and perpendicular lines. Use the square right-angle symbol that is sometimes used. Ask students to point out the environment. Then introduce the workpage.

Parallel lines are always the same distance apart. Perpendicular lines are intersecting lines that meet at a right angle.

# eBook

Continental's eBooks go where you and your students need to be, making them ideal for both distance and blended learning models. Our printed books are delivered online with features to help you personalize instruction and make the most of practice time.





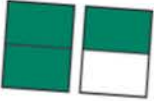
# Student Tools and Notifications


With the easy-to-use tools and notifications, students can:

- Add bookmarks, notes, and highlights as they're working through their lessons.
- See teacher notifications for homework and assessment assignments, blog posts, and feedback for their assignments.
- View their eBook library.


The screenshot shows an eBook page with a sidebar on the left containing navigation tools: Contents, Bookmarks, Notes, Highlights, Settings, and Help. The main content area is titled "Improper Fractions and Mixed Numbers" and includes the following sections:

**Write improper fractions for the shaded parts.**

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

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

**Change each improper fraction to a mixed number.**

3.   
 $\frac{11}{5} = \frac{10}{5} + \frac{1}{5} = 2\frac{1}{5}$

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

5.  $\frac{5}{2} = \frac{4}{2} + \frac{1}{2} =$

6.  $\frac{7}{5} = \frac{5}{5} + \frac{2}{5} =$

7.  $\frac{9}{4} = \frac{8}{4} + \frac{1}{4} =$

8.  $\frac{9}{2} =$

9.  $\frac{10}{3} =$

**Divide. Write each answer as a mixed number.**

10.  $\frac{7}{2} = 2\overline{)7}$

11.  $\frac{11}{3} = 3\overline{)11}$

12.  $\frac{5}{3} =$

13.  $\frac{12}{5} =$

14.  $\frac{21}{4} =$

**Find the answer to each word problem**



# Affordable Pricing

## Student Workbook

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**Grades 1–8**

