

Finish Line Mathematics Assessment Interactive eBooks

Grades 3–8



Continental
inspire every learner

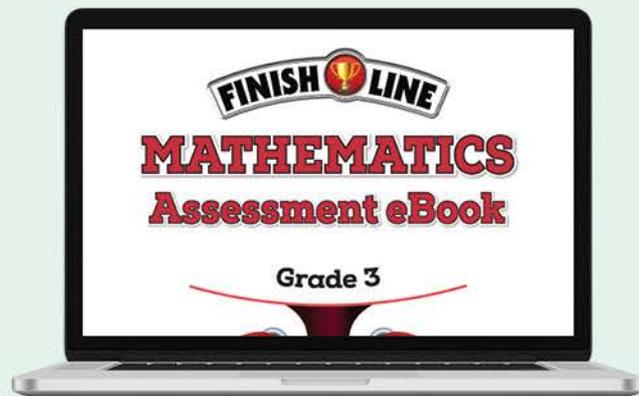
About the eBooks

Finish Line Mathematics Assessment eBooks are diagnostic tests that measure student understanding of the Common Core and college-and-career readiness standards and help you identify—quickly and easily—which skills to target for instruction. Use with *Finish Line, Third Edition* workbooks for a complete program of instruction and assessment.

Easy to Use

- Two ready-to-go tests per grade
- No teacher training needed
- Stop and continue at any time
- Single sign-on and rostering available
- Straightforward practice
- Instant scoring for selected-response items

Grades 3–8



About the eBooks (cont.)

Administer Any Time

Two parallel tests per grade measure student performance and progress any time, such as:

- Beginning of the school year
- Mid-year check
- Leading up to your state assessment

Just-Right Skills Coverage

With 70-78 questions per test and multiple questions for each skill, you'll get a clear look at student understanding, standard by standard.



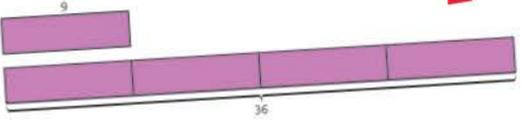
Question Types

- Selected response (auto-scored)
 - Single choice answer
 - Multiple choice answer
 - Drop down
 - Drag and drop
 - True/false tables

Grade 4, Form B

1

This bar model shows the relationship of two numbers.



Complete this sentence to make a true statement.

The number is times as much as 9.

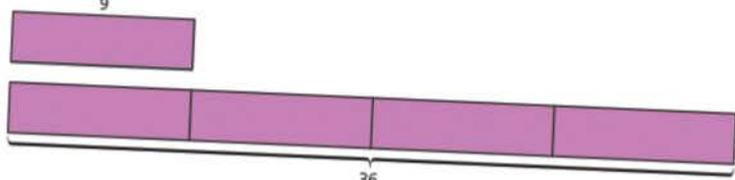
- 36
- 9
- 4

SUBMIT

Contents Resources Bookmarks Notes Highlights Assessments Settings Help

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1 This bar model shows the relationship of two numbers.



Complete this sentence to make a true statement.

The number is times as much as 9.

2 Jenna bought a hat and a jacket for winter. The hat cost \$12. The jacket cost 5 times as much as the hat.

How much did Jenna spend in total?

- A \$17
- B \$60
- C \$72
- D \$84

3 The parking lot at a shopping center has spaces for 648 cars. This is 4 times the number of cars that are parked there now.

How many cars are parked in the lot now?

_____ cars

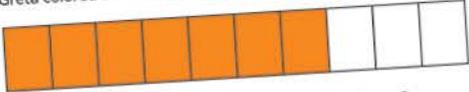
Question Types (cont.)

- Short response
- Extended response

Grade 4, Form B

1

Greta colored this model to represent the sum of two fractions.



Greta says it models $\frac{3}{10} + \frac{4}{10}$. Isaac says it models $\frac{5}{10} + \frac{2}{10}$. Otis says it models $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$.

Who is correct? Explain how you know.

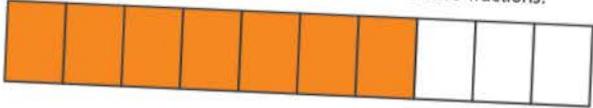
Paragraph

ADD FILE

SAVE SUBMIT

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18 Greta colored this model to represent the sum of two fractions.



Greta says it models $\frac{3}{10} + \frac{4}{10}$. Isaac says it models $\frac{5}{10} + \frac{2}{10}$. Otis says it models $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$.

Who is correct? Explain how you know.

19 Find the sum.

$$4\frac{11}{12} + 5\frac{5}{12} = \square$$

A $9\frac{4}{12}$

B $9\frac{6}{12}$

C $10\frac{4}{12}$

D $10\frac{6}{12}$

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Teacher Resources

You can create your own tests with optional hints, assign and grade homework, and connect with students through a classroom blog.

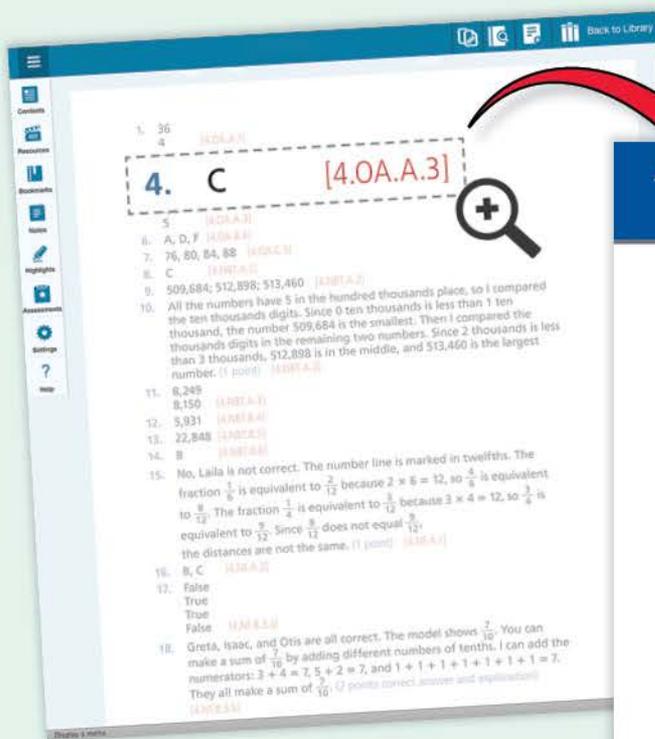
The screenshot shows a web browser window at www.continentalebooks.com. The page is titled "New Question" and is part of the "Assessment" section. A left-hand navigation menu includes: Dashboard, Learning Content, Teacher Resource, Assessment (highlighted in red), Questions, Standard Tests, Evaluation, Performance Report, Class, Student, and Group. The main content area is titled "New Question" and features a "Choose a Question Type" section with the following options:

- Single Choice
- Multiple Choice
- Ordering
- Association
- Match the Following
- Fill in the Blanks
- Fill in the Blanks with Dropdown
- Fill in the Blanks with Drag and Drop
- Descriptive
- Comprehension
- Audio Recording

The interface also shows a breadcrumb trail: Dashboard > Questions > New Question, and a "Welcome" message in the top right corner.

Connecting Assessment to Instruction

After students complete a test, the selected-response questions are automatically scored and remaining items are ready for you to grade using the answer key eBook. All scores are combined to give an overall score for the test. For the standards that are trouble areas, turn to the corresponding standards lessons in *Finish Line, Third Edition* for instruction.



CCSS: 4.OA.3

LESSON 7 Representing Multistep Word Problems

CCSS: 4.OA.3

1 Introduction

A **multistep** word problem requires more than one operation to solve it. Read the problem carefully. Make sure you understand the information the problem gives you and what it is asking you to find. Make a plan for solving it. Then use your plan to write an equation to represent the problem.

James went shopping. He bought 7 shirts for \$9 each and a hat. He spent a total of \$71. How much did the hat cost?

Think: *What do I know?* You know the number of shirts James bought: 7. You know the cost of one shirt: \$9. You know the total amount James spent: \$71.

Think: *What do I need to find out?* You need to find the cost of the hat. Give the unknown number a letter, such as h .

Think: *Is the number I need to find part of another number?* The cost of the hat, h , is part of the total amount that James spent, \$71. The total cost is equal to the costs of the shirts and hat combined. So \$71 goes on one side of the equation. The costs of the shirts and hat will go on the other side.

$$7 \times 9 + h = 71$$

Think: *What operation represents the costs of the shirts?* There are 7 shirts and they are all the same price. To combine equal groups, use multiplication. Represent the total cost of the shirts with a multiplication expression: 7×9 .

The cost of the hat is added to this, so show this with an addition expression: $+ h$.

Write the expression for the cost of the shirts and the expression for the hat on the left side of the equation.

An equation is a number sentence that says two expressions are equal.

Any letter can stand for an unknown number. Choose a letter that makes sense to you.

An expression uses numbers and symbols to stand for a number.
 $7 + 2$ $5 \times m$ $t + 4$

Finish Line Mathematics, Third Edition, Grade 4



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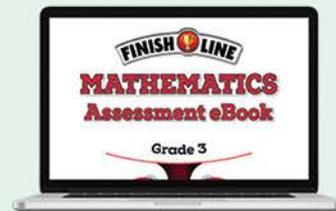
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