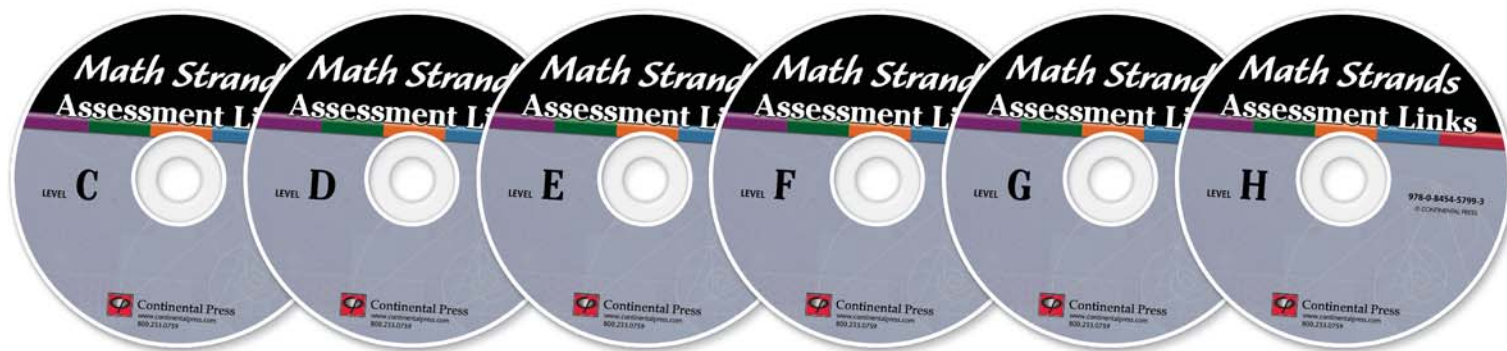


Math Strands Assessment Links

Math Strands Assessment Links is an easy-to-use diagnostic CD that identifies student performance gaps and prescribes remediation in the *Finish Line Math Strands* workbook series.



Levels C–H
(Grades 3–8)

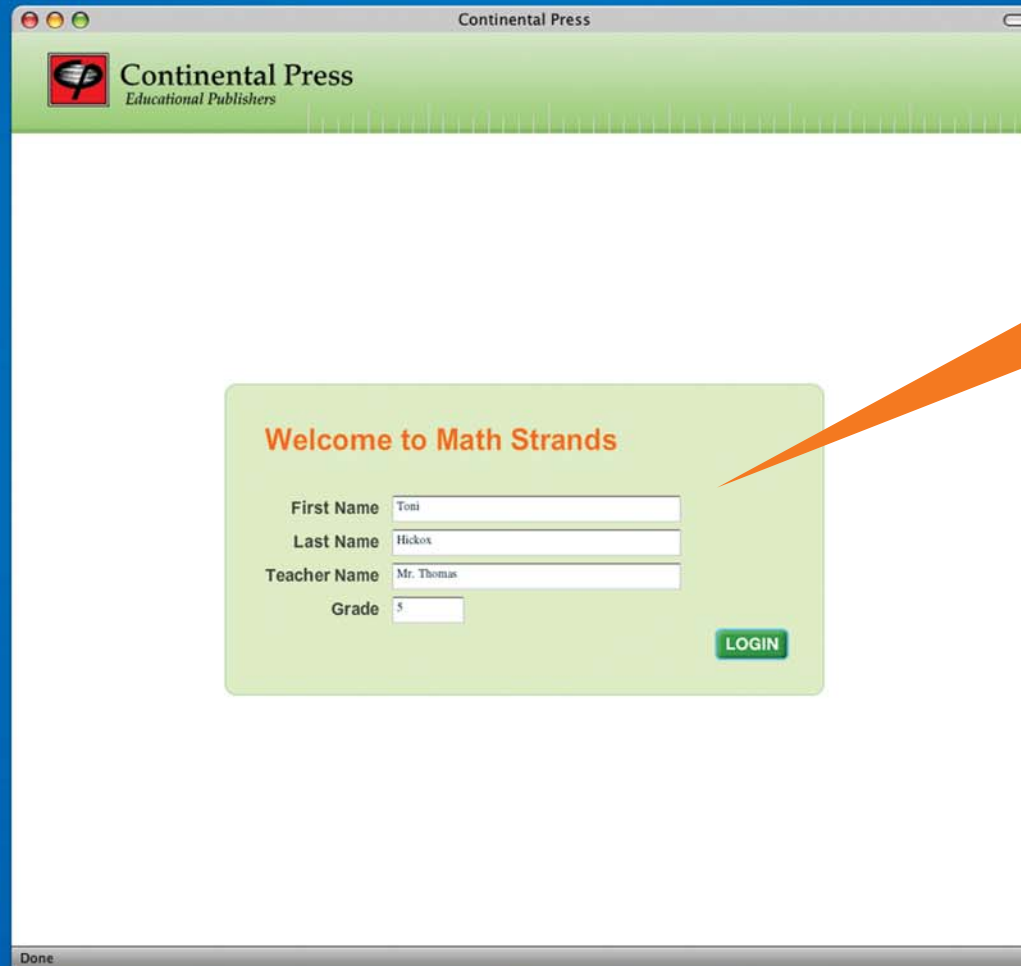


Continental Press

Response to Intervention (RTI) • Differentiated instruction • Quick assessment for incoming students

Math Strands Assessment Links

When you're ready to assess, simply pop the single-user CD into any Mac or PC computer. Signing on is quick and easy.



The screenshot shows a web browser window titled "Continental Press". The header features the Continental Press logo and the text "Continental Press Educational Publishers". The main content area is titled "Welcome to Math Strands" and contains a login form with the following fields:

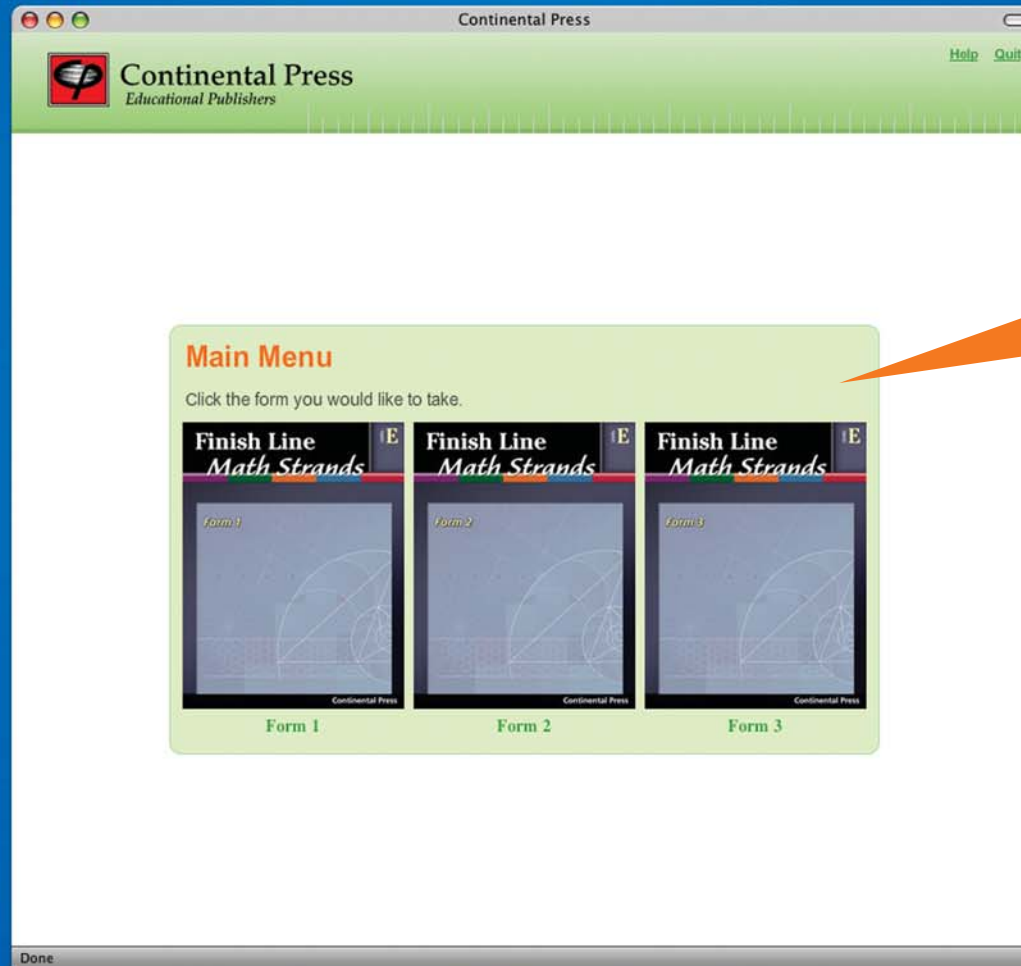
First Name	<input type="text" value="Toni"/>
Last Name	<input type="text" value="Hickox"/>
Teacher Name	<input type="text" value="Mr. Thomas"/>
Grade	<input type="text" value="5"/>

A green "LOGIN" button is located at the bottom right of the form. The browser window also shows standard OS window controls (red, yellow, green buttons) and a "Done" button at the bottom left.

No passwords to manage and no seat licenses required.

Math Strands Assessment Links

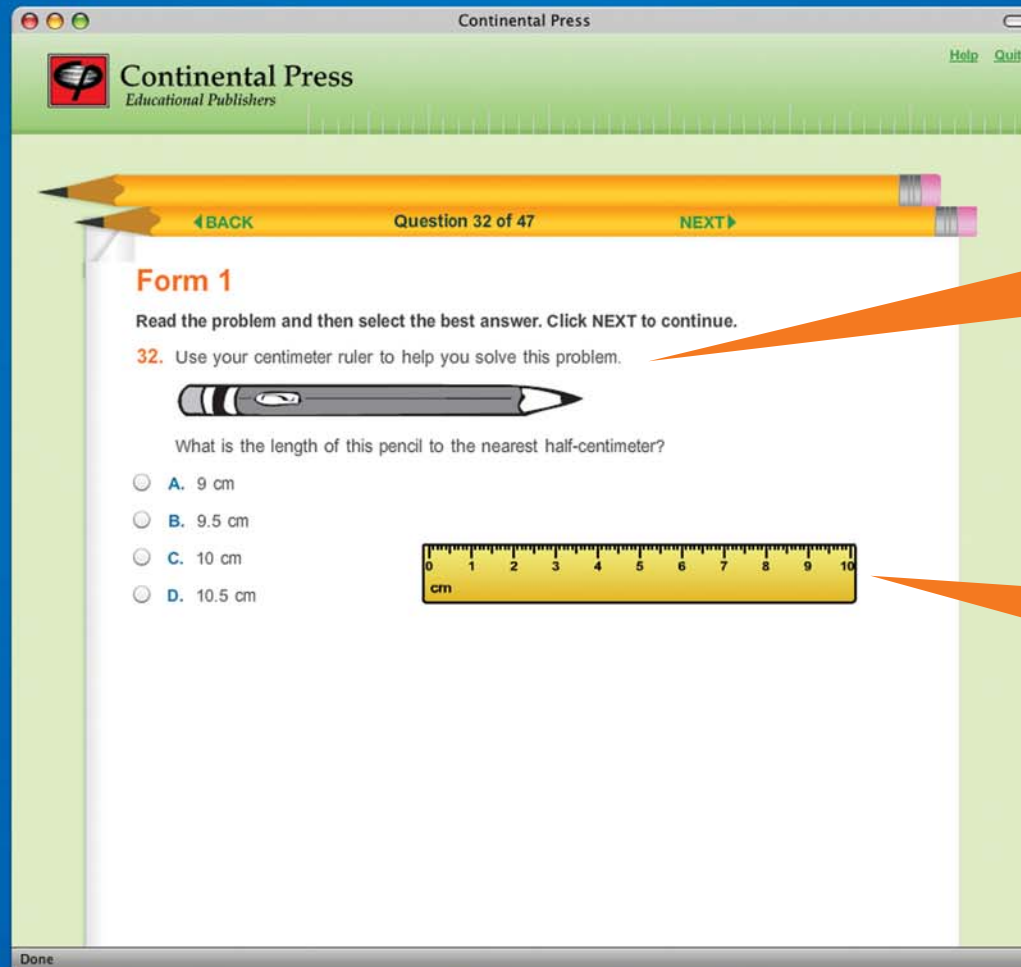
Based on your direction, students will select Form 1, 2, or 3 of the *Math Strands* practice tests. The forms are equivalent in difficulty and can be used for testing at the beginning, middle, or end of the school year.



Three tests are available.

Math Strands Assessment Links

Students will be tested on five key NCTM math strands: data analysis and probability, measurement, number and operations, geometry, and algebra. Each form includes 45–49 multiple-choice questions, depending on the level.



Questions test skills, concepts, and problem solving.

A movable ruler appears for appropriate questions.

Math Strands Assessment Links

After putting their knowledge to the test, students are ready to finish the form.

The screenshot shows a web browser window titled "Continental Press". The page header includes the logo and name "Continental Press Educational Publishers" and links for "Help" and "Quit". Below the header, there are two yellow pencils and navigation buttons: "BACK", "Question 47 of 47", and "FINISH". The main content area is titled "Form 1" and contains the instruction: "Read the problem and then select the best answer. Click NEXT to continue." The question is: "47. Ada picked 6 more pears than Eduardo. Together, they picked a total of 50 pears. How many pears did Eduardo pick?" The options are: A. 19, B. 22, C. 25, and D. 44. A dialog box is open in the center of the screen with the text: "Are you sure you would like to finish? You did not answer some questions: Question 5, Question 14, Question 25". At the bottom of the dialog box are two buttons: "BACK" and "FINISH". The browser's status bar at the bottom left shows "Done".

Alerts prompt students to go back and complete any unanswered questions.

Math Strands Assessment Links

Answers are instantly scored and a prescriptive report is generated. Students need to print the report for a record of their work.

Incorrect answers are highlighted for easy scanning.

Continental Press
Educational Publishers

You must click **Print** before exiting this screen.

PRINT

Math Strands Level E - Form 1

Student Name	Teacher Name	Grade
Toni Hickox	Mr. Thomas	5

Start Date	End Date	# Correct	# Answered	# in Test	% Correct
3/6/09 9:17 AM	3/6/09 10:29 AM	37	47	47	78

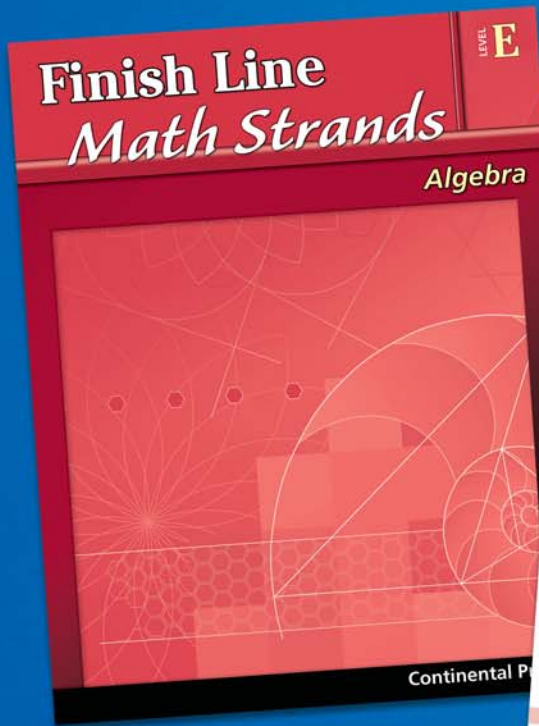
Item	Response	Answer	Math Strands Workbook	Lesson(s)
1	C	C	Number and Operations	4
2	D	D	Number and Operations	15
3	B	A	Number and Operations	15
4	A	A	Number and Operations	4
5	B	B	Number and Operations	15
6	A	B	Number and Operations	16
7	C	C	Number and Operations	3
8	C	C	Number and Operations	2
9	B	B	Number and Operations	16
10	A	D	Algebra	14
11	C	C	Number and Operations	19
12	B	A	Number and Operations	16
13	A	A	Data Analysis and Probability	10

Specific lessons from *Finish Line Math Strands* workbooks are prescribed for remediation. Five skill books per grade level.



Math Strands Assessment Links

Use the standard-specific lessons in *Finish Line Math Strands* for focused instruction. Lessons feature guided practice to help students master difficult skills.



LESSON 16 Geometric Patterns

A **geometric pattern** is often a sequence of repeating geometric figures. If you see where the pattern repeats, you can find a missing figure in the pattern.

What will be the 21st figure in this pattern?

The pattern repeats after 4 figures. Since $5 \times 4 = 20$, the 20th figure will complete a cycle of 4 figures. The 21st figure will be the same as the 1st figure:

A pattern can repeat after 2, 3, 4, or more figures.

Read each problem. Circle the letter of the best answer.

1 What will be the 33rd figure in this geometric pattern?

A B C D

The pattern repeats after 6 figures. Since $6 \times 5 = 30$, the 30th figure will complete a cycle. So the 33rd figure will be the same as the 3rd figure. The correct answer is B.

2 What figure is missing from this pattern?

A B C D

3 Use this geometric pattern to answer questions 3 and 4.

3 What will be the 50th figure in the pattern?

A B C D

4 How many stars will there be in the first 100 figures of the pattern?

A 20 B 25 C 33 D 50

Read each problem. Write your answers.

5 Look at this geometric pattern.

A In the space below, draw the 62nd figure in the pattern.

B Explain how you found your answer.

6 A repeating geometric pattern is shown below.

A What will be the 40th figure in the pattern?

Answer: _____

B How many circles with dots will there be in the first 75 figures of the pattern?

Answer: _____

C Explain how you found your answer to part B.

Algebra Level E

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A teacher's favorite testing tool!

Easy to use:

- no passwords to manage
- nothing to download
- no Internet connection required (use a standard web browser with Flash Player 8 or later)
- no pre-planning of number of students to assess (no seat licenses required)
- PC and Mac compatible (one CD per computer)

Ideal for:

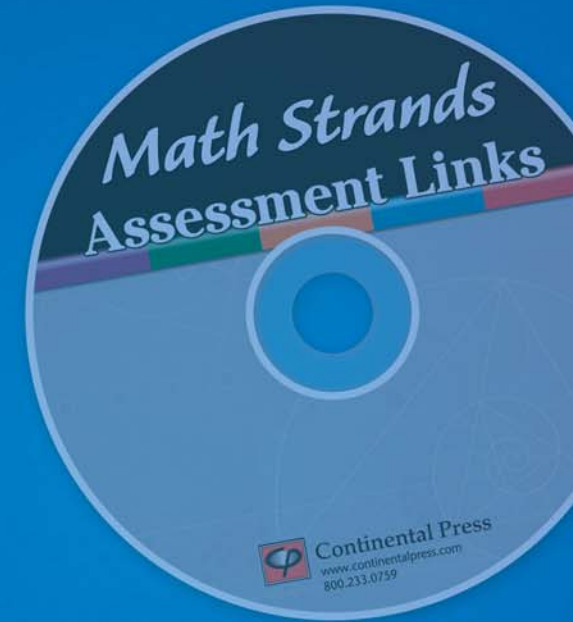
- RTI
- whiteboard technology
- quick assessment, especially for incoming students

Low cost:

- \$49.95 per CD with unlimited use
- no recurring fees

Questions? We're here to help.

For more information on *Math Strands Assessment Links* and *Finish Line Math Strands*, please call us at 800.233.0759 or e-mail us at educationsales@continentalpress.com.



Levels C–H
(Grades 3–8)

Math Strands Assessment Links

Ordering Information

MATH STRANDS ASSESSMENT LINKS

Individual CDs for single computer use

\$49.95 each

Level C (Grade 3)	DR5794-8
Level D (Grade 4)	DR5795-5
Level E (Grade 5)	DR5796-2
Level F (Grade 6)	DR5797-9
Level G (Grade 7)	DR5798-6
Level H (Grade 8)	DR5799-3

Packages

\$289.95 each

Each package includes 10 copies of all 5 *Finish Line Math Strands* books of the same level, 1 answer key for each of the 5 books, and 1 corresponding *Math Strands Assessment Links* CD.

Level C (Grade 3)	DR6029-0
Level D (Grade 4)	DR6030-6
Level E (Grade 5)	DR6031-3
Level F (Grade 6)	DR6032-0
Level G (Grade 7)	DR6033-7
Level H (Grade 8)	DR6034-4

*Assessment Links is also available for Comprehension Skills.
For details, call us or visit us online.*



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