



Practice Skills for LEAP 21: Mathematics Grade 4 Teachers Guide

Reaching For Results



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Louisiana Department of Education
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Practice Skills for LEAP 21: PASS on Paper

Acknowledgments

The following team of educators developed PASS on Paper lessons for grades 4 and 8 English language arts and mathematics:

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Introduction

The test questions included here are from the online practice test, PASS (Practice Assessment/Strengthen Skills at www.louisianapass.org). These *Practice Skills for LEAP 21* are designed to help students who may not have easy access to a computer the opportunity to become familiar with the test format and a sample of the skills that are assessed on the LEAP 21. Student worksheets for mathematics consist of two multiple-choice or short-answer questions or one extended constructed-response question.

Teachers may use these worksheets as short (about 20 minutes) warm-up activities to assist students in their test-taking and thinking skills. The lessons with constructed-response questions may take a little longer. It is *not* recommended that these activities be used more than three times a week in a classroom.

This *Teachers' Guide* contains answers to the multiple-choice questions and exemplary responses to the constructed-response items, along with an overview of the skills addressed in the items, and test-taking tips. Follow-up questions are included in some lessons.

- Teachers may read aloud to students text that is in **bold**. Text in regular-type is information for the teacher.
- Each short lesson contains an introduction to students that may be read aloud.
- The standard and benchmark are noted, and the lesson number corresponds to the lesson and the question. For example, for those lessons based on two multiple-choice test questions, the first student worksheet is Lesson 1. The corresponding *Teachers' Guide* lesson is 1.1 (for Lesson 1, question 1) and 1.2 (for Lesson 1, question 2).

Below are suggested routines for reviewing the worksheets with students:

Hand out the student worksheet. Read aloud or summarize the introduction to students before they answer each test question.

In general, when reviewing the multiple-choice test questions, teachers may

- ✓ read aloud the test question or write it on the board.
- ✓ go over the feedback for each answer choice.
- ✓ review the correct or best answer last, including the clues about why the answer is the best choice.
- ✓ use any available Follow-up activities to continue the discussion.

In general, when reviewing the constructed-response questions, teachers may

- ✓ read aloud the test question, noting significant aspects about what is being asked.
- ✓ have a few individual students read aloud their responses. (Or, you may want to ask students to swap papers or to write their response on the board.)
- ✓ discuss the strengths and possible improvements to each student's response.
- ✓ read aloud or write on the board a correct response.