



Practice Skills for LEAP 21: Mathematics Grade 8 Teachers Guide

Reaching For Results



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Cecil J. Picard
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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 the 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 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 either before or after 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.
- ✓ use the Teacher Notes or Follow-up 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.