

Getting Ready to Start

Placement of Students

All students should be placement tested before they receive instruction in this subtraction module. Students can be placement tested in whole class, small group, or one on one settings. Be sure to tell students what your expectations are for behavior during the test. It is important that students who are fast finishers have something to work on when they complete the test, so they do not interfere with other students who may still be working on the test.

The placement test has been designed to place students at a level in the program where they will experience success. This enables students to experience success immediately and to increase their level of fluency. The review at the beginning of the program is beneficial for all students.

*Note: If you are administering this test to an individual student, you may stop testing at the end of any part where the student makes an error.

This test should be marked by the classroom teacher, not by students. Placement testing data should be used for teacher information and should never be used as part of a report card mark. The reproducible blackline masters for the placement test can be found on pages iv and v of the Teacher Presentation Book. The answer key for the placement test can be found on pages vi and vii.

Procedure for Administering the Subtraction Placement Test:

1. Explain to the students that they will be completing a test that will help you as the classroom teacher know what they need to learn about subtraction.
2. Give each student a copy of the placement test. Have the students complete the information at the top of the page. They should not start the test until you start the timer.
3. (Give students the following instructions.)
This is a subtraction placement test. Some parts of this test may be easy for you and some parts may be hard. Try to do as many of the problems as you can. You have 15 minutes to complete this test. You may start the test. (Circulate around the classroom giving encouragement and monitoring student work during the test. It is important not to give students assistance during the test. They should complete the test independently. Collect test papers from students as they finish and direct them to remain quiet and to work on an additional task until the time limit is up or until all students have completed the test. After the time is up, collect all test papers even if they are incomplete.)

Scoring the Subtraction Placement Test:

Student work should be evaluated for two elements: fact errors and operation errors.

Students who do not know their basic subtraction facts will find it difficult to reach mastery in this module. Students who make 1 or more fact errors on any part of the test should be placement tested for the *Tools for Success Math Facts Subtraction* Program.

If a student makes 1 or more operation errors on any part of the test, he or she should be placed at Lesson S-1.

TOOLS FOR SUCCESS®

A Math Operations Program

Subtraction

Placement Test

Name: _____

Date: _____

Teacher: _____

Grade: _____

Placement: Proficient

Lesson S-1

Math Facts Program

Comments: _____

Part 1:

Fact Errors: _____

$$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 9 \\ \hline \end{array}$$

Part 2:

Fact Errors: _____

Operation Errors: _____

$$\begin{array}{r} 86 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 2 \\ \hline \end{array}$$

Part 3:

Fact Errors: _____

Operation Errors: _____

$$\begin{array}{r} 53 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 11 \\ \hline \end{array}$$

Placement Test Page 2

Part 4:

Fact Errors: _____ Operation Errors: _____

$$\begin{array}{r} 81 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ - 49 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 6 \\ \hline \end{array}$$

Part 5:

Fact Errors: _____ Operation Errors: _____

$$\begin{array}{r} 202 \\ - 73 \\ \hline \end{array}$$

$$\begin{array}{r} 804 \\ - 66 \\ \hline \end{array}$$

$$\begin{array}{r} 600 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 507 \\ - 88 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ - 65 \\ \hline \end{array}$$

Part 6:

Fact Errors: _____ Operation Errors: _____

$$\begin{array}{r} 5696 \\ - 1837 \\ \hline \end{array}$$

$$\begin{array}{r} 2801 \\ - 2056 \\ \hline \end{array}$$

$$\begin{array}{r} 7531 \\ - 2678 \\ \hline \end{array}$$

$$\begin{array}{r} 9979 \\ - 5985 \\ \hline \end{array}$$

$$\begin{array}{r} 8411 \\ - 8094 \\ \hline \end{array}$$

TOOLS FOR SUCCESS®

A Math Operations Program

Subtraction

Placement Test Answer Key

Name: _____

Date: _____

Teacher: _____

Grade: _____

Placement: Proficient

Lesson S-1

Math Facts Program

Comments: _____

Part 1:

Fact Errors: _____

$$\begin{array}{r} 9 \\ - 4 \\ \hline 5 \end{array}$$
$$\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$$
$$\begin{array}{r} 16 \\ - 8 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 15 \\ - 7 \\ \hline 8 \end{array}$$
$$\begin{array}{r} 13 \\ - 9 \\ \hline 4 \end{array}$$

Part 2:

Fact Errors: _____

Operation Errors: _____

$$\begin{array}{r} 86 \\ - 4 \\ \hline 82 \end{array}$$
$$\begin{array}{r} 75 \\ - 2 \\ \hline 73 \end{array}$$
$$\begin{array}{r} 56 \\ - 6 \\ \hline 50 \end{array}$$
$$\begin{array}{r} 37 \\ - 6 \\ \hline 31 \end{array}$$
$$\begin{array}{r} 49 \\ - 2 \\ \hline 47 \end{array}$$

Part 3:

Fact Errors: _____

Operation Errors: _____

$$\begin{array}{r} 53 \\ - 21 \\ \hline 32 \end{array}$$
$$\begin{array}{r} 68 \\ - 43 \\ \hline 25 \end{array}$$
$$\begin{array}{r} 87 \\ - 41 \\ \hline 46 \end{array}$$
$$\begin{array}{r} 49 \\ - 12 \\ \hline 37 \end{array}$$
$$\begin{array}{r} 35 \\ - 11 \\ \hline 24 \end{array}$$

Placement Test Answer Key Page 2

Part 4:

Fact Errors: _____ Operation Errors: _____

$$\begin{array}{r} 81 \\ - 17 \\ \hline 64 \end{array} \quad \begin{array}{r} 40 \\ - 26 \\ \hline 14 \end{array} \quad \begin{array}{r} 57 \\ - 49 \\ \hline 08 \end{array} \quad \begin{array}{r} 26 \\ - 19 \\ \hline 07 \end{array} \quad \begin{array}{r} 50 \\ - \quad 6 \\ \hline 44 \end{array}$$

Part 5:

Fact Errors: _____ Operation Errors: _____

$$\begin{array}{r} 202 \\ - \quad 73 \\ \hline 129 \end{array} \quad \begin{array}{r} 804 \\ - \quad 66 \\ \hline 736 \end{array} \quad \begin{array}{r} 600 \\ - \quad 28 \\ \hline 572 \end{array} \quad \begin{array}{r} 507 \\ - \quad 88 \\ \hline 419 \end{array} \quad \begin{array}{r} 300 \\ - \quad 65 \\ \hline 235 \end{array}$$

Part 6:

Fact Errors: _____ Operation Errors: _____

$$\begin{array}{r} 5696 \\ - 1837 \\ \hline 3859 \end{array} \quad \begin{array}{r} 2801 \\ - 2056 \\ \hline 0745 \end{array} \quad \begin{array}{r} 7531 \\ - 2678 \\ \hline 4853 \end{array} \quad \begin{array}{r} 9979 \\ - 5985 \\ \hline 3994 \end{array} \quad \begin{array}{r} 8411 \\ - 8094 \\ \hline 0317 \end{array}$$