

Fractions Lesson 3

Simple Fractions

with a Diagonal Fraction Line

Teacher Guide

Symbols and Concepts

- Opening simple fraction indicator
- Diagonal fraction line
- Closing simple fraction indicator
- Denominator
- Numerator
- Numeric indicator
- Variable

Objectives

The student will be able to:

- Read and write simple fractions with a diagonal fraction line (numerator raised higher than the denominator)
- Read and write simple fractions with a diagonal fraction line (numerator not raised higher than the denominator)
- Read and write simple fractions with variables using a diagonal fraction line

Teaching Tips

- Before opening any BRF files in Duxbury,
 - Go into the Global menu.
 - Select "**Formatted Braille Importer.**"
 - Select the box for "**Read formatted braille without interpretation**" at the top of the window. This will ensure that nothing is changed when opening the BRF files.
- This focused lesson has one version that does include variables.
- In addition to the embedded activities within the focused lesson, there is one follow-up activity.
- The "L3-Fractions-Problems-Only.brf" braille document may be used to supplement the lesson since it contains all of the examples in braille.
- The answers for the follow-up activity are available in SimBraille and braille.

- The majority of fractions are written with a horizontal fraction line, and teachers tend to encourage students to write their fractions using one as well, whether in print or braille. The use of a horizontal fraction line is the preferred method.
- Fractions with diagonal fraction lines occasionally appear in textbooks, on assessments, or in other math materials. You may prefer that your student simply read this lesson and the associated activity, so that they have the exposure should they encounter fractions written in this manner.
- The braille activity documents have been divided across pages so that your student can easily choose to complete one or both sections.
- If needed, remind the student to check their work during writing activities.
- You may want to have the student practice reading the fractions with a diagonal fraction line as well. This can be done by using the answer key.
- We maintain a list of [commercially available materials](#) that can be used to supplement instruction.

Optional Materials

- Fraction cubes
- Fraction number lines
- Fraction tiles
- Fraction towers