

Fractions Lesson 2

Simple Fractions

with Signs of Operation and Comparison

Teacher Guide

Symbols and Concepts

- Opening simple fraction indicator
- Horizontal fraction line
- Closing simple fraction indicator
- Denominator
- Numerator
- Plus sign (+)
- Minus sign (-)
- Multiplication cross (\times)
- Multiplication dot (\cdot)
- Division (divided by) sign (\div)
- Equals sign (=)
- Less than sign (<)
- Greater than sign (>)
- Variable (only in version with variables)
- Superscript or exponent indicator (only in version with variables)
- Baseline indicator (only in version with variables)

Objectives

The student will be able to:

- Read and write problems containing simple fractions and signs of operation
- Read and write problems containing simple fractions and signs of comparison
- Read and write problems containing simple fractions involving both signs of operation and signs of comparison
- Read and write problems containing simple fractions with superscripts or exponents (only in version with variables)
- Read and write problems containing simple fractions with superscripts or exponents that require the use of the baseline indicator (only in version with variables)

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 two versions. One version does not include variables and one does. Select the version that is appropriate for your student.
- In addition to the embedded activities within the focused lesson, there is one follow-up activity for each of the two versions.
- The "L2-Fractions-NV-Problems-Only.brf" braille document for the lesson without variables or the "L2-Fractions-V-Problems-Only.brf" braille document for the lesson with variables may be used to supplement each version of the lesson. They contain all of the examples in braille.
- The answers for the follow-up activities are available in SimBraille and braille.
- If needed, remind the student to check their work during writing activities.
- You may want to have the student practice reading the fractions with signs of operation and comparison as well. This can be done by using the answer keys.
- 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