

Fractions Lesson 1

Simple Fractions

Teacher Guide

Symbols and Concepts

- Opening simple fraction indicator
- Horizontal fraction line
- Closing simple fraction indicator
- Denominator
- Numerator
- Ordinal number
- Improper fraction
- Variable (only in version with variables)
- Subscript (only in version with variables)

Objectives

The student will be able to:

- Write simple fractions using the correct Nemeth symbols
- Define the terms: fraction, numerator, and denominator
- Read simple fractions
- Understand and use ordinal numbers when reading fractions
- Identify an improper fraction
- Write simple fractions with variables (only in version with variables)
- Write simple fractions with subscripts (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 are two follow-up activities for each of the two versions.

- The "L1-Fractions-NV-Problems-Only.brf" braille document for the lesson without variables or the "L1-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.
- 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