

How to Read and Write a Simple Fraction

Nemeth symbols and concepts addressed:

- 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:

- 1) Write simple fractions using the correct Nemeth symbols
- 2) Define the terms: fraction, numerator, and denominator
- 3) Read simple fractions
- 4) Understand and use ordinal numbers when reading fractions
- 5) Identify an improper fraction
- 6) Write simple fractions with variables (only in version with variables)
- 7) 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" and then check 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.
- The answers for the follow-up activity are available in SimBraille and braille. Please note that these are not formatted in cell 1 with run-overs in cell 3 since the word "Answer" is included.
- If needed, remind the student to check his/her work during writing activities.

Materials Commercially Available:

Materials that could be used from the American Printing House for the Blind (www.aph.org) include

- Fractional Parts of Wholes Set (1-03290-00)
 - *Unit 7: Fractions, Mixed Numbers, and Decimals (Student consumables for both kits are in braille):
 - Large Print Kit: (7-03564-00: Teacher's Guide in Large Print)
 - Braille Kit: (5-03564-00: Teacher's Guide in Braille)
 - *Number Line Device (1-03480-01)
- * *WARNING: CHOKING HAZARD -- Small Parts. Not intended for children ages 5 and under without adult supervision.*

Other Optional Materials:

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