

# Multiplication and Division Lesson 3

## Multiplication Cross and Beyond

### Teacher Guide

## Symbols and Concepts

- Multiplication cross ( $\times$ )
- Equals sign ( $=$ )
- General omission symbol
- Long dash (\_\_\_\_\_)
- Grouping symbols
- Open parenthesis
- Close parenthesis
- Open bracket ( [ )
- Close bracket ( ] )
- Superscript, also known as exponent or power
- Baseline indicator

## Objectives

The student will be able to read and write equations in linear format containing a multiplication cross and:

- Grouping symbols
- One or more superscripts

## 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.
- It is very important that print be followed when writing problems or equations involving a multiplication sign. If the math or science teacher uses a particular multiplication sign, it is intentional.
- A superscript is usually called an exponent or power in the classroom.
- In addition to the embedded activities within the focused lesson, there is one follow-up activity.

- The "L3-Mul-Div-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.
- If needed, remind the student to check their work during writing activities.
- You may want to have the student practice reading equations with a multiplication cross, grouping symbols, and/or exponents 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

- Classroom textbook
- Student's book series