

# Multiplication and Division Lesson 2

## Multiplication Cross and Fractions

### Important Note

For all braille examples, emboss the "L2-Mul-Div-Problems-Only.brf" file as a supplement to this lesson.

### Background

After you completed "Lesson 1 Multiplication Cross," you could write equations in a linear format with a multiplication cross and whole numbers in Nemeth Code.

### Basic Rules

In this lesson, we will learn how to read and write equations in a linear format with a **multiplication cross** and **fractions**. Equations with a multiplication cross and one or more fractions use the following Nemeth Code symbols:

- Multiplication cross (dot 4, dots 1-6) (×) ⠠⠨
- Equals sign (dots 4-6, dots 1-3) (=) ⠠⠨
- General omission symbol (dots 1-2-3-4-5-6) ⠠
- Long dash (dots 3-6, dots 3-6, dots 3-6, dots 3-6) (\_\_\_\_) ⠠⠠⠠⠠
- Opening simple fraction indicator (dots 1-4-5-6) ⠠⠠
- Horizontal fraction line (dots 3-4) ⠠
- Closing simple fraction indicator (dots 3-4-5-6) ⠠

The following steps outline how to write the equation two times three-fourths equals blank:

1. Numeric indicator (dots 3-4-5-6) ⠠
2. Two (dots 2-3) ⠠
3. Multiplication cross (dot 1, dots 1-6) ⠠⠨
4. Opening simple fraction indicator (dots 1-4-5-6) ⠠⠠
5. Three (dots 2-5) ⠠



