

The following steps outline how to write the equation two times four equals question mark in Nemeth Code:

1. Numeric indicator (dots 3-4-5-6) ⠼
2. Two (dots 2-3) ⠠
3. Multiplication cross (dot 1, dots 1-6) ⠦
4. Four (dots 2-5-6) ⠠
5. Space
6. Equals sign (dots 4-6, dots 1-3) ⠥
7. Space
8. General omission symbol (dots 1-2-3-4-5-6) ⠨

$2 \times 4 = ?$

⠼⠠⠦⠠⠥⠨

The **general omission symbol** was used to represent the question mark, indicating that a number was missing. Sometimes in print, the words “what number” are used for that missing number.

Notice the equation began with a numeric indicator. It was used at the beginning of the equation since the equation began with a numeric symbol such as a whole number or decimal. Also notice that there is not a space before or after the multiplication cross.

Since a multiplication cross was used in print, a multiplication cross was used in braille.

Sometimes a **long dash** is used in equations with a multiplication cross. The following steps outline how to write the equation three times five equals blank in Nemeth Code:

1. Numeric indicator (dots 3-4-5-6) ⠼
2. Three (dots 2-5) ⠠
3. Multiplication cross (dot 1, dots 1-6) ⠦
4. Five (dots 2-6) ⠠
5. Space
6. Equals sign (dots 4-6, dots 1-3) ⠥
7. Space

8. Long dash (dots 3-6, 3-6, 3-6, 3-6) ⠠⠠⠠⠠

$$3 \times 5 = \underline{\quad}$$

⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠

Examples

1. Ten times ten equals what number?

$$10 \times 10 = ?$$

⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠

2. Three times three equals blank.

$$3 \times 3 = \underline{\quad}$$

⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠

3. Two times what number equals six?

$$2 \times ? = 6$$

⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠

Did you notice that a numeric indicator was repeated after a space?

4. Five times five equals blank.

$$5 \times 5 = \underline{\quad}$$

⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠⠠ ⠠⠠⠠⠠ ⠠⠠⠠⠠⠠⠠⠠

Activity Time

Write the equations using a multiplication cross from Examples 1 to 4.

1. Ten times ten equals what number?
2. Three times three equals blank.
3. Two times what number equals six?
4. Five times five equals blank.