

MATC9 Ch5.2 Key Concepts 2 Multiplication and Division of Integers Worked Example

Example: Evaluate $5 \times (-2)$.

Solution: A positive number multiplied by a negative number gives a negative result.

$$5 \times (-2) = -10$$

The rules for both multiplication and division may be summarized using a table, as shown.

	Positive	Negative
Positive	Positive	Negative
Negative	Negative	Positive

Practice:

1. Evaluate $(-6) \times (-2)$.

2. Evaluate $(15) \div (-3)$.

Answers: 1. 12. 2. -5.