

Introduction to Algebra for 7th Grade

Mathematics · Practice Test · 6 Questions

1. What is algebra primarily concerned with?

- A) Numbers only
- B) Letters representing numbers
- C) Shapes and sizes
- D) Historical events

2. In algebra, what are letters used to represent?

- A) Specific numbers
- B) Unknown or variable numbers
- C) Geometric shapes
- D) Colors

3. What is the term for a letter representing an unknown number?

- A) Constant
- B) Variable
- C) Coefficient
- D) Equation

4. What is the purpose of using variables in algebra?

- A) To confuse students
- B) To simplify calculations
- C) To represent unknown values and solve problems
- D) To draw shapes

5. What is an algebraic expression?

- A) A complete sentence
- B) A combination of numbers, variables, and operations
- C) A geometric shape
- D) A historical event

6. Which of the following is an example of an algebraic expression?

- A) $2 + 2 = 4$
- B) $x + 5$
- C) A triangle
- D) The Declaration of Independence