

Introduction to Basic Algebra

Mathematics · Answer Key · 6 Questions

1. What branch of mathematics uses symbols to represent unknown numbers or quantities?

- A) Geometry
- B) Algebra**
- C) Calculus
- D) Trigonometry

2. In algebra, what is a letter or symbol that represents a number called?

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

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

- A) $5 + 2 = 7$
- B) $3x + 5$**
- C) 10
- D) $y = 4$

4. What is the value of 'x' if $x + 3 = 7$?

- A) 3
- B) 4**
- C) 10
- D) 21

5. Simplify the expression: $2a + 3a$

- A) $6a$
- B) $5a$**
- C) a
- D) $23a$

6. What is the result of 5 multiplied by 'y'?

- A) $5 + y$
- B) $y/5$
- C) $5y$**
- D) $y - 5$