

# Introduction to Basic Algebra

Mathematics · Practice Test · 6 Questions

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**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)  $y - 5$