

Pre-Algebra Fundamentals

Mathematics · Answer Key · 10 Questions

1. In the mathematical order of operations (PEMDAS), what does the letter 'E' represent?

- A) Equations
- B) Exponents**
- C) Estimation
- D) Elements

2. What is the term for a number that can be expressed as a fraction of two integers?

- A) Irrational number
- B) Integer
- C) Rational number**
- D) Prime number

3. Which property is demonstrated by the equation $a + b = b + a$?

- A) Associative Property
- B) Distributive Property
- C) Commutative Property**
- D) Identity Property

4. What is the mathematical term for the top number in a fraction?

- A) Denominator
- B) Quotient
- C) Numerator**
- D) Product

5. What is the value of any non-zero number raised to the power of zero?

- A) 0
- B) 1**
- C) The number itself
- D) -1

6. Which of the following is the only even prime number?

- A) 0
- B) 1
- C) 2**
- D) 4

7. In the algebraic expression ' $7x + 5$ ', what is the term for the number 7?

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

8. What is the sum of the interior angles of a triangle?

- A) 90 degrees
- B) 180 degrees**
- C) 270 degrees
- D) 360 degrees

9. What is the absolute value of -25?

- A) -25
- B) 0
- C) 1
- D) 25**

10. Which term refers to the greatest factor that two or more numbers have in common?

- A) LCM
- B) GCF**
- C) LCD
- D) Prime Factor