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Questions

1. How is the number 1 regarded in multiplication operations?

A. Negative identity
B. Inverse element
C. Prime factor
D. Neutral element

2. In Boolean algebra used in computer science, how is the number 1 typically interpreted in logical operations?

A. As the logical false
B. As a null element
C. As the logical true
D. As an undefined element

3. What distinguishes the number 1 from other numbers in terms of basic mathematical properties?

A. It is a prime number
B. It is neither positive nor negative
C. It is the smallest positive integer
D. It is an even number

4. In the context of mathematics, what role does the number 1 play in exponentiation?

A. Base of every power
B. Unique base in exponential functions
C. Exponential identity
D. Irrelevant in exponential calculations

5. In geometry, how is the number 1 significant in defining shapes?

A. Represents infinite planes
B. Used to measure angles
C. Defines the unit circle
D. A point of divergence in lines