1

Questions

1. What is the multiplicative inverse of 1?

A. 0
B. 2
C. 1
D. -1

2. What is 1 raised to the power of zero?

A. Zero
B. Undefined
C. One
D. Negative

3. What is the mathematical term for a number like 1, which doesn't affect other numbers when multiplied by it?

A. Infinity element
B. Zero element
C. Neutral element
D. Identity element

4. In set theory, what is the term for a set containing exactly one element?

A. Doubleton
B. Pair
C. Empty set
D. Singleton

5. In the binary numeral system, what does the number 1 commonly signify?

A. 0
B. 01
C. None
D. 1

6. What is the philosophical significance of the number 1?

A. Diversity
B. Multiplicity
C. Duality
D. Unity

7. Which fundamental principle of physics describes how the motion of an object changes when it is subjected to a force?

A. Ohm's Law
B. Theory of Relativity
C. Newton's second law
D. Law of Inertia