

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