1

Questions

1. In binary logic, what does the number 1 typically represent?

A. true
B. 3
C. 0
D. false

2. In basic arithmetic, what property does the number 1 have when used in multiplication?

A. It causes overflow errors in large numbers.
B. It acts as a multiplicative identity, keeping the original number the same.
C. It is always ignored in calculations.
D. It changes the original value to zero.

3. In mathematical terms, what dimensional space is represented by a single line?

A. Two-dimensional space
B. Zero-dimensional space
C. One-dimensional space
D. Three-dimensional space

4. In number theory, which statement correctly describes the number 1?

A. It is a prime number.
B. It is neither prime nor composite.
C. It is a composite number.
D. It is both prime and composite.

5. In the metric system, how many meters are there in 1 kilometer?

A. 1000 meters
B. 1 meter
C. 10 meters
D. 1 mile

6. Which Roman numeral represents the number 1?

A. I
B. X
C. V
D. L

7. How many degrees are in a single complete cycle of a sine wave?

A. 90 degrees
B. 555 degrees
C. 180 degrees
D. 360 degrees