

# 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