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Questions

1. In programming, what index number typically represents the second position in an array?

A. 0
B. 3
C. 1
D. 2

2. What is 1 factorial (1!)?

A. 2
B. 3
C. 0
D. 1

3. Is the number 1 considered a prime number?

A. Always
B. Sometimes
C. Yes
D. No

4. What is the identity element for multiplication that, when multiplied by any number, results in that number?

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

5. What is the first number in the Fibonacci sequence?

A. 2
B. 3
C. 1
D. 0

6. What is 2 raised to the power of 0 equal to?

A. 10
B. 0
C. 3
D. 1

7. What is the result when any non-zero number is divided by 1?

A. 1
B. 10
C. -1
D. 0

8. What value does the digit '1' hold in the ternary (base 3) system?

A. 3
B. 1
C. 0
D. 2

9. What is the simplest ratio representation of any number compared to itself?

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

10. What type of geometric figure is measured only in one dimension?

A. 2-dimensional
B. 4-dimensional
C. 1-dimensional
D. 3-dimensional