1

Questions

1. In mathematics, how is the number 1 often referred to?

A. The additive identity
B. The multiplicative identity
C. The null element
D. The dividing factor

2. In set theory, how is the number 1 interpreted in terms of cardinality?

A. It indicates a singleton set.
B. It signifies a set with unknown elements.
C. It denotes an infinite set.
D. It represents an empty set.

3. How does the number 1 function within the realm of prime numbers?

A. It is not considered a prime number.
B. It is used as a reference for all primes.
C. It is only prime in certain conditions.
D. It is the smallest prime number.

4. In probability theory, what does a probability of 1 signify?

A. An unpredictable outcome
B. Approximately half likelihood
C. An impossible event
D. A certain event

5. In statistical terms, what does a correlation coefficient of 1 indicate?

A. A random correlation
B. A perfect positive correlation
C. A perfect negative correlation
D. No correlation