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Questions

1. In computer science, why is the number 1 significant in binary representation?

- A. It denotes an "on" or true state.
- B. It indicates a power failure in circuits.
- C. It represents the end of a sequence.
- D. It serves as a base for logarithms.

2. Why is the number 1 pivotal in defining the unit circle in trigonometry?

- A. It is the point of tangency on the circle.
- B. It represents the radius of the unit circle.
- C. It indicates the slope of the diameter.
- D. It defines the area of the unit circle.

3. In numerology, what is the significance of the number 1?

- A. Generosity and warmth
- B. Chaos and disorder
- C. Leadership and independence
- D. Balance and symmetry

4. In the realm of set theory, what makes the set containing only the number 1 unique?

- A. It is an empty set.
- B. It can form a pair with itself.
- C. It is a singleton set.
- D. It is considered a null set.