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Questions

1. In the context of natural numbers, which of the following best describes the relationship between 1 and 555?

- A. 1 is the square of 555
- B. 1 is a divisor of 555
- C. 1 and 555 are prime numbers
- D. 555 is a divisor of 1

2. In modular arithmetic, what is the value of 555 modulo 1?

- A. 555 modulo 1 equals 0
- B. Modulo 1 operation is undefined for 555
- C. 555 modulo 1 equals 555
- D. 555 modulo 1 equals 1

3. Comparing logarithmic operations, what is log base 1 of 555?

- A. The result is 1
- B. The result is 555
- C. The result is undefined
- D. The result is 0

4. What is the value of Euler's totient function $\phi(555)$?

- A. $\phi(555)$ equals 288
- B. $\phi(555)$ equals 209
- C. $\phi(555)$ equals 337
- D. $\phi(555)$ equals 554

5. In the sequence of natural numbers, how many numbers are there between 1 and 555?

- A. 553
- B. 555
- C. 554
- D. 556