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Questions

1. Why is the prefix 555 often used in American television and movies for phone numbers?

- A. To serve as a reserved code for test lines.
- B. To be used exclusively for weather updates.
- C. It was chosen for its ease of memorization and non-use in public lines.
- D. To be reserved for fictional use to prevent accidental calling.

2. In technology, particularly in digital circuit design, how is the number 555 commonly significant?

- A. As a component number for a popular timer IC.
- B. As a historical baud rate for modems.
- C. As a frequency standard in CPUs.
- D. As a reserved port number in IP protocols.

3. In cryptography, numbers like 555 may be used for which purpose when teaching about cryptographic methods?

- A. As a frequency used in spectral analysis.
- B. As a placeholder in cryptographic examples.
- C. As a known factor in RSA encryption keys.
- D. As a common seed value for random number generators.