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Questions

1. What is the result of multiplying 5 by 5?

- A. 35
- B. 25
- C. 10
- D. 50

2. What is the base-10 equivalent of the binary number 1010?

- A. 12
- B. 10
- C. 15
- D. 5

3. In binary code, how is the number 5 represented?

- A. 110
- B. 101
- C. 11111
- D. 1000

4. What is the hexadecimal representation of the decimal number 555?

- A. 2AB
- B. 22B
- C. 36E
- D. 1B3

5. In ASCII, what character does the hexadecimal value '55' represent?

- A. A
- B. U
- C. Y
- D. K

6. How does the number 555 behave in modular arithmetic with a modulus of 10?

- A. Remainder is 1
- B. Remainder is 10
- C. Remainder is 0
- D. Remainder is 5