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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