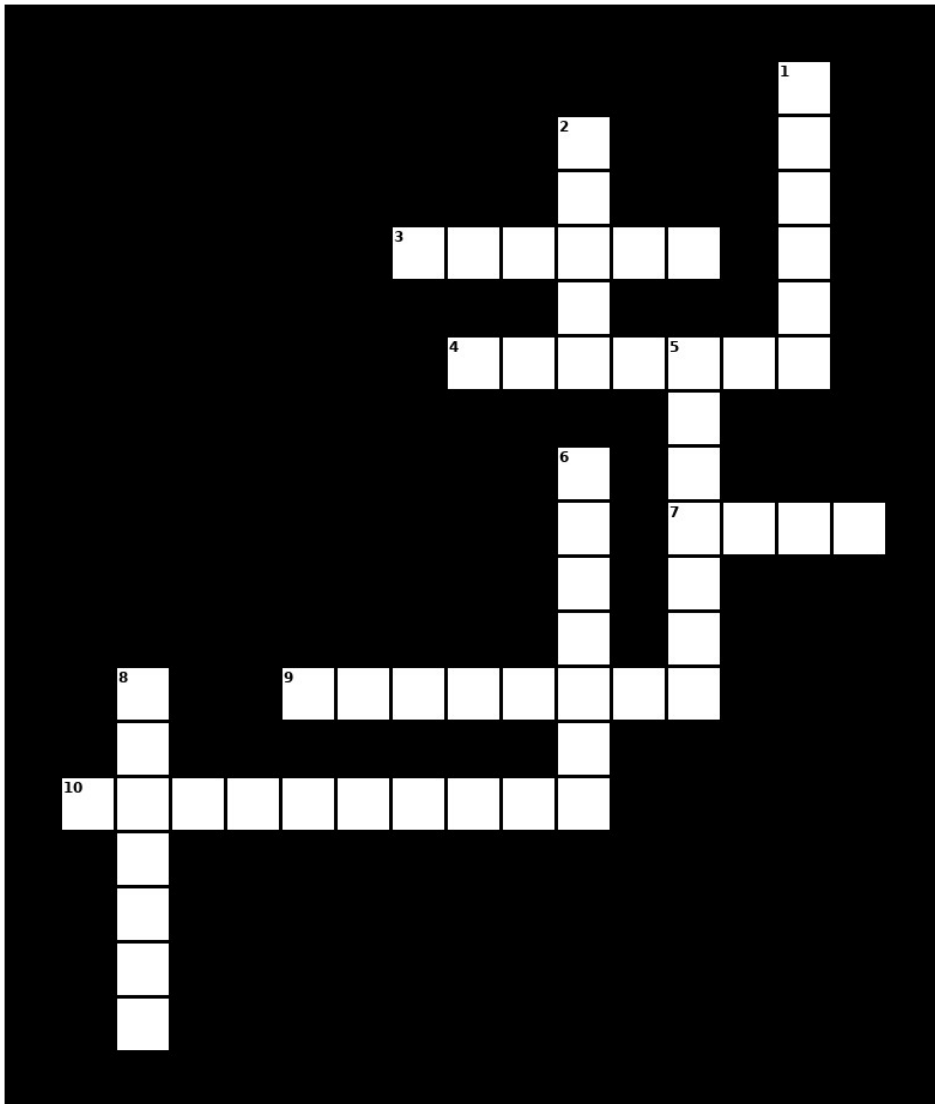


2.4 Boolean logic - Crossword 1: Logic gates

Instructions: Use the definitions to complete the grid. Write answers without spaces, hyphens, slashes or punctuation.



Across

- 3. Result produced by a gate or logic expression.
- 4. Gate that inverts a single input.
- 7. Electronic component or symbol that performs a logic operation.
- 9. Gate that outputs false only when all inputs are true.
- 10. Table showing outputs for every possible input combination.

Down

- 1. Gate that outputs true when at least one input is true.
- 2. Value entering a gate or logic expression.
- 5. Gate that outputs true only when all inputs are true.
- 6. Gate that outputs true when inputs are different.
- 8. Gate that outputs true only when all inputs are false.