Function Tables: Complete Input-Output Rules and Match Tables

Worked example / complete source key

Rule: output = 2 times input plus 5. Complete the table for inputs 0, 1, 3, and 4. Then verify one row.

Answer: Outputs: for 0, 2 times 0 plus 5 = 5; for 1, 2 times 1 plus 5 = 7; for 3, 2 times 3 plus 5 = 11; for 4, 2 times 4 plus 5 = 13. Table pairs: (0,5), (1,7), (3,11), (4,13). Verification: input 3 gives 2 times 3 = 6, then 6 plus 5 = 11, matching the table.