

Modular Arithmetic Exploration - Test Cases

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For each test case, use your algorithm to give the steps of multiplication. Total the number of steps for your score. The lowest score wins.

Note: each test is a separate fresh test. You can't use the result of a previous test as one of your inputs.

Cool Group Name:

Tests:

1. $2^{128} \pmod n$

Number of steps: _____

2. $2^{170} \pmod n$

Number of steps: _____

3. $2^{127} \pmod n$

Number of steps: _____

Grand total: _____