

Synthesized solution for benchmark 00arith.c

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solution
└─ AComplete
    └─ 
$$\begin{cases} \textit{Axioms} : \{E = 1, b = !c\} \\ k_1 = (a_x > 0 \cdot (b_x \%_i, ? \ 2 == 0 \cdot O() = \text{foo}()); + \neg b_x \%_i, ? \ 2 == 0 \cdot B() = \text{bar}());) * \neg a_x > 0 \\ k_2 = E() = \text{foo}()); \cdot (a_x > 0 \cdot (c_x \%_i, ? \ 2 == 0 \cdot B() = \text{bar}()); + \neg c_x \%_i, ? \ 2 == 0 \cdot O() = \text{foo}());) * \neg a_x > 0 \end{cases}$$

```