Why

What is the identity element of natural multiplication?

Proposition 1. *1 is the identity element of ω under $\cdot$.*

Proof. By definition $1 \cdot n = n$ (see Natural Products). $\qquad\square$

Natural Multiplicative Identity

Arithmetic — Identity Elements

Natural Exponents — Operations

Natural Products — Functions

Natural Sums — Relations

Recursion Theorem

Peano Axioms

Natural Induction — Cartesian Products

Natural Numbers — Set Powers

Intersection of Empty Set — Successor Sets — Unordered Triples

Set Intersections — Pair Unions — Ordered Pairs

Set Differences — Set Unions

Pair Intersections — Empty Set — Unordered Pairs

Set Specification

Set Inclusion

Standardized Accounts

Accounts

Deductions

Quantified Statements

Logical Statements

Statements

Identities — Sets

Names

Letters — Objects