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 Powers

Natural Products

Operations

Natural Sums

Functions

Recursion Theorem

Relations

Peano Axioms

Set Products

Natural Induction

Set Powers

Ordered Pairs

Natural Numbers

Successor Sets

Intersection of Empty Set

Unordered Triples

Set Symmetric Differences

Pair Unions

Set Intersections

Set Complements

Set Unions

Pair Intersections

Set Differences

Empty Set

Unordered Pairs

Set Specification

Set Inclusion

Standardized Accounts

Accounts

Deductions

Quantified Statements

Logical Statements

Statements

Identities

Sets

Names

Letters

Objects