

CONTEXT

One should think of functions as verbs, sets as collections of nouns, and elements as nouns (of course one can consider collections of sets, [e.g. the set of all groups, the set of all committees, etc] in which case the set itself is thought of as a noun.

TABLE 1. Common adjectives and what they apply to

Adjective	Noun
Symmetric	Relations
One-to-one (i.e. injective)	Functions
Onto (i.e. surjective)	Functions
Bijective	Functions
Isomorphism	Functions
Isomorphic	Groups
Abelian	Groups
Finite	Sets
Commute	Pairs of Elements
Commutative	NOTHING so far
Associative	Binary Operators (BO)
Operation Preserving	Functions between sets with BO
Invertible	Functions ¹
Invertible	Elements in a set with a BO ²
Closed	A subset of a set with a binary operator ³
Real	Numbers
Even	Integers
Greater (or less) than	Real Numbers