

NON-GEOMETRIC CLASSIFICATION/RELATIONSHIP

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ENTITIES	CLASSIFICATION	RELATIONSHIP
Numbers	natural (counting) whole odd/even prime/composite/neither integer rational algebraic irrational transcendental real imaginary	$=, >, <$ relatively prime multiple of factor of; "divides" inverse opposite reciprocal power of, root of identity
Statements	true/false simple compound conjunction disjunction conditional bi-conditional tautology implication	converse inverse contrapositive negation equivalent
Sets	universal finite/infinite empty/non-empty	disjoint intersecting complementary equal subset equivalent
Subsets	proper/improper	
Operations	unary/binary associative commutative	inverse distributive (over)