Mathematics Glossary

Key Terms and Definitions

|  |  |  |  |
| --- | --- | --- | --- |
| Term | Definition | Example | See Also |
|  |  |  |  |
| Antecedent |  |  |  |
| Associativity |  |  |  |
| Assumption |  |  |  |
| Axiom |  |  |  |
| Axiom of Extensionality |  |  |  |
| Bijection |  |  |  |
| Bipartite |  |  |  |
| Boundedness |  |  |  |
| Cardinal |  |  |  |
| Closure |  |  |  |
| Composition |  |  |  |
| Conjunction |  |  |  |
| Contrapositive |  |  |  |
| Corollary |  |  |  |
| Disjunction |  |  |  |
| Equinumerous |  |  |  |
| Equipotent |  |  |  |
| Exclusion Principle |  |  |  |
| Function |  |  |  |
| Identities |  |  |  |
| Identity |  |  |  |
| Inclusion Principle |  |  |  |
| Induction |  |  |  |
| Injection | . |  |  |
| Intersection |  |  |  |
| Invertibility |  |  |  |
| Lemma |  |  |  |
| Monotone (Monotonicity) |  |  |  |
| Ordinal |  |  |  |
| Periodic |  |  |  |
| Periodicity |  |  |  |
| Postulate |  |  |  |
| Proposition |  |  |  |
| Statement |  |  |  |
| Surjection |  |  |  |
| Tautology |  |  |  |
| Theorem |  |  |  |
| Union |  |  |  |