#### STUDY GOALS

On completion of this unit, you will have learned...

what is meant by a set, subset, and superset.

how to form the union, intersection, and difference of sets.

which calculation rules apply for unions, intersections, and differences.

what is meant by the cardinality of a set.

how the power set of a set is formed.

what it means when one number splits another number.

how equivalence relations and equivalence classes are defined and what properties they have.