

Finite Simple Groups of Small and Medium Order.

Abstract: In this talk, we focus on the Classification of Finite Simple Groups in the range through order 360. Within this range, excluding the primes, the numbers 60, 168, and 360 are the only orders for simple groups. We give examples of simple groups of each of these orders, and mention the uniqueness of such groups up to isomorphism. Also, we mention basic tools that can be used to eliminate all other composite orders in the given range for simple groups, and go over some such examples.